2023 ANNUAL ENVIRONMENTAL MONITORING REPORT

EDWARD ALLEN LANDFILL
BAILEY CREEK ROAD; CORNING, NEW YORK

CORNING INCORPORATED

FOR EDWARD ALLEN LANDFILL PRP GROUP
SITE NUMBER: 851001

ANNUAL REPORT

WSP USA INC.
40 LA RIVIERE DR., STE. 320
BUFFALO, NEW YORK 14202
WSP.COM

PROJECT NO.: B2101342.026
DATE: MARCH 14, 2024

March 14, 2024

Adam Morgan
Assistant Environmental Engineer
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 8
6274 East Avon-Lima Rd.
Avon, NY 14414-9519

Subject: Edward Allen Landfill (Site No. 851001) 2023 Annual Environmental Monitoring Report

Dear Mr. Morgan:

On behalf of the Edward Allen Landfill PRP group, WSP USA Inc., is pleased to submit the 2023 Annual Environmental Monitoring Report for the closed Edward Allen Landfill located on Bailey Creek Road, Town of Corning, New York. This report documents the results of the operations, maintenance and monitoring activities performed at the Landfill for the 2023 calendar year.

If you have any questions, please call Mark Saunders at (716) 331-4966 or Craig Anderson at (612) 524-0943.

Sincerely,

William X. Dolan
Geologist

Craig Anderson
Practice Leader

Enclosures:

CC: John Novotny, Corning Incorporated
Chad Coy, Paramount Global
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SIGNATURE PAGE FOR

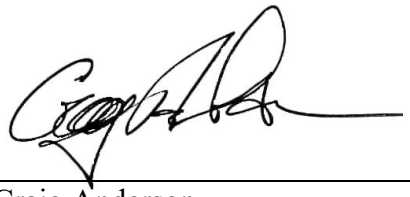
REPORT ON
2023 ANNUAL ENVIRONMENTAL MONITORING REPORT
EDWARD ALLEN LANDFILL
BAILEY CREEK RD, CORNING, NY

PREPARED FOR
EDWARD ALLEN LANDFILL PRP GROUP

PREPARED BY:

William X. Dolan
Geologist
WSP USA Inc.

REVIEWED AND APPROVED BY:



Craig Anderson
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CERTIFICATION PAGE
FOR
2023 ANNUAL REPORT
EDWARD ALLEN LANDFILL
CORNING, NEW YORK

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

The inspection of the Site to confirm the effectiveness of the institutional and engineering controls required by the Operation and Maintenance Manual was performed under my direction;

The institutional controls employed at this Site are unchanged from the date the controls were put in place, or last approved by the Department;

Nothing has occurred that would impair the ability of the controls to protect the public health and environment;

Nothing has occurred that would constitute a violation or failure to comply with the Operation and Maintenance Manual;

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;

The engineering controls as described in the Operation and Maintenance Manual are in place and remain effective during the reporting period;

To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the Operation and Maintenance Manual and generally accepted engineering practices; and,

The information presented in this report is accurate and complete.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law, I, Gary P. Hurta Jr., P.E., of WSP USA, Inc., am certifying as Corning Incorporated's Designated Site Representative and I have been authorized and designated by all Site owners to sign this certification for the Site.

PREPARED BY:

Gary P. Hurta Jr., P.E.
Assistant Vice President and Technical Principal
WSP USA Inc.

March 13, 2024

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It is a violation of New York State Education Law Section 7209 for any person to alter any document that bears the seal of a professional engineer unless the person is acting under the direction of a licensed professional engineer. If an item bearing the seal of an engineer is altered, the altering person shall comply with all the requirements of New York State Education Law Section 7209.

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1 INTRODUCTION

1.1 BACKGROUND

The former Edward Allen Landfill (EAL) identified as New York State Department of Environmental Conservation (NYSDEC) Site 851001, is located on Bailey Creek Road in the town of Corning, New York (Figure 1). The EAL completed final closure in 1995 and is currently undergoing post-closure monitoring, maintenance, and annual reporting in accordance with the Operations and Maintenance (O&M) Manual (Haley & Aldrich of New York (H&A)), October 2021. Monitoring activities summarized in this report were completed by WSP.

1.2 PURPOSE

The EAL Annual Report summarizes the tasks described in the O&M Manual as performed by WSP throughout 2023. The routine tasks include the following: monthly and quarterly visual inspection of landfill gas vents (LGV) and perimeter seepage collection manholes (MHs), annual environmental monitoring, seepage collection and disposal, seepage management (recordkeeping), inspections, and routine maintenance of the site (mowing and snow removal). The non-routine tasks include the following: replacing manhole covers, inspecting/repairing animal burrows, replacing damaged seepage collection system loadout valves, fence repairs, seepage storage tank cleaning/inspection, repairing damaged section of the seepage collection system, and replacing damaged/missing monitoring well covers and caps.

The annual environmental monitoring consisted of annual LGV air monitoring and annual groundwater sampling at selected EAL groundwater monitoring wells and at nearby residential properties. Table 1 presents the sampling locations and parameters for the monitoring wells, residential samples, and LGV's.

The following sections provide the details of the routine and non-routine O&M activities conducted in 2023.

1.3 LANDFILL GAS VENTS AND SEEPAGE COLLECTION SYSTEMS INSPECTION

The LGV and seepage collection system consists of 24 LGVs (LGV-1 to LGV-24) set into the landfill cover below the geomembrane and 13 manholes (MH-1 to MH-13) interconnected by underground plastic piping that allows seepage to drain by gravity into two 15,000-gallon, double-walled underground storage tanks. As described in Section 4, the seepage generated by the collection system is transported offsite by truck and is disposed of at the Steuben County, Bath Landfill Leachate Pre-Treatment Plant and the Ithaca Area Wastewater Treatment Facility located in Ithaca, New York.

Inspection of the LGVs and seepage collection systems was conducted during the monthly and quarterly inspections by WSP. LGVs observed with minor misalignment and corrosion were noted in the inspection reports. All LGVs and manholes MH-1 to MH-13 had no observed structural integrity issues.

Seepage flow was observed during each inspection, with variable flow rates noted throughout the year. Manholes along the eastern side of the EAL generally showed moderate to no seepage flow. Based on the inspections, all LGVs, seepage collection system, and manholes were in working order. Appendix A contains the monthly and quarterly inspection reports.

1.4 LANDFILL GAS VENT AIR MONITORING

Annual LGV air monitoring (screening for volatile organic compounds [VOCs]) was conducted by WSP during the annual groundwater sampling on Monday, September 25, 2023. LGV air monitoring consisted of a visual inspection and screening of all LGVs with a photoionization detector (PID) and combustible gas meter (CGM).

VOCs were detected at concentrations greater than background in 9 of the 24 LGVs. Detected VOC readings at LGV-20 were 2.0 part per million by volume (ppm), with detected VOCs in all other LGVs 0.5 ppm or less. Combustible gas concentrations were detected in 2 of the 24 LGVs, with 2 LGV concentrations greater than 99% of the Lower Explosive Limit. Appendix A contains the PID and combustible gas readings. No odor was observed by WSP during the LGV screening and inspection.

1.5 LANDFILL GROUNDWATER SAMPLING

The annual groundwater sampling occurred from Monday, September 25 to Friday, September 29, 2023. Figure 1 shows information on the piezometer and monitoring well sample locations. Groundwater samples were collected from 16 monitoring wells surrounding the site. Before purging and sampling, static water levels of all monitoring wells and piezometers were measured using a decontaminated electrical probe. Monitoring well samples were collected using low flow methods, which include using a bladder pump to purge the wells prior to collecting the samples. Monitoring well MW-15I was purged and sampled using a bailer due to the construction of the well and the water level. MW-15I was purged dry then allowed to recharge before collecting a sample. Purge water from the monitoring wells was disposed of with collected seepage. Other sampling wastes were disposed of offsite as solid waste. Consistent with the groundwater sampling procedures in Section 3.2.3 of the approved O&M Manual, unfiltered and field-filtered samples were collected at MW-10D due to elevated turbidity levels (i.e., turbidity greater than 50 NTU).

Groundwater sampling logs, and groundwater sampling supporting documents are provided in Appendix B. Chain-of-Custody forms (COCs), Quality Assurance/Quality Control (QA/QC) documentation, and laboratory analytical reports are included in Appendix C.

Groundwater samples were shipped to Alpha Analytical (National Environmental Laboratory Accreditation Program-certified laboratory # 11148 [Alpha]). Monitoring well samples were analyzed for:

- VOCs analyzed by U.S. Environmental Protection Agency (EPA) Method 8260. VOCs identified in Table 2 of the Data Collection Quality Assurance Plan (H&A, May 2021).
- Target Analyte List (TAL) Metals by EPA Method 6010C and 7470A

WSP also collected QA/QC samples during the annual groundwater sampling event. The QA/QC sample locations and analysis are listed below:

- VOCs and TAL metals: one blind duplicate sample from MW-7S
- VOCs and TAL metals: one matrix spike (MS) and matrix spike duplicate (MSD) sample was collected from MW-13S
- VOCs: one trip blank was furnished and analyzed by Alpha

WSP performed a data analysis and usability evaluation of the final Alpha analytical report. Additional information can be found in Section 1.7 Groundwater Quality Review.

1.6 RESIDENTIAL PROPERTIES – WELL WATER SAMPLING

Three residential wells were sampled on Friday, September 29, 2023. Figure 2 shows the location of the three residential properties. The three residential properties included:

- Allen residence (tax parcel ID: 353.00-03-025.100)
- Horrigan/Subroto residence (tax parcel ID: 353.00-03-027.000)
- Peckham residence (tax parcel ID: 353.000-03-41.000)

Residential groundwater samples were analyzed for TAL metals. Residential groundwater samples were collected from outdoor spigots after approximately fifteen gallons of water was purged from each residential well system. Groundwater samples were placed in laboratory-furnished sample containers, labeled, and placed into rigid coolers with ice. Table 4 summarizes the laboratory results of the residential sampling.

After WSP's data validation, the residential well water sample results were shipped via FedEx to their respective addresses and NYSDEC on Friday, December 1, 2023. Appendix D includes the residential water well results transmittal letters.

1.7 GROUNDWATER QUALITY REVIEW

Groundwater flows in a general southeast to northwest flow direction, which is consistent with previous monitoring events. Figures 3 and 4 provide groundwater contours generated from static shallow and deep groundwater elevations, collected from the EAL monitoring wells and piezometers in September 2023.

Monitoring well and residential water sample results are summarized in Tables 2 through 4 and compared to the NYSDEC Ambient Water Quality Standards and Guidance Values (Technical and Operational Guidance Series [TOGS] 1.1.1)[1].

Target parameters were not detected above the specified TOGS 1.1.1 standards and guidance values at the on-site and residential wells, with the exception of the following:

- Selected naturally occurring metals (i.e., aluminum, iron, barium, manganese, sodium, and arsenic) were detected above the TOGS 1.1.1 values at monitoring wells both upgradient and downgradient of the landfill, consistent with historical monitoring results (Table 2).

- Select VOCs were detected above laboratory detection limits, but below the TOGS 1.1.1 values and consistent with historical monitoring results, with the exception of acetone, a suspected laboratory contaminant (Table 3). These VOC detections are listed below, where a "J" data qualifier indicates an estimated value[2].
  - Trichloroethene (TCE) was detected at MW-7S (2.4 micrograms per liter (ug/L)) and MW-13S (0.22 J ug/L)
  - 1,1-Dichloroethane was detected at MW-7S (0.89 J ug/L) and MW-7D (1.2 J ug/L)
  - Vinyl chloride was detected at MW-7S (0.1 J ug/L)
  - 1,2-Dichloroethane was detected at MW-7S (0.2 J ug/L) and MW-7D (0.48 ug/L)
  - cis-1,2-Dichloroethene was detected at MW-7D (0.71 J ug/L)
  - 1,1-Dichloroethene was detected at MW-7D (1.2 J ug/L)
  - Acetone was detected at MW-13D (7.8 ug/L)
- TCE was detected above TOGS 1.1.1 at MW-7D (5.5 ug/L). This concentration is consistent with historical low-level concentrations periodically detected at this location (See Table 3).
- The naturally occurring metals (i.e., barium, iron, manganese, and sodium) were detected above TOGS 1.1.1 values at the residential wells, consistent with historical monitoring results (Table 4).

1 New York State Department of Environmental Conservation Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values, Class GA, dated June 1998, modified per the April 2000 addendum.

2 The target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds.

The graphed results of the groundwater quality trend analysis are provided in Appendix E.

Analyte trends from the historical data sets were evaluated using Mann-Kendall statistics on ProUCL. The initial validation output used a 95% Confidence Coefficient. If the Mann-Kendall trend indicated that there was statistically significant evidence of either increasing or decreasing trend, no further statistical evaluation was required. If the initial output did not indicate a significant trend, the Mann-Kendall statistics were re-run, using a 90% Confidence Coefficient. If there was statistically significant evidence of either increasing or decreasing trend at the 90% level, there is an indication of possible trend. The direction of the trend would be indicative of the Mann-Kendall Test Value (S). A positive S (greater than 0) indicates an upward trend, and a negative S (less than 0) indicates a downward trend.

If the outputs did not indicate a statistically significant trend at both the 90% and 95% confidence coefficient, then the following was evaluated:

- If S was greater than zero, then it can be assumed that there is no trend.
- If S was less than or equal to zero and the coefficient of variance was greater than 1, then it can be assumed that there is no trend.
- If S was less than zero and the coefficient of variance was less than zero, then it can be assumed that the trend was stable.

The results of the Mann-Kendall evaluation are provided in Appendix F. Note the Mann-Kendall graphs in Appendix F show the annual sampling dates on the X-axis as numeric values (instead of date values) for the annual sampling conducted from 1995 through 2023. Barium, Iron, Manganese, TCE and Sodium concentrations were evaluated using a Mann-Kendall trend evaluation. The trend evaluation compares results from the latest sampling events (between 30 and 46 events for each monitoring well) and determines if the measured concentration in a well is increasing, decreasing, or stable.

Based on the results of the Mann-Kendall evaluation, there were four downgradient/sidegradient monitoring wells with statistically significant increasing trends identified in the data set updated with September 2023 sample results. These four wells include monitoring well 4S (Manganese and Sodium), monitoring well 4D (Manganese and Iron), monitoring well 7D (TCE), and monitoring well 10S (Iron).

The Mann-Kendall trend evaluation is summarized below by compound.

- Barium - monitoring well 10D shows a possible decreasing trend using a 90% Confidence Coefficient and 12D shows no statistically significant trend.
- Iron - monitoring wells 4D and 10S show an increasing trend; monitoring wells 11S and 11D show a decreasing trend; monitoring wells 4S and 15I do not show a statistically significant trend.
- Manganese - monitoring wells 4S and 4D show an increasing trend; monitoring wells 11S and 11D show a decreasing trend.
- TCE - monitoring well 7D shows an increasing trend.
- Sodium - all monitoring wells show decreasing trends except for monitoring well 12S, which shows a possible decreasing trend using a 90% Confidence Coefficient; monitoring well 4S, which shows an increasing trend; monitoring wells 7D, 10S and 15S, which are stable; and monitoring wells 4D, which does not show a trend.
- Metals concentrations in downgradient monitoring wells 4S, 4D, and 10S (e.g., Iron, Manganese, and Sodium) show concentrations consistent within their historical ranges. The TCE reported in monitoring well 7D has fluctuated at concentrations greater than the mean over the last 10 years, with a concentration dropping below the mean in 2023. The monitoring wells with increasing concentration trends will continue to be monitored.

1.8 DATA QUALITY AND USABILITY ASSESSMENT

WSP completed a data validation and assessment of the Alpha reports following Federal guidance and/or O&M manual guidance documents listed below:

- EPA National Functional Guidelines for Superfund Inorganic Methods Data Review OLEM 9240.1-66. (EPA 542-R-20-006).
- EPA National Functional Guidelines for Superfund Organic Methods Data Review OLEM 9240-1-51. (EPA 542-R-20-005).
- Operation and Maintenance Manual, Edward Allen Landfill, Appendix C, Data Collection Quality Assurance Plan (DCQAP; October 2021).

This data validation consisted of samples from the 2023 annual groundwater sampling event of which, 19 field samples, one matrix spike/matrix spike duplicate (MS/MSD), one field rinsate blank, were collected along with 1 trip blanks. Of the 19 field samples 16 were monitoring well samples and 3 were residential well samples. Based on the DCQAP, the following items were reviewed in this validation and assessment.

- Data Completeness;
- Compound Quantitation;
- Sample Preservation;
- Preparation and analytical holding times;

- Analytical methods and detection limits;
- Laboratory and field blanks;
- Surrogate recoveries;
- Laboratory control samples/duplicates (LCS/LCSD);
- MS/MSD recoveries;
- Field and laboratory duplicates;
- Serial Dilutions (Metals only).

Based on WSP data validation report the following were noted. All non-detect and estimated concentrations were quantified to the method detection limit, and reporting limits were at or below EAL-specific reporting limits. All samples were prepared and analyzed within specific holding times listed on Table 3 of the DCQAP. Additional data validations are listed in Appendix G.

2 INSPECTION REPORTS

2.1 MONTHLY

The O&M manual establishes monthly inspections of the following items:

- general site security;
- seepage control system;
- seepage collection vaults;
- seepage loadout system;
- LGVs;
- landfill cover;
- animal activity;
- seepage control trenches MH-3 to MH-6; and,
- groundwater monitoring wells.

During the monthly inspections, WSP observed sediment in certain manhole trenches, however the sediment did not impact flowrate. In addition, during the inspections, the seepage control system was observed to be in working order.

2.2 QUARTERLY

The O&M manual establishes quarterly inspections of the following items:

- general site security;
- seepage control system;
- seepage collection vaults;
- underground storage tank system
- seepage loadout system;
- LGVs;
- landfill cover;
- animal activity;
- seepage control trenches MH-1 to MH-13;

- site drainage;
- access roads, and
- all groundwater monitoring wells.

During these quarterly inspections, WSP observed sediment in certain manholes, however the sediment did not appear to be significant enough to impact flowrate or the performance of the seepage collection system.

3 ANNUAL LANDFILL MAINTENANCE

During 2023, site maintenance activities included:

- Thomas Landscaping, of Corning, New York (Thomas), mowed the landfill cap June, August, and performed other tree trimming and clean-up activities on the cap and perimeter fence at various times from April through October.
- Thomas removed snow and salted the EAL entrance during winter months, as needed, to maintain access for licensed transporters to remove seepage.
- Repair activities were performed by WSP include replacing four additional manhole covers in July and relabeling LGVs during the annual groundwater sampling in September. Replacing the loadout system valves in May.
- Critter Chicks, of Big Flats, New York, conducted animal activity remote monitoring with a trail camera. WSP filled in animal burrows on the landfill cover with imported fill sampled in accordance with Technical Guidance For Site Investigation And Remediation (DER-10) and complying with the requirements for Unrestricted Use per Appendix 5 of DER-10.
- T&R Environmental, of Bath, New York (T&R), performed the underground seepage storage tank cleaning, cleaned the seepage collection piping in the lower vault, and replaced fittings on the underground storage manhole covers in June.
- Atlantic Testing performed testing and evaluations of both tanks onsite (June 13, and 15, 2023) after T&R performed the tank cleaning (previous item). The testing methods included visual inspection, along with ultrasonic thickness measurements across the tanks' shells. A cathodic protection assessment was also performed (Appendix I).
- T&R performed line-jetting on the seepage collection piping system on October 4, 2023. During the line jetting, damage was observed to the seepage collection piping system between MH-6 and MH-7. The damage was confirmed via video inspection. T&R repaired the damaged section of the seepage collection piping in November 2023. WSP summarized the seepage collection piping repair in a memorandum included in Appendix J.
- The cathodic protection test is performed annually, and the tank cleaning and inspection is performed every three years.

4 SEEPAGE COLLECTION AND MANAGEMENT

During the closure process, a low permeability geosynthetic membrane and soil cover system was installed at the EAL. Seepage is collected in interconnected pipes that flow through the onsite manholes into on-site storage tanks near the current entrance to the landfill. Collected seepage is regularly transferred to tanker trucks by Dickson's Environmental Services and Finger Lakes Envirotech, LLC of Bath, New York, and transported to either the Bath Landfill Leachate Pre-Treatment Plant or the Ithaca Area Wastewater Treatment Facility. 956,927 gallons of seepage was disposed of in 2023. Table 5

shows the monthly volumes of seepage collected over the last twelve years. Table 6 shows the monthly volumes of seepage collected in 2023 compared to precipitation for Corning, New York.

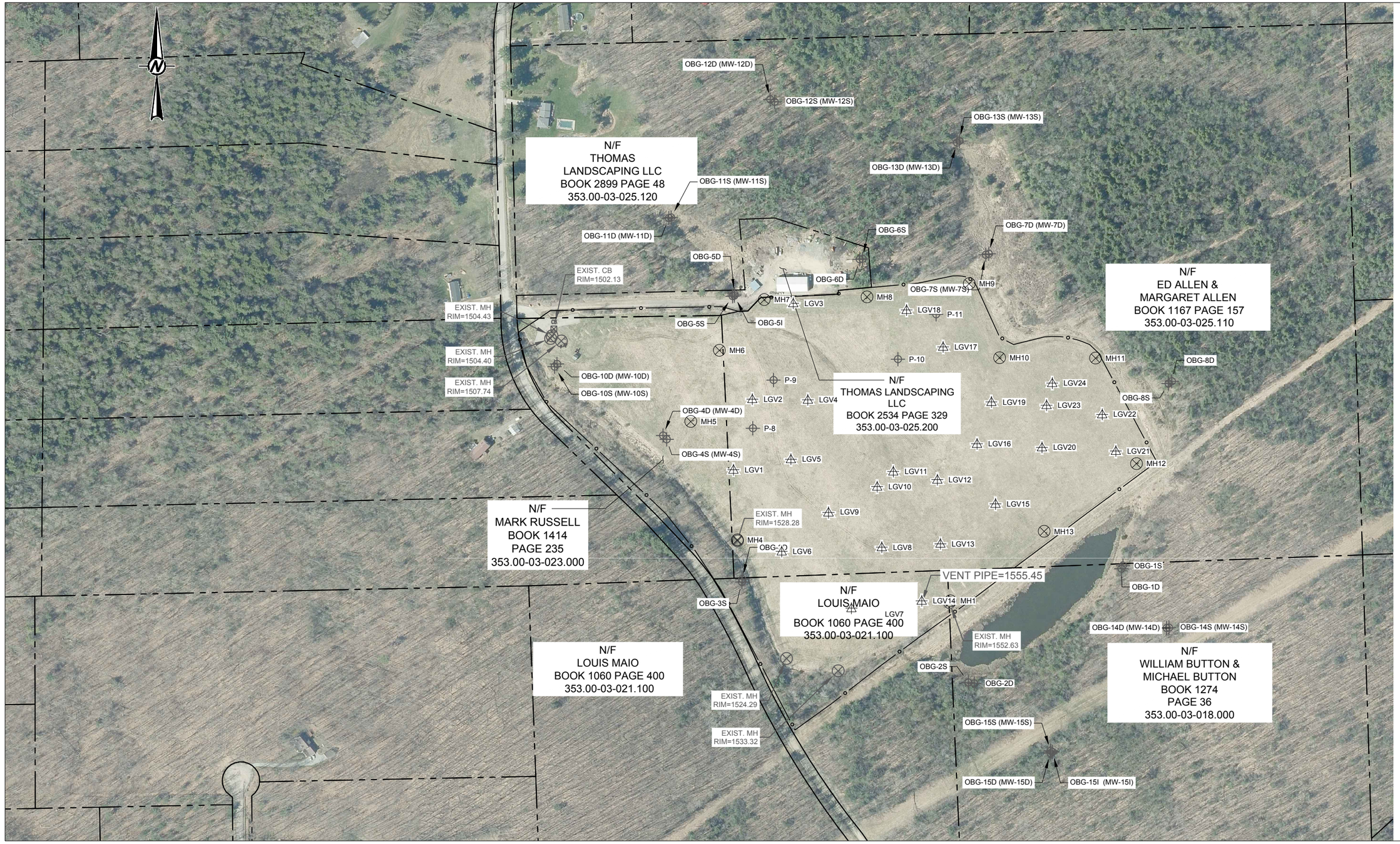
Weigh tickets and manifests from the Steuben County Department of Public Works and the Ithaca Area Wastewater Treatment Facility are included in Appendix H, which records the date and volumes of seepage removed.

5 CONCLUSIONS

Onsite and remote monitoring, operation, and maintenance activities completed by WSP, and subcontractors at EAL were in accordance with the O&M Manual and NYSDEC landfill post-closure monitoring requirements as documented in this report. WSP managed routine and non-routine activities including monthly and quarterly inspections, maintenance, seepage management, environmental monitoring, and equipment repair or replacement from January 2023 to December 2023.

WSP did not identify deficiencies or actions that require modification to the O&M manual and its program in 2023.

FIGURES



LEGEND

- MONITORING WELL
- MANHOLE LOCATION
- LANDFILL GAS VENT
- PROPERTY LINE
- FENCE LINE

Note: Tax Map IDs shown on this Figure were taken from the Steuben County Parcel Map/Data App (March 2024). Parcel boundaries have not been updated as of the date of this Figure.

0 150 300
1" = 300' FEET

Draft, Privileged and Confidential, Prepared at the Direction of Counsel

CLIENT
CORNING INCORPORATED
ONE RIVERFRONT PLAZA
CORNING, NY 14831

CONSULTANT
wsp

YYYY-MM-DD	2023-01-26
DESIGNED	MS
PREPARED	AM
REVIEWED	
APPROVED	

PROJECT
EDWARD ALLEN LANDFILL SITE NUMBER: 851001
BAILEY CREEK ROAD
TOWN OF CORNING, NEW YORK

TITLE
SITE LAYOUT MAP

PROJECT NO.	CONTROL	REV.	FIGURE
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LEGEND

PROPERTY LINE

FENCE LINE

REFERENCE(S)

1. AERIAL: © 2023 MICROSOFT CORPORATION © 2022 MAXAR ©CNES (2022) DISTRIBUTION AIRBUS DS BING

0 150 300

1" = 300' FEET

CLIENT
CORNING INCORPORATED
ONE RIVERFRONT PLAZA
CORNING, NY 14831

CONSULTANT

wsp

YYYY-MM-DD	2023-01-26
DESIGNED	MS
PREPARED	AM
REVIEWED	
APPROVED	

PROJECT
EDWARD ALLEN LANDFILL SITE NUMBER: 851001
BAILEY CREEK ROAD
TOWN OF CORNING, NEW YORK

TITLE
EDWARD ALLEN LANDFILL RESIDENTIAL MONITORING LOCATIONS

PROJECT NO.	CONTROL	REV.	FIGURE
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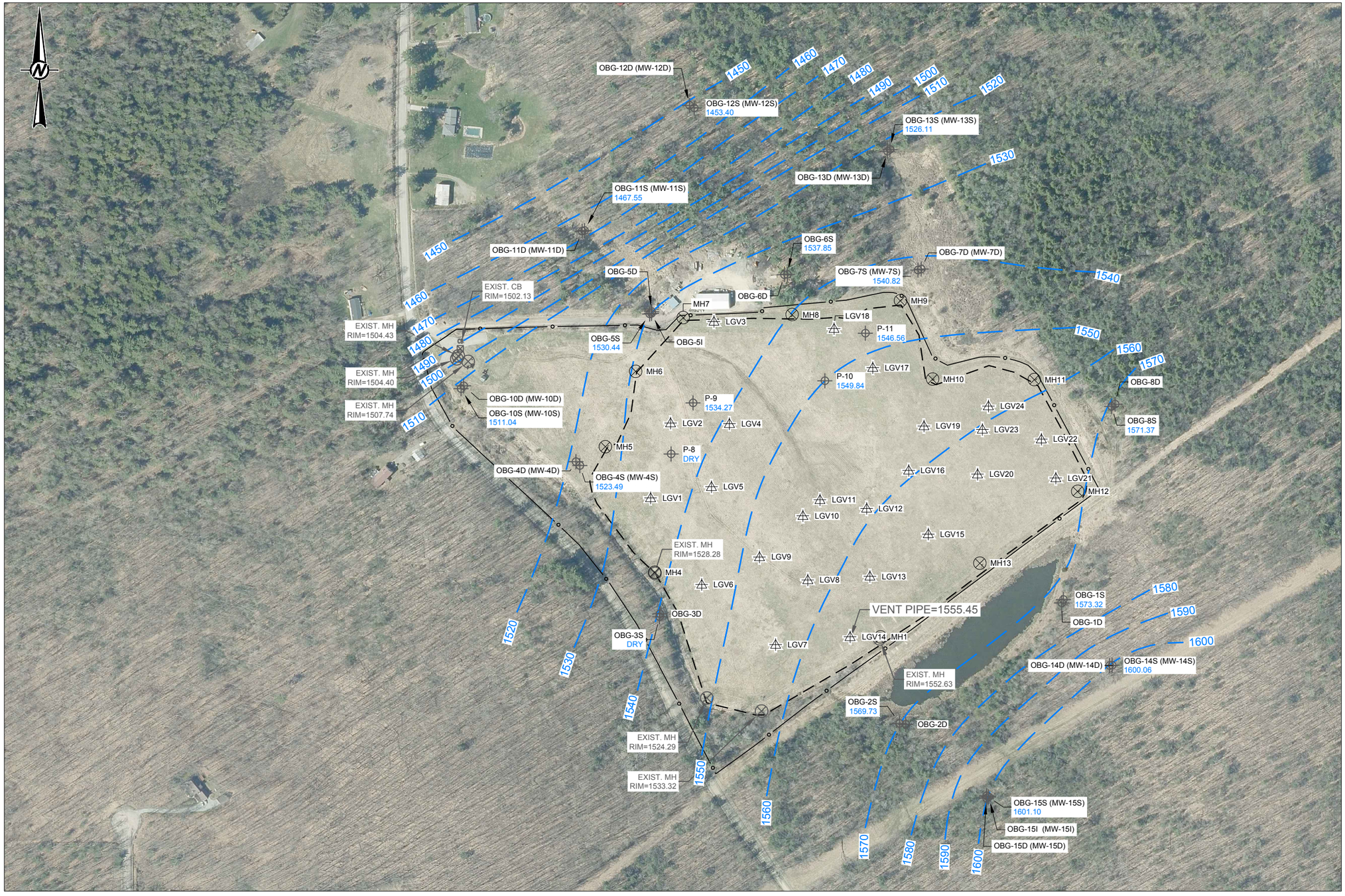

LEGEND

- MONITORING WELL
- MANHOLE LOCATION
- LANDFILL GAS VENT
- FENCE LINE
- 6-INCH SEEP COLLECTION SYSTEM
- 1100 GROUNDWATER ELEVATION CONTOUR, IN FEET ABOVE MEAN SEA LEVEL
- 1572.94 GROUNDWATER ELEVATION

0 150 300
1" = 300' FEET

CLIENT
CORNING INCORPORATED
ONE RIVERFRONT PLAZA
CORNING, NY 14831

CONSULTANT
wsp

YYYY-MM-DD	2023-12-08
DESIGNED	MS
PREPARED	AM
REVIEWED	
APPROVED	

PROJECT
EDWARD ALLEN LANDFILL SITE NUMBER: 851001
BAILEY CREEK ROAD
TOWN OF CORNING, NEW YORK

TITLE
GROUNDWATER ELEVATION CONTOUR SHALLOW BEDROCK WELLS SEPTEMBER 2023

PROJECT NO.	CONTROL	REV.	FIGURE
B2101342.026	0001-002	0	3

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

1 in
0

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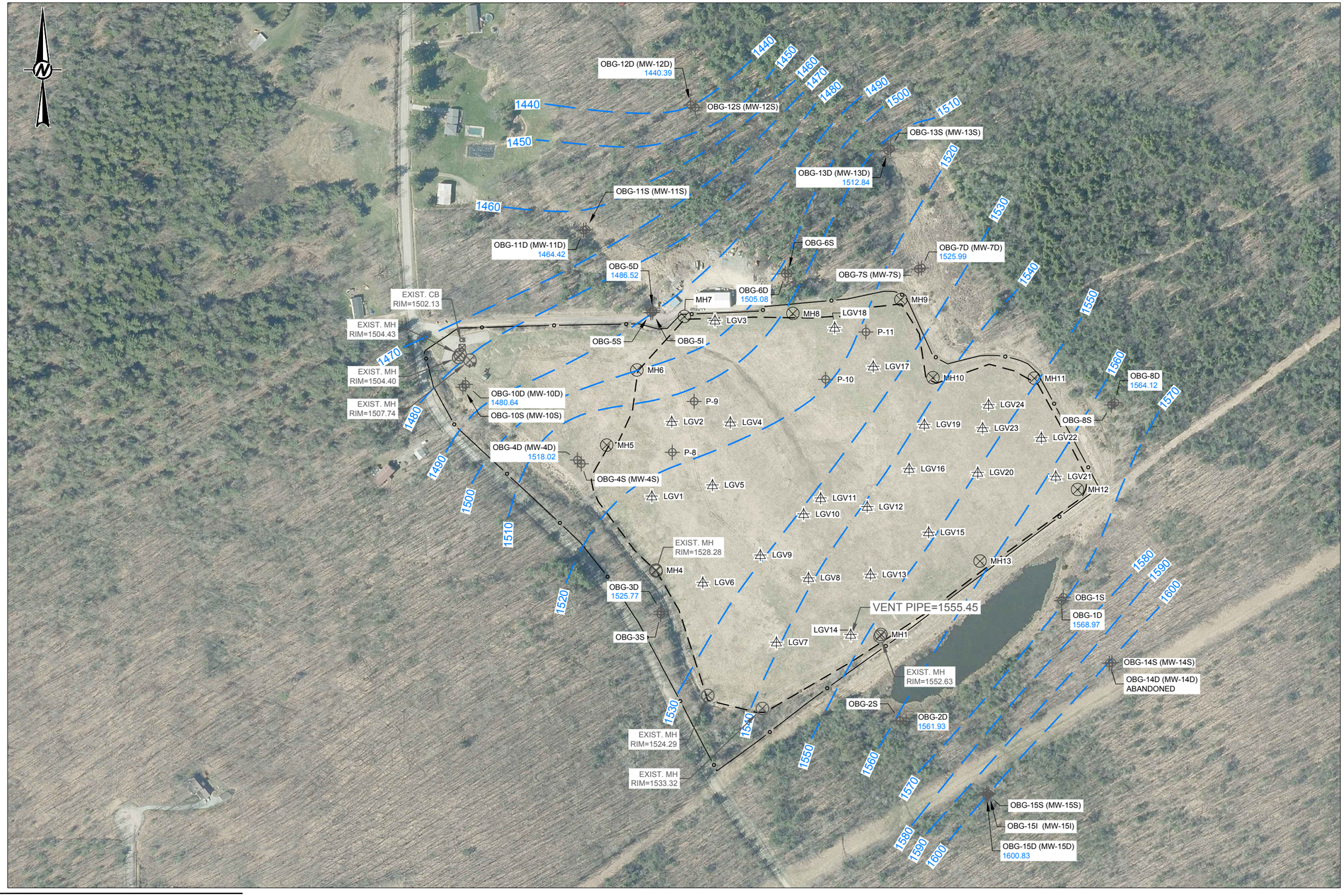

LEGEND

- MONITORING WELL
- MANHOLE LOCATION
- LANDFILL GAS VENT
- FENCE LINE
- 6-INCH SEEP COLLECTION SYSTEM
- 1100 GROUNDWATER ELEVATION CONTOUR, IN FEET ABOVE MEAN SEA LEVEL
- 1572.94 GROUNDWATER ELEVATION

0 150 300
1" = 300' FEET

CLIENT
CORNING INCORPORATED
ONE RIVERFRONT PLAZA
CORNING, NY 14831

CONSULTANT
wsp

YYYY-MM-DD	2023-12-08
DESIGNED	MS
PREPARED	AM
REVIEWED	
APPROVED	

PROJECT
EDWARD ALLEN LANDFILL SITE NUMBER: 851001
BAILEY CREEK ROAD
TOWN OF CORNING, NEW YORK

TITLE
GROUNDWATER ELEVATION CONTOUR DEEP BEDROCK WELLS SEPTEMBER 2023

PROJECT NO.	CONTROL	REV.	FIGURE
B2101342.026	0001-003	0	4

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

1 in
0

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TABLES

TABLE 1

Sampling Locations and Analytical Parameter List

Edward Allen Landfill

Corning, New York

Final

Sampling Point	Position Relative to Landfill	Annual Monitoring Event (September)			
		Metals	VOC	PID	CGM
MONITORING WELL					
MW-4S	On property, down gradient base of the landfill cap	X			
MW-4D	On property, down gradient base of the landfill cap	X			
MW-7S	Off property cross/down gradient	X	X		
MW-7D	Off property cross/down gradient	X	X		
MW-10S	On property near seepage recovery tanks	X			
MW-10D	On property near seepage recovery tanks	X			
MW-11S	Off property, down gradient	X			
MW-11D	Off property, down gradient	X			
MW-12S	Off property, down gradient	X			
MW-12D	Off property, down gradient	X			
MW-13S	Off property, down gradient	X	X		
MW-13D	Off property, down gradient	X	X		
MW-14S	Off property, up gradient	X			
MW-15S	Off property, up gradient	X			
MW-15I	Off property, up gradient	X			
MW-15D	Off property, up gradient	X			
RESIDENTIAL SAMPLING					
Allen	Off property, down gradient	X			
Horrigan/Subroto	Off property, down gradient	X			
Peckham (formerly Rarrick)	Off property, down gradient	X			
LANDFILL GAS VENT (LGV) AIR MONITORING					
LGV-1 through LGV-24	On property			X	X

Notes:

Metals = TAL metals analyzed by EPA Methods 6010C & 7470A

VOCs = Volatile organic compounds analyzed by EPA Method 8260B

PID = Photoionization detector

CGM = Combustible gas meter

TABLE 2
LABORATORY ANALYSIS OF GROUNDWATER SAMPLES
TAL METALS (mg/L)
EDWARD ALLEN LANDFILL
CORNING, NEW YORK
Final

Data Are Reported in mg/L

Well ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
	NYS GA (mg/L)		**0.003***	**0.025***	**1.000***	**0.003****	**0.005***		**0.050***		**0.200***	**0.300***	**0.025***	**35****	**0.300***	**0.100***		**0.010***	**0.050***	**20***	**0.0005****		**2****	**0.0007***
MW-4S	12/13/95	0.8	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	82.5	0.010 U	0.050 U	0.025 U	**2.5**	0.003 U	21.9	**1.3**	0.040 U	6.8	0.005 U	0.010 U	**38.7**	0.010 U	0.050 U	0.050 U	0.0002 U
	3/27/96	0.200 U	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	73.4	0.010 U	0.050 U	0.025 U	**2.1**	0.003 U	19.5	**1.2**	0.040 U	6	0.005 U	0.010 U	**24.7**	0.010 U	0.050 U	0.050 U	0.0002 U
	7/1/96	0.71	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	68.7	0.010 U	0.050 U	0.025 U	**4.2**	0.003 U	17.1	**1.2**	0.040 U	5.00 U	0.005 U	0.010 U	**21.5**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/16/96	0.200 U	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	64.7	0.010 U	0.050 U	0.025 U	**2.5**	0.003 U	14.8	**1.1**	0.040 U	5.00 U	0.005 U	0.010 U	**22.2**	0.010 U	0.050 U	0.050 U	0.0002 U
	4/3/97	0.200 U	0.060 U	0.010 U	0.33	0.005 U	0.005 U	74.5	0.010 U	0.050 U	0.025 U	**2**	0.003 U	19.2	**1.2**	0.040 U	5.00 U	0.005 U	0.010 U	**20.8**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/23/97	1.2	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	69.1	0.010 U	0.050 U	0.025 U	**4.9**	0.003 U	16.1	**1.4**	0.040 U	5.00 U	0.005 U	0.010 U	19.9	0.010 U	0.050 U	0.050 U	0.0002 U
	4/30/98	0.82	0.060 U	0.011	0.200 U	0.005 U	0.005 U	77.1	0.010 U	0.050 U	0.025 U	**2.6**	0.003 U	17.4	**1.2**	0.040 U	5.00 U	0.005 U	0.010 U	**20.5**	0.010 U	0.050 U	0.16	0.0002 U
	10/29/98	0.68	0.060 U	0.013	0.200 U	0.005 U	0.005 U	84.9	0.010 U	0.050 U	0.025 U	**3.9**	0.003 U	18.9	**1.9**	0.040 U	5.00 U	0.005 U	0.010 U	**22.4**	0.010 U	0.050 U	0.051	0.0002 U
	5/3/99	0.200 U	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	61.9	0.010 U	0.050 U	0.025 U	0.100 U	0.003 U	12.9	**0.54**	0.040 U	5.00 U	0.005 U	0.010 U	18.7	0.010 U	0.050 U	0.050 U	0.0002 U
	10/11/99	0.21	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	95.4	0.010 U	0.050 U	0.025 U	**5**	0.003 U	22.5	**0.54**	0.040 U	5.00 U	0.005 U	0.010 U	**26**	0.010 U	0.050 U	0.050 U	0.0002 U
	5/11/00	0.200 U	0.060 U	0.008	0.14	0.005 U	0.005 U	90.4	0.010 U	0.050 U	0.025 U	**4.21**	0.002	22.7	**2.33**	0.040 U	2.37	0.005 U	0.010 U	**31.7**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/28/00	0.200 U	0.060 U	0.008	0.139	0.005 U	0.005 U	-	0.010 U	0.050 U	0.025 U	**4.61**	0.007	22	-	0.021	2.33	0.005 U	0.010 U	**26.4**	0.010 U	0.050 U	0.050 U	0.0002 U
	4/29/01	0.200 U	0.060 U	0.005	0.121	0.005 U	0.005 U	-	0.010 U	0.050 U	0.025 U	**3.28**	0.002	21.9	-	0.040 U	2.21	0.005 U	0.010 U	**29.9**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/25/01	0.075 U	0.05 U	0.014	0.139	0.002 U	0.005 U	-	0.01 U	0.01 U	0.017 U	**4.22**	0.006 U	20.1	-	0.012 U	2.05	0.005 U	0.01 U	**31.4**	0.001 U	0.01 U	0.023 U	0.0002 U
	6/2/02	0.075 U	0.05 U	0.004	0.111	0.002 U	0.001 U	79.5	0.002 U	0.01 U	0.017 U	**1.36**	0.001 U	19.8	**1.28**	0.012 U	1.6	0.001 U	0.001 U	**48**	0.001 U	0.01 U	0.02 U	0.0002 U
	5/18/03	0.075 U	0.05 U	0.006	0.117	0.002 U	0.001 U	85.2	0.002 U	0.01 U	0.017 U	**2.29**	0.001 U	20.8	**1.66**	0.014	1.93	0.001 U	0.001 U	**40.7**	0.001 U	0.01 U	0.02 U	0.0002 U
	5/13/04	0.1 U	0.050 U	0.005	0.106	0.002 U	0.001 U	82.4	0.002 U	0.010 U	0.017 U	**2.02**	0.001 U	20.2	**2.1**	0.012 U	2.65	0.001 U	0.010 U	**39.3**	0.001 U	0.010 U	0.012	0.0002 U
	7/16/05	0.075 U	0.0016	0.0118	0.161	0.0020 U	0.0010 U	72	0.0020 U	0.010 U	0.017 U	**4.9**	0.0054	17.9	**3.5**	0.012 U	2.63	0.0010 U	0.010 U	**40.7**	0.0010 U	0.010 U	0.020 U	0.0002 U
	6/19/06	0.100 U	0.060 U	0.050 U	0.136	0.005 U	0.005 U	90.4	0.005 U	0.050 U	0.005 U	**4.94**	0.005 U	20.8	**3.09**	0.020 U	2.39	0.005 U	0.010 U	**35.1**	0.010 U	0.020 U	0.018	0.0002 U
	6/18/07	0.100 U	0.060 U	0.011	0.122	0.005 U	0.005 U	90 J	0.005 U	0.050 U	0.007	**4.1 J**	0.005 UJ	21.8 J	**2.56 J**	0.020 U	2.37	0.005 J	0.010 U	**29.3 J**	0.010 R	0.020 U	0.010 U	0.0002 UJ
	6/30/08	0.100 U	0.060 U	0.005 U	0.133	0.005 U	0.005 U	92	0.005 U	0.050 U	0.005 U	**7.55 J**	0.005 U	20.7	**3.91 J**	0.020 U	2.28 J	0.005 U	0.010 U	**40.4 J**	0.010 UJ	0.020 U	0.010 U	0.0002 U
	6/8/09	0.034 J	0.0051 R	0.0022 U	0.083 J	0.00024 U	0.00031 U	87.2	0.0052 U	0.00081 J	0.0025 U	**4.1 J**	0.0014 U	21.2	**2.73**	0.00066 U	2.31 J	0.0071 U	0.0014 U	**54.7 J**	0.0134 R	0.0086 U	0.0021 J	0.0002 UJ
	7/12/10	0.050 J	0.060 U	0.0047 J	0.0812	0.005 U	0.0003 J	84.9	0.005 U	0.050 U	0.005 U	**3.74**	0.005 U	20.1	**2.81**	0.0007 J	2.33 J	0.005 U	0.010 UJ	**53.4 J**	0.010 U	0.020 U	0.008 J	0.0002 U
	7/14/11	0.0081 U	0.0196 U	0.0073 U	0.0884 J	0.00014 U	0.00035 J	83.4	0.0047 U	0.00043 U	0.0042 U	**4.14 J**	0.0031	19.2	**3.64**	0.0027 J	2.19 J	0.0025 U	0.0028 U	**57.1 J**	0.0021 U	0.0049 U	0.0023 J	0.00006 U
	7/11/12	0.100 U	0.060 U	0.015 J	0.096 J	0.005 U	0.005 U	94.4	0.005 U	0.050 U	0.005 U	**9.14 J**	0.005 U	22.5	**3.13 J**	0.020 U	2.63 J	0.005 UJ	0.010 UJ	**31.5 J**	0.010 UJ	0.020 U	0.010 U	0.00006 U
	7/15/13	0.0061 U	0.002 U	0.0098 J	0.0777 J	0.0001 U	0.00028 J	81.2 J	0.0027 U	0.00087 J	0.0025 J	**2.87**	0.0021 U	19.7 J	**2.48**	0.00063 J	1.86 J	0.0031 U	0.0027 U	**40 J**	0.0035 J	0.0109 U	0.0052 U	0.00015 U
	9/16/14	0.0157 U	0.0028 U	0.0053 J	0.0928 J	0.00022 U	0.00041 U	115	0.0028 U	0.0019 J	0.0027 U	**4.8 J**	0.0021 U	22.2	**3.09**	0.00072 J	1.97 J	0.0015 U	0.0035 UJ	**58.3**	0.003 R	0.0042 U	0.0059 U	0.00004 U
	9/16/15	0.022 U	0.0037 U	0.0121	0.0879 J	0.00041 U	0.0044 U	90.6	0.0099 U	0.00081 J	0.0024 U	**3.31J**	0.0029 U	22.4	**3.4**	0.00080 U	22.5	0.0042 UJ	0.0025 U	**40.7J**	0.0043 R	0.0051 U	0.002 U	0.00005 U
	9/29/16	0.016 U	0.0027 U	0.0097 B	0.0855 B	0.0012 U	0.0013 B	92	0.0069 U	0.0011 B	0.0037 B	**1.91 J**	0.0024 U	22.8	**2.21**	0.00041 B	2.03	0.0034 U	0.0039 U	**40.800 B**	0.0035 R	0.0042 U	0.0063 B	0.00003 U
	11/29/17	0.0553	0.00042 U	0.00024 J	0.2324	0.00010 U	0.00005 U	128	0.00041 J	0.00049 J	0.00048 J	**0.0988**	0.00034 U	17.7	**0.4988**	0.00238	2.60	0.00173 U	0.00016 U	**41.2**	0.00014 U	0.00157 U	0.00341 U	0.00006 U
	10/26/18	0.0072 J	0.004 U	0.00805	0.07675	0.0005 U	0.00007 J	76.4	0.001 U	0.00028 J	0.00046 J	**4.11**	0.001 U	18.4	**2.175**	0.00057 J	1.83	0.005 U	0.0004 U	**45.3**	0.0005 U	0.005 U	0.01 U	0.0002 U
	11/7/19	0.0124	0.00185 J	0.00622	0.06552	0.0005 U	0.00018 J	85.0	0.00032 J	0.00024 J	0.00056 J	**3.61**	0.001 U	21.0	**1.447**	0.00070 J	1.65	0.005 U	0.0004 U	**39.9**	0.0005 U	0.005 U	0.01 U	0.0002 U
	11/5/20	0.0078 J	0.004 U	0.01164	0.117	0.0005 U	0.0002 U	96.2	0.00034 J	0.00029 J	0.001 U	**5.59 J+**	0.001 U	19.4	**1.919**	0.00058 J	1.97	0.005 U	0.0004 U	**30.6**	0.001 U	0.005 U	0.01 U	0.0002 U
	11/4/21	0.0109	0.00134 J	0.01014	0.09275	0.0005 U	0.00008 J	85.2	0.00019 J	0.00072	0.002 U	**7.26**	0.001 U	20.9	**2.357**	0.00102 J	1.69	0.005 U	0.0004 U	**41.8**	0.001 U	0.005 U	0.01054	0.0002 U
	9/13/22	0.071 J	0.007 U	0.004 J	0.075	0.001 U	0.001 U	86.6	0.002 U	0.002 U	0.002 U	**2.28**	0.003 U	20.2	**2.42**	0.002 U	1.75 J	0.004 U	0.003 U	**35.9**	0.003 U	0.002 U	0.004 J	0.00009 J
	9/27/23	0.0110	0.004 U	0.00646	0.08802	0.0005 U	0.0002 U	94.7	0.00033 J	0.00042 J	0.00085 J	**2.70**	0.001 U	21.3	**3.517**	0.00129 J	1.90	0.005 U	0.0004 U	**36.8**	0.001 U	0.005 U	0.01 U	0.0002 U
MW-4D	12/13/95	0.76	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	55.6	0.010 U	0.050 U	0.025 U	**0.97**	0.003 U	12.9	**0.5**	0.040 U	5.00 U	0.005 U	0.010 U	17.1	0.010 U	0.050 U	0.050 U	0.002 U
	3/27/96	0.200 U	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	55.4	0.010 U	0.050 U	0.025 U	0.100 U	0.003 U	12.8	**0.52**	0.040 U	5.00 U	0.005 U	0.010 U	16.5	0.010 U	0.050 U	0.050 U	0.002 U
	7/2/96	0.21	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	45.6	0.010 U	0.050 U	0.025 U	0.2	0.003 U	10.7	**0.46**	0.040 U	5.00 U	0.005 U	0.010 U	14.4	0.010 U	0.050 U	0.050 U	0.002 U
	10/16/96	0.200 U	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	54.1	0.010 U	0.050 U	0.025 U	0.2	0.003 U	11.8	**0.5**	0.040 U	5.00 U	0.005 U	0.010 U	18.6	0.010 U	0.050 U	0.050 U	0.002 U
	4/3/97	0.200 U	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	55.4	0.010 U	0.050 U	0.025 U	0.19	0.003 U	12.2	**0.47**	0.040 U	5.00 U	0.005 U	0.010 U	18.5	0.010 U	0.050 U	0.050 U	0.002 U
	10/23/97	0.200 U	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	46.1	0.010 U	0.050 U	0.025 U	0.18	0.003 U	9.5	**0.41**	0.040 U	5.00 U	0.005 U	0.010 U	15.3	0.010 U	0.050 U	0.050 U	0.002 U
	4/30/98	0.200 U	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	55.2	0.010 U	0.050 U	0.025 U	0.100 U	0.003 U	11.6	**0.5**	0.040 U	5.00 U	0.005 U	0.010 U	17.3	0.010 U	0.050 U	0.050 U	0.002 U
	10/27/98	0.200 U	0.060 U	0.010 U	0.021	0.005 U	0.005 U	66.2	0.010 U	0.050 U	0.025 U	0.100 U	0.003 U	13.7	**0.62**	0.040 U	5.00 U	0.005 U	0.010 U	19.7	0.010 U	0.050 U	0.050 U	0.002 U
	5/3/99	0.200 U	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	105	0.010 U	0.050 U	0.025 U	**4.8**	0.003 U	24.4	**2.4**	0.040 U	5.00 U	0.005 U	0.010 U	**39.4**	0.010 U	0.050 U	0.050 U	0.002 U
	10/11/99	0.200 U	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	50.9	0.010 U	0.050 U	0.025 U	0.100 U	0.003 U	8.4	**0.75**	0.040 U	5.00 U	0.005 U	0.010 U	13.3	0.01	0.050 U	0.050 U	0.002 U
	5/11/00	0.200 U	0.060 U	0.003	0.202	0.005 U	0.005 U	58.4	0.010 U	0.050 U	0.025 U	**7.08**	0.004	13	**1.08**	0.040 U	1.98	0.005 U	0.010 U	18.3	0.010 U	0.050 U	0.050 U	0.002 U
	10/28/00	0.200 U	0.060 U	0.010 U	0.2	0.005 U	0.005 U	-	0.010 U	0.050 U	0.025 U	0.238	0.003	14.8	-	0.040 U	2.18	0.005 U	0.010 U	17.4	0.010 U	0.050 U	0.050 U	0.002 U
	4/30/01	0.200 U	0.060 U	0.010 U	0.167	0.005 U	0.005 U	-	0.010 U	0.050 U	0.025 U	0.141	0.002	13.9	-	0.040 U	2.9	0.005 U	0.010 U	19.5	0.010 U	0.050 U	0.050 U	0.002 U
	10/25/01	0.075 U	0.05 U	0.005 U	0.197	0.002 U	0.005 U	-	0.010 U	0.01 U	0.017 U	0.11	0.020 U	15.4	-	0.012 U	2.04	0.005 U	0.01 U	17.7	0.001 U	0.01 U	0.049	0.002 U
	6/2/02	0.075 U	0.05 U	0.001 U	0.166	0.002 U	0.001 U	60.1	0.002 U	0.01 U	0.017 U	0.084	0.001 U	14.1	0.049	0.012 U	2.14	0.001 U	0.001 U	18.5	0.001 U	0.01 U	0.02 U	0.0002 U
	11/24/02	0.075 U	0.001 U	0.001	0.165	0.002 U	0.005 U	56.9	0.01 U	0.01 U	0.017 U	**0.378**	0.001 U	12.5	**0.745**	0.012 U	2.47	0.001 U	0.01 U	17.7	0.001 U	0.01 U	0.02 U	0.0002 U
	5/18/03	0.075 U	0.05 U	0.001 U	0.165	0.002 U	0.001 U	57.6	0.002 U	0.01 U	0.017 U	0.105	0.001 U	12.8	**0.333**	0.012 U	1.89	0.001 U	0.001 U	15.7	0.001 U	0.01 U	0.02 U	0.0002 U
	10/25/03	0.075 U	0.001 U	0.001 U	0.185	0.002 U	0.001 U	59.4	0.002 U	0.001 U	0.017 U	0.108	0.001 U	13	**0.854**	0.001 U	2.05	0.001 U	0.001 U	17.2	0.001 U	0.001 U	0.02 U	0.0002 U
	5/13/04	0.1 U	0.050 U	0.007	0.171	0.002 U	0.001 U	125	0.002 U	0.010 U	0.017 U	**13.9**	0.001 U	27	**4.56**	0.016	3.72	0.001 U	0.010 U	14.8	0.001 U	0.010 U	0.05	0.0002 U
	10/31/04	0.075 U	0.05 U	0.0014	0.171	0.0020 U	0.0010 U	61.2	0.0020 U	0.010 U	0.017 U	**1.96**	**0.031**	13.6	**1.34**	0.012 U	2.94	0.0010 U	0.010 U	18.3	0.0010 U	0.010 U	0.020 U	0.0002 U

TABLE 2
LABORATORY ANALYSIS OF GROUNDWATER SAMPLES
TAL METALS (mg/L)
EDWARD ALLEN LANDFILL
CORNING, NEW YORK
Final

Data Are Reported in mg/L

Well ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
	NYS GA (mg/L)		**0.003***	**0.025***	**1.000***	**0.003****	**0.005***		**0.050***		**0.200***	**0.300***	**0.025***	**35****	**0.300***	**0.100***		**0.010***	**0.050***	**20***	**0.0005****		**2****	**0.0007***
	7/16/05	0.075 U	0.0010 U	0.0198	0.627	0.0020 U	0.0010 U	109	0.0020 U	0.010 U	0.017 U	**55.1**	0.0029	23.3	**22.2**	0.088	2.59	0.0010 U	0.010 U	13.8	0.0010 U	0.010 U	0.020 U	0.0002 U
	11/12/05	0.075 U	0.050 U	0.0042	0.094	0.0020 U	0.0010 U	60.2	0.0020 U	0.010 U	0.017 U	**12.3**	0.0010 U	13.6	**1.06**	0.012 U	3.23	0.0010 U	0.010 U	18.6	0.0010 U	0.010 U	0.020 U	0.0002 U
	6/19/06	0.100 U	0.060 U	0.050 U	0.209	0.005 U	0.005 U	61.9	0.005 U	0.050 U	0.005 U	**1.33**	0.005 U	12.6	**0.813**	0.020 U	2.13	0.005 U	0.010 U	14.4	0.010 U	0.020 U	0.013	0.0002 U
	11/14/06	0.0226 J	**0.104**	0.0061 J	0.228	0.00035 B	0.0015 U	71.7	0.0037 U	0.023 J	0.002 U	0.265	0.0024 U	14.3	**0.744**	0.0013 U	2.48 J	0.004 U	0.0036 U	17.3	0.0034 U	0.0063 U	0.0022 U	0.00006 U
	6/18/07	0.100 U	0.060 U	0.005 U	0.227	0.005 U	0.005 U	115 J	0.005 U	0.050 U	0.005 U	**14.6 J**	0.005 UJ	25.5 J	**0.993 J**	0.020 U	2.34	0.005 UJ	0.010 U	10.9 J	0.010 R	0.020 U	0.010 U	0.0002 UJ
	11/26/07	0.325 J	0.0162U	0.0024U	0.311 J	0.0003 U	0.0005 U	92.7 J	0.0027 U	0.0009 U	0.0039 J	**1.4 J**	0.0016 U	22.1	**0.963 J**	0.0009 U	2.64 J	0.0024 UJ	0.0024 U	17.4	0.0016 UJ	0.0065 U	0.0011 U	0.00006 UJ
	6/30/08	0.100 U	0.060 U	0.005 U	0.27	0.005 U	0.005 U	85.1	0.005 U	0.050 U	0.005 U	**0.354 J**	0.005 U	17.5	**0.921 J**	0.020 U	2.57 J	0.005 U	0.010 U	**20.4 J**	0.010 UJ	0.020 U	0.010 U	0.0002 U
	6/8/09	0.014 U	0.0051 R	0.0022 U	0.25	0.00024 U	0.00031 U	84.5	0.0052 U	0.00049 U	0.0025 U	**0.893 J**	0.0014 U	18	**0.692**	0.00066 U	2.47 J	0.0023 U	0.0014 U	17.5 J	0.0027 R	0.0086 U	0.0014 U	0.0002 UJ
	7/12/10	0.031 J	0.060 U	0.005 U	0.215	0.0001 J	0.0002 J	69.1	0.0050 U	0.050 U	0.0050 U	0.266	0.0050 U	14.7	**0.778**	0.020 U	2.43 J	0.0050 U	0.010 UJ	18.1 J	0.010 U	0.020 U	0.0042	0.0002 U
	7/14/11	0.0081 U	0.0196 U	0.0086 U	0.211	0.00014 U	0.00016 J	106	0.0047 U	0.005 J	0.0031 J	**10.2 J**	0.0042	19.2	0.078	0.0021 J	2.97 J	0.0038 J	0.0028 U	8.76 J	**0.0078 J**	0.0073 J	0.00081 U	0.00006 U
	7/11/12	0.100 U	0.060 U	0.015 J	0.129 J	0.005 U	0.005 U	63.6	0.005 U	0.050 U	0.005 U	**0.372 J**	0.005 U	13.4	0.24 J	0.020 U	2.47 J	0.005 UJ	0.010 UJ	14.2 J	0.010 UJ	0.020 U	0.010 U	0.00006 U

TABLE 2
LABORATORY ANALYSIS OF GROUNDWATER SAMPLES
TAL METALS (mg/L)
EDWARD ALLEN LANDFILL
CORNING, NEW YORK
Final

Data Are Reported in mg/L

Well ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
	NYS GA (mg/L)		**0.003***	**0.025***	**1.000***	**0.003****	**0.005***		**0.050***		**0.200***	**0.300***	**0.025***	**35****	**0.300***	**0.100***		**0.010***	**0.050***	**20***	**0.0005****		**2****	**0.0007***
MW-4D	7/15/13	0.0061 U	0.002 U	0.0062 J	0.224	0.00017 J	0.00015 U	70.04 J	0.0027 U	0.00073 U	0.0011 U	0.153	0.0021 U	15 J	**0.695**	0.00046 U	2.23 J	0.0031 U	0.0027 U	19.2 J	0.0033 R	0.0109 U	0.0022 J	0.00015 U
	9/16/14	0.0157 U	0.0028 U	0.0022 U	0.162 J	0.00022 U	0.00041 U	92.9	0.0028 U	0.00097 J	0.0027 U	**3.04 J**	0.0021 U	19.1	0.224	0.00036 U	2.46 J	0.0015 U	0.004 UJ	12.5	0.003 R	0.0042 U	0.0093 U	0.00004 U
	9/16/15	0.022 U	0.0037 U	0.0034 J	0.143 J	0.00041 U	0.00044 U	64.4	0.0099 U	0.00058 U	0.0024 U	**1.29J**	0.0029 U	13.8	0.184	0.00080 U	2.07	0.0042 UJ	0.0025 U	18.2J	0.0043 R	0.0051 U	0.00039 U	0.00005 U
	9/26/16	0.016 U	0.0027	0.0028 U	0.124 B	0.00012 U	0.00037 U	80.8	0.0079 B	0.00058 B	0.0017 U	**0.818 J**	0.0024 U	1.63	0.067	0.0004 U	2.160 B	0.0034 U	0.0039 U	**40.8 B**	0.0035 R	0.0042 U	0.0063 B	0.00003 U
	11/29/17	0.0358	0.004 U	0.0012	0.3422	0.0005 U	0.0002 U	106	0.00029 J	0.00018 J	0.001U	0.297	0.00034U	22.8	**1.217**	0.00071 J	2.56	0.00173 U	0.00016 U	**29.1**	0.00014 U	0.00157 U	0.00341 U	0.00006 U
	10/26/18	0.0991	0.004 U	0.00348	0.415	0.0005 U	0.0002 U	85	0.001 U	0.00117	0.00102	**2.39**	0.00052 J	19	**3.292**	0.00128 J	2.36	0.005 U	0.0004 U	**31.7**	0.0005 U	0.005 U	0.01 U	0.0002 U
	11/7/19	0.0565	0.00059 J	0.00117	0.2204	0.0005 U	0.0002 U	109	0.00030 J	0.00032 J	0.00101	**1.8**	0.001 U	19.9	**0.9703**	0.00095 J	2.52	0.005 U	0.0004 U	11.7	0.0005 U	0.005 U	0.01 U	0.0002 U
	11/5/20	0.0712	0.004 U	0.00278	0.2678	0.0005 U	0.0002 U	77.8	0.00034 J	0.00076	0.00117	**2.45 J+**	0.001 U	14.7	**2.552**	0.00175 J	2.46	0.005 U	0.0004 U	**20.7**	0.001 U	0.005 U	0.01 U	0.0002 U
	11/4/21	0.0352	0.00073 J	0.00142	0.2324	0.0005 U	0.0002 U	68	0.001 U	0.00028 J	0.00044 J	**1.92**	0.001 U	14.1	**0.9812**	0.00072 J	2.17	0.005 U	0.0004 U	**20.7**	0.001 U	0.005 U	0.0118	0.0002 U
	10/24/22	0.2	0.0318 U	0.0119	0.437	0.0009 U	0.0010 U	111	0.0021 U	0.0017 J	0.0022 U	**13.0**	0.0027 U	22.0	**5.7**	0.0024 U	2.71	0.0035 U	0.0028 U	**26.4**	0.0025 U	0.002 U	0.0021 U	0.00009 U
	9/27/23	0.0121	0.004 U	0.00222	0.1291	0.0005 U	0.0002 U	84	0.00026 J	0.00038 J	0.00136 J	**2.16**	0.001 U	16.2	**1.087**	0.00073 J	2.56	0.005 U	0.0004 U	**22.6**	0.001 U	0.005 U	0.01 U	0.0002 U
MW-7S	12/12/95	1.4	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	95	0.010 U	0.050 U	0.025 U	**2.5**	0.003 U	21.7	**2.1**	0.040 U	5.00 U	0.005 U	0.010 U	**86.1**	0.010 U	0.050 U	0.067	0.0002 U
	3/28/96	U	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	84.9	0.010 U	0.050 U	0.025 U	U	0.003 U	20.5	**1.8**	0.040 U	5.00 U	0.005 U	0.010 U	**82.3**	0.010 U	0.050 U	0.050 U	0.0002 U
	7/1/96	0.98	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	82.4	0.010 U	0.050 U	0.025 U	**2.4**	0.003 U	19.4	**1.8**	0.040 U	5.00 U	0.005 U	0.010 U	**84**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/15/96	7.1	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	81.4	0.010 U	0.050 U	0.025 U	**12.5**	0.003 U	19.2	**2.1**	0.040 U	5.00 U	0.005 U	0.010 U	**113**	0.010 U	0.050 U	0.057	0.0002 U
	4/2/97	U	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	76.8	0.010 U	0.050 U	0.025 U	U	0.003 U	17.7	**1.9**	0.040 U	5.00 U	0.005 U	0.010 U	**87.8**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/23/97	0.59	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	84.4	0.010 U	0.050 U	0.025 U	**1**	0.003 U	17.6	**1.7**	0.040 U	5.00 U	0.005 U	0.010 U	**90.4**	0.010 U	0.050 U	0.2	0.0002 U
	4/30/98	0.66	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	92	0.010 U	0.050 U	0.025 U	**0.55**	0.003 U	20.2	**2.1**	0.040 U	5.00 U	0.005 U	0.010 U	**91.1**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/27/98	Well Dry - unable to collect samples																						
	5/3/99	1.1	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	86.7	0.010 U	0.050 U	0.025 U	**1.5**	0.003 U	18.8	**1.9**	0.040 U	5.00 U	0.005 U	0.010 U	**101**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/11/99	1.1	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	113	0.015	0.050 U	0.025 U	**1.5**	0.003 U	24.3	**2.1**	0.040 U	5.00 U	0.005 U	0.010 U	**94**	0.010 U	0.050 U	0.050 U	0.0002 U
	5/10/00	11	0.060 U	0.007	0.172	0.005 U	0.005 U	86	0.019	0.012	0.023	**17.2**	0.005	22.3	**2.38**	0.028	4.67	0.005 U	0.010 U	**81.5**	0.010 U	0.014	0.047	0.0002 U
	10/29/00	0.334	0.060 U	0.010 U	0.07	0.005 U	0.005 U		0.010 U	0.050 U	0.025 U	**0.59**	0.003	20	-	0.040 U	2.34	0.005 U	0.010 U	**90.7**	0.010 U	0.050 U	0.050 U	0.0002 U
	4/30/01	0.354	0.060 U	0.010 U	0.066	0.005 U	0.005 U		0.010 U	0.050 U	0.025 U	**0.628**	0.002	20.2	-	0.040 U	2.22	0.005 U	0.010 U	**83.5**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/25/01	0.075 U	0.05 U	0.005 U	0.054	0.002 U	0.005 U		0.01 U	0.01 U	0.017 U	0.344	0.002 U	18	-	0.014 U	2.63	0.005 U	0.01 U	92.9	0.001 U	0.01 U	0.026 U	0.0002 U
	6/2/02	0.586	0.05 U	0.001 U	0.052	0.002 U	0.001 U	74.6	0.002 U	0.01 U	0.017 U	**0.917**	0.001 U	17.2	**1.56**	0.012 U	2	0.001 U	0.001 U	**89.2**	0.001 U	0.01 U	0.02 U	0.0002 U
	11/24/02	No Metals Required																						
	5/18/03	0.118	0.05 U	0.001 U	0.065	0.002 U	0.001 U	76	0.002 U	0.01 U	0.017 U	0.159	0.001 U	18.6	**0.631**	0.012 U	3.85	0.001 U	0.001 U	**68.8**	0.001 U	0.01 U	0.02 U	0.0002 U
	10/25/03	No Metals Required																						
	5/13/04	0.945	0.050 U	0.001 U	0.067	0.002 U	0.001 U	92.1	0.002 U	0.010 U	0.017 U	**0.763**	0.002	21.5	**1.26**	0.012 U	4.3	0.001 U	0.010 U	**81.7**	0.001 U	0.010 U	0.068	0.0002 U
	10/31/04	No Metals Required																						
	7/16/05	0.129	0.0010 U	0.0010 U	0.066	0.0020 U	0.0010 U	89.2	0.0020 U	0.010 U	0.017 U	**0.457**	0.002	20.8	**2.04**	0.012 U	3.43	0.0010 U	0.010 U	**91.5**	0.0010 U	0.010 U	0.020 U	0.0002 U
	11/12/05	No Metals Required																						
	6/19/06	3.98	0.060 U	0.050 U	0.201	0.005 U	0.005 U	98.4	0.01	0.050 U	0.015	**9.5**	0.005 U	21.3	**7.24**	0.020 U	10	0.005 U	0.010 U	**40.4**	0.010 U	0.020 U	0.038	0.0002 U
	11/14/06	No Metals Required																						
	6/18/07	0.100 U	0.060 U	0.005 U	0.107	0.005 U	0.005 U	75.8 J	0.005 U	0.050 U	0.013	0.092 J	0.005 UJ	21.8 J	**7.24 J**	0.020 U	10.7	0.005 UJ	0.010 U	**30.9 J**	0.010 R	0.020 U	0.014	0.0002 UJ
	6/30/08	0.446	0.060 U	0.005 U	0.07	0.005 U	0.005 U	74	0.005 U	0.050 U	0.005 U	**0.966 J**	0.005 U	17.5	**1.3 J**	0.020 U	7.34 J	0.005 U	0.010 U	**47.5 J**	0.010 UJ	0.020 U	0.010 U	0.0002 U
	6/8/09	0.146 J	0.0051 R	0.0022 U	0.0713 J	0.00024 U	0.00031 U	73.9	0.0052 U	0.00093 J	0.0042 J	0.148 J	0.0014 U	16.8	**1.52**	0.0015 J	2.68 J	0.0071 J	0.0014 U	**51.9 J**	0.0027 R	0.0086 U	0.0018 J	0.0002 UJ
	7/12/10	0.495	0.060 U	0.0050 U	0.0529	0.0001 J	0.0050 U	63.1	0.0050 U	0.0006 J	0.0081	**0.963**	0.0050 U	14	**1.6**	0.0022 J	3.15 J	0.0050 U	0.010 UJ	**69.7 J**	0.010 U	0.020 U	0.0076 J	0.0002 U
	7/14/11	0.191 J	0.0196 U	0.0015 U	0.0915 J	0.00014 U	0.00054 J	76	0.0047 U	0.0023 J	0.0079 J	**0.719 J**	0.0035	18.1	**2.9**	0.0029 J	6.09 J	0.0026 J	0.0028 U	**60.5 J**	0.0021 U	0.0049 U	0.0071 J	0.00006 U
	7/11/12	0.100 U	0.060 U	0.005 J	0.051 J	0.005 U	0.005 U	85.8	0.005 U	0.050 U	0.005 U	0.005 U	0.005 U	20.1	**1.17 J**	0.020 U	4.84 J	0.005 UJ	0.010 UJ	**47.4 J**	0.010 UJ	0.020 U	0.010 U	0.00006 U
	7/15/13	0.0061 U	0.002 U	0.0069 J	0.0385 J	0.0001 U	0.00035 U	74.5 J	0.0027 U	0.00073 U	0.0043 J	0.003 J	0.0021 U	17.1 J	**1.57**	0.0025 J	3.02 J	0.0031 U	0.0027 U	**109 J**	0.0033 R	0.0109 U	0.00078 U	0.00015 U
	9/15/14	0.0157 U	0.0028 U	0.0041 J	0.083 J	0.00022 U	0.00041 U	106	0.0028 U	0.0018 J	0.0038 J	0.0467 J	0.0021 U	20.1	**2.13**	0.0029 J	3.37 J	0.0015 U	0.0052 UJ	**76.9**	0.003 R	0.0042 U	0.0032 U	0.00004 U
	9/16/15	0.022 U	0.0037 U	0.0039 J	0.0706 J	0.00041 U	0.00044 U	82.9	0.0099 U	0.00097 J	0.0028 J	0.0865 J	0.0029 U	19.5	**1.79**	0.0023 J	2.69 J	0.0043 UJ	0.0025 U	**56.8J**	0.0043 R	0.0051 U	0.00040 J	0.00005 U
	9/26/16	0.486	0.0027 U	0.0062 B	0.108 B	0.00013 B	0.00037 U	96.2	0.0069 U	0.0019 B	0.0023 B	0.599 R	0.0024 U	22.3	**2.07**	0.0029 B	3.070 B	0.0034 U	0.0039 U	**68.7**	0.0035 R	0.0042 U	0.0046 B	0.00003 U
	11/28/17	0.0862	0.00042 U	0.00031 J	0.07490	0.00010 U	0.00005 U	91.7	0.00046 J	0.00083	0.00371	0.168	0.00034 U	19.9	**1.878**	0.00238	2.28	0.00173 U	0.00016 U	**53.4**	0.00014 U	0.00157 U	0.00341 U	0.00006 U
	11/28/17 DUP	0.0771	0.00042 U	0.00029 J	0.07516	0.00010 U	0.00005 U	101	0.00051 J	0.00085	0.00434	0.154	0.00034 U	21.6	**1.928**	0.00266	2.55	0.00173 U	0.00016 U	**57.7**	0.00014 U	0.00157 U	0.00341 U	0.00006 U
	10/24/18	0.166	0.004 U	0.0006	0.08061	0.0005 U	0.00032	90.9	0.001 U	0.00152	0.00224	**0.337**	0.00212	20.5	**1.538**	0.00243	2.88	0.005 U	0.0004 U	**68.3**	0.0005 U	0.005 U	0.01 U	0.0002 U
	11/6/19	0.022	0.004 U	0.00035 J	0.07327	0.0005 U	0.00008 J	103	0.00025 J	0.0011	0.00178	0.0608	0.001 U	23.	**2.06**	0.00244	2.59	0.005 U	0.0004 U	**59.8**	0.0005 U	0.005 U	0.01 U	0.0002 U
	11/6/19 DUP	0.02	0.004 U	0.00030 J	0.07229	0.0005 U	0.0002 U	104	0.00025 J	0.00106	0.00175	0.0480 J	0.001 U	22.7	**2.061**	0.0024	2.58	0.005 U	0.0004 U	**59.6**	0.0005 U	0.005 U	0.01 U	0.0002 U
	11/3/20	0.0753	0.004 U	0.00055	0.09208	0.0005 U	0.00008 J	109	0.00057 J	0.00127	0.00299	0.236 J+	0.00072 J	23.4	**2.613**	0.00314	5.67	0.005 U	0.0004 U	**62.9**	0.001 U	0.005 U	0.00498 J	0.0002 U
	11/3/20 DUP	0.0728	0.004 U	0.00054	0.09259	0.0005 U	0.00009 J	112	0.00065 J	0.0013	0.00297	0.226 J+	0.00085 J	23.7	**2.595**	0.00324	6.26	0.005 U	0.0004 U	**63.8**	0.001 U	0.005 U	0.0057 J	0.0002 U
	11/2/21	0.0603 J	0.004 U	0.0006	0.0724	0.0005 U	0.00006 J	95.7	0.00033 J	0.00133	0.00438	0.102 J	0.00131	20.8	**1.002**	0.00284	2.6	0.005 U	0.0004 U	**57.7**	0.001 U	0.005 U	0.01418	0.0002 U
	11/2/21 DUP	0.0905 J	0.0005 J	0.00061	0.07069	0.0005 U	0.00008 J	94.5	0.00033 J	0.00158	0.00514	0.156 J	0.00138	21.1	**1.026**	0.00316	2.6	0.005 U	0.0004 U	**60.6**	0.001 U	0.005 U	0.01376	0.0002 U
	9/16/22	0.032 U	0.007 U	0.002 U	0.071	0.001 U	0.001 U	101	0.002 U	0.002 U	0.002 J	0.032 J	0.003 U	21.6	**2.16**	0.003 J	2.56	0.004 U	0.003 U	**60.9**	0.003 U	0.002 U	0.005 J	0.00009 J
	9/28/23	0.0494	0.004 U	0.00042 J	0.07970	0.0005 U	0.00007 J	108	0.00055 J	0.00170	0.01573	0.184	0.00082 J	22.8	**1.912**	0.00354	3.57	0.005 U	0.0004 U	**60.7**	0.001 U	0.005 U	0.01158	0.0002 U

TABLE 2
LABORATORY ANALYSIS OF GROUNDWATER SAMPLES
TAL METALS (mg/L)
EDWARD ALLEN LANDFILL
CORNING, NEW YORK
Final

Data Are Reported in mg/L

Well ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
	NYS GA (mg/L)		**0.003***	**0.025***	**1.000***	**0.003****	**0.005***		**0.050***		**0.200***	**0.300***	**0.025***	**35****	**0.300***	**0.100***		**0.010***	**0.050***	**20***	**0.0005****		**2****	**0.0007***

TABLE 2
LABORATORY ANALYSIS OF GROUNDWATER SAMPLES
TAL METALS (mg/L)
EDWARD ALLEN LANDFILL
CORNING, NEW YORK
Final

Data Are Reported in mg/L

Well ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
	NYS GA (mg/L)		**0.003***	**0.025***	**1.000***	**0.003****	**0.005***		**0.050***		**0.200***	**0.300***	**0.025***	**35****	**0.300***	**0.100***		**0.010***	**0.050***	**20***	**0.0005****		**2****	**0.0007***
MW-7D	12/12/95	0.200 U	0.060 U	0.010 U	0.28	0.005 U	0.005 U	133	0.010U	0.050 U	0.025 U	0.100 U	0.003 U	20.5	0.24	0.040 U	5.000 U	0.005 U	0.010 U	**39**	0.010 U	0.050 U	0.050 U	0.0002 U
	4/5/96	0.200 U	0.060 U	0.010 U	0.3	0.005 U	0.005 U	143	0.010U	0.050 U	0.025 U	0.100 U	0.003 U	20.9	0.19	0.040 U	5.000 U	0.005 U	0.010 U	**38**	0.010 U	0.050 U	0.050 U	0.0002 U
	7/1/96	0.200 U	0.060 U	0.010 U	0.24	0.005 U	0.005 U	113	0.010U	0.050 U	0.025 U	**0.45**	0.003 U	17.7	**0.37**	0.040 U	5.000 U	0.005 U	0.010 U	**30.6**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/15/96	3.6	0.060 U	0.010 U	0.3	0.005 U	0.005 U	127	0.010U	0.050 U	0.025 U	**5.1**	0.003 U	18.8	**0.42**	0.040 U	5.000 U	0.005 U	0.010 U	**40.4**	0.010 U	0.050 U	0.050 U	0.0002 U
	4/2/97	0.41	0.060 U	0.010 U	0.3	0.005 U	0.005 U	142	0.010U	0.050 U	0.025 U	**0.65**	0.003 U	20.9	**0.38**	0.040 U	5.000 U	0.005 U	0.010 U	**38.4**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/23/97	0.200 U	0.060 U	0.010 U	0.25	0.005 U	0.005 U	122	0.010U	0.050 U	0.025 U	0.100 U	0.003 U	16.9	0.3	0.040 U	5.000 U	0.005 U	0.010 U	**33.6**	0.010 U	0.050 U	0.050 U	0.0002 U
	4/30/98	1.3	0.060 U	0.010 U	0.24	0.005 U	0.005 U	114	0.010U	0.050 U	0.025 U	**1.5**	0.003 U	16.2	0.22	0.040 U	5.000 U	0.005 U	0.010 U	**35.7**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/27/98	Well Dry - unable to collect samples																						
	5/3/99	1	0.060 U	0.010 U	0.27	0.005 U	0.005 U	126	0.010U	0.050 U	0.025 U	**1.2**	0.003 U	17.8	0.28	0.040 U	5.000 U	0.005 U	0.010 U	**37.5**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/12/99	0.200 U	0.060 U	0.010 U	0.27	0.005 U	0.005 U	133	0.010U	0.050 U	0.025 U	0.25	0.003 U	19	0.19	0.040 U	5.000 U	0.005 U	0.010 U	**34.3**	0.010 U	0.050 U	0.050 U	0.0002 U
	5/11/00	0.200 U	0.060 U	0.010 U	0.251	0.005 U	0.005 U	118	0.012	0.050 U	0.025 U	0.174	0.002	17.9	0.275	0.040 U	2.16	0.005 U	0.010 U	**32**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/29/00	0.154	0.060 U	0.010 U	0.196	0.005 U	0.005 U		0.010 U	0.050 U	0.025 U	**0.444**	0.006	14.9		0.040 U	3.27	0.005 U	0.010 U	**30.1**	0.010 U	0.050 U	0.031	0.0002 U
	4/30/01	0.200 U	0.060 U	0.010 U	0.234	0.005 U	0.005 U		0.010 U	0.050 U	0.039	0.058	0.002	16.7		0.040 U	2.37	0.005 U	0.010 U	**31**	0.010 U	0.050 U	0.031	0.0002 U
	10/25/01	0.075 U	0.05 U	0.005 U	0.213	0.002 U	0.005 U		0.01 U	0.01 U	0.017 U	0.141	0.003 U	16.5		0.012 U	2.3	0.005 U	0.01 U	**27.7**	0.001 U	0.01 U	0.022	0.0002 U
	6/2/02	0.075 U	0.05 U	0.001 U	0.26	0.002 U	0.001 U	123	0.002 U	0.01 U	0.017 U	0.099	0.001 U	18.4	0.264	0.012 U	1.96	0.001 U	0.001 U	**31.1**	0.001 U	0.01 U	0.027	0.0002 U
	11/24/02	No Metals Required																						
	5/18/03	0.079	0.05 U	0.001 U	0.227	0.002 U	0.001 U	106	0.002 U	0.01 U	0.017 U	0.051	0.001	16.1	0.021	0.012 U	2.17	0.001 U	0.001 U	**26.6**	0.001 U	0.01 U	0.02 U	0.0002 U
MW-7D	10/25/03	No Metals Required																						
	5/13/04	0.1 U	0.050 U	0.001 U	0.252	0.002 U	0.001 U	115	0.002 U	0.010 U	0.017 U	0.089	0.001 U	16.7	0.199	0.012 U	2.98	0.001 U	0.010 U	**28.4**	0.001 U	0.010 U	0.054	0.0002 U
	10/31/04	No Metals Required																						
	7/16/05	0.075 U	0.0010 U	0.0010 U	0.251	0.0020 U	0.0010 U	121	0.0020 U	0.010 U	0.017 U	0.0717	0.0010 U	18.1	0.25	0.012 U	2.77	0.0010 U	0.010 U	**31.2**	0.0010 U	0.010 U	0.020 U	0.0002 U
	11/12/05	No Metals Required																						
	6/19/06	1.12	0.060 U	0.050 U	0.29	0.005 U	0.005 U	123	0.005 U	0.050 U	0.015	**2.14**	0.005 U	15.8	0.249	0.020 U	2.59	0.005 U	0.010 U	**23.5**	0.010 U	0.020 U	0.024	0.0002 U
	11/14/06	No Metals Required																						
	6/18/07	0.100 U	0.060 U	0.005 U	0.242	0.005 U	0.005 U	108 J	0.005 U	0.050 U	0.006	0.050 U	0.005 UJ	15.7 J	0.193 J	0.020 U	2.16	0.005 UJ	0.010 U	**22.7 J**	0.010 R	0.020 U	0.010 U	0.0002 UJ
	6/30/08	0.121	0.060 U	0.005 U	0.271	0.005 U	0.005 U	135	0.005 U	0.050 U	0.005 U	0.212 J	0.005 U	16.4	0.218 J	0.020 U	2.48 J	0.005 U	0.010 U	**28.4 J**	0.010 UJ	0.020 U	0.010 U	0.0002 U
	6/8/09	0.0361 J	0.0057 R	0.0022 U	0.234	0.00027 J	0.00031 U	122	0.0052 U	0.00063 J	0.0037 J	0.0074 J	0.0014 U	17.4	0.099	0.00088 J	2.75 J	0.0066 J	0.0014 U	**27.3 J**	0.0027 R	0.0086 U	0.0015 J	0.0002 UJ
	7/12/10	0.100 U	0.060 U	0.0050 U	0.236	0.0001 J	0.0050 U	105	0.0050 U	0.050 U	0.0022 J	0.033 J	0.0050 U	15.2	0.228	0.0008 J	2.44 J	0.0050 U	0.010 UJ	**30.2 J**	0.010 U	0.020 U	0.0048 J	0.0002 U
	7/14/11	0.0081 U	0.0196 U	0.0015 U	0.222	0.00014 U	0.00013 U	108	0.0047 U	0.00043 U	0.0025 U	0.00011 UJ	0.0019 U	16	0.181	0.0014 J	2.48 J	0.0025 U	0.0028 U	**28.7 J**	0.0021 U	0.0049 U	0.00081 U	0.00006 U
	7/11/12	0.100 U	0.060 U	0.008 J	0.258 J	0.005 U	0.005 U	125	0.005 U	0.050 U	0.005 U	0.050 U	0.005 U	18.1	0.223 J	0.020 U	3.06 J	0.005 UJ	0.010 UJ	**27.6 J**	0.010 UJ	0.020 U	0.010 U	0.00006 U
	7/15/13	0.0061 U	0.002 U	0.0094 J	0.209	0.0001 U	0.00097 J	100 J	0.0027 U	0.00073 U	0.00011 U	0.00058 J	0.0021 U	14.5 J	0.0184	0.0012 J	3.16 J	0.0031 U	0.0027 U	**31.9 J**	0.0033 R	0.0109 U	0.00078 U	0.00015 U
	9/15/14	0.0157 U	0.0028 U	0.0057 J	0.245	0.00022 U	0.00041 U	115	0.0028 U	0.0012 J	0.0027 U	0.033 J	0.0021 U	17.9	0.193	0.0016 J	2.88 J	0.0015 U	0.0018 UJ	**38.5**	0.003 R	0.0042 U	0.0032 U	0.00004 U
	9/16/15	0.022 U	0.0037 U	0.0042 J	0.222	0.00041 U	0.00044 U	108	0.0099 U	0.00062 J	0.0024 U	0.0101 UJ	0.0029 U	16.4	0.071	0.0013 J	2.68 J	0.0042 UJ	0.0025 U	**33J**	0.0043 R	0.0051 U	0.00039 U	0.00005 U
	9/29/16	0.0166 U	0.0027 U	0.0077 B	0.226	0.00012 U	0.00037 U	109	0.0007 B	0.00083 B	0.0024 B	0.0017 J	0.0024 U	16.6	0.0414	0.00097 B	2.97 B	0.0034 U	0.0039 U	**34.7**	0.0035 R	0.0042 U	0.00029 U	0.00003 U
	11/28/17	0.0553	0.00042 U	0.00024 J	0.2324	0.00010 U	0.00005 U	128	0.00041 J	0.00049 J	0.00048 J	0.0988	0.00034 U	17.7	**0.4988**	0.00238	2.60	0.00173 U	0.00016 U	**41.2**	0.00014 U	0.00157 U	0.00341 U	0.00006 U
	10/24/18	0.0153	0.004 U	0.0002 J	0.2627	0.0005 U	0.00011 J	117	0.001 U	0.0003 J	0.00055 J	0.0424 J	0.001 U	16.9	0.2481	0.0017 J	2.17	0.005 U	0.0004 U	**39.3**	0.0005 U	0.005 U	0.01 U	0.0002 U
	11/6/19	0.0141	0.00047 J	0.00024 J	0.2592	0.0005 U	0.00008 J	124	0.001 U	0.00034 J	0.00066 J	0.0411 J	0.001 U	17.2	0.2979	0.00162 J	2.37	0.005 U	0.0004 U	**33.2**	0.0005 U	0.005 U	0.01 U	0.0002 U
	11/3/20	0.0201	0.00071 J	0.0003 J	0.286	0.0005 U	0.0002 U	128	0.00026 J	0.0004 J	0.00091 J	0.07 U	0.001 U	17.1	0.2641	0.00171 J	2.42	0.005 U	0.0004 U	**35.7**	0.001 U	0.005 U	0.01 U	0.0002 U
	11/2/21	0.00958 J	0.00046 J	0.00037 J	0.2376	0.0005 U	0.0002 U	115	0.00028 J	0.00025 J	0.002 U	0.0201 J	0.001 U	16.1	0.1669	0.00161 J	2.19	0.005 U	0.0004 U	**33.3**	0.001 U	0.005 U	0.00889 J	0.0002 U
	9/14/22	0.032 U	0.007 U	0.002 U	0.217	0.001 U	0.001 U	118	0.002 U	0.002 U	0.002 U	0.021 J	0.003 U	16.4	0.164	0.002 U	2.39	0.004 U	0.003 U	**35.7**	0.003 U	0.002 U	0.004 J	0.00009 J
	9/28/23	0.0178	0.00054 J	0.00036 J	0.2089	0.0005 U	0.0002 U	120	0.00047 J	0.0005 U	0.00119 J	0.0435 J	0.001 U	15.8	0.04476	0.00131 J	2.88	0.005 U	0.0004 U	**32.7**	0.001 U	0.005 U	0.01 U	0.0002 U
MW-10S/ RMW/10S	12/13/95	2.5	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	55.5	0.010 U	0.050 U	0.025 U	**3.8**	0.003 U	9.9	**2.3**	0.040 U	5.00 U	0.005 U	0.010 U	17.4	0.010 U	0.050 U	0.050 U	0.0002 U
	4/5/96	0.200 U	0.060 U	0.010 U	0.99	0.005 U	0.005 U	6.5	0.010 U	0.050 U	0.025 U	0.100 U	0.003 U	8	U	0.040 U	25.1	0.005 U	0.010 U	**90.9**	0.010 U	0.050 U	0.050 U	0.0002 U
	7/2/96	0.24	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	56	0.010 U	0.050 U	0.025 U	**0.35**	0.003 U	9.5	**0.37**	0.040 U	5.00 U	0.005 U	0.010 U	13	0.010 U	0.050 U	0.050 U	0.0002 U
	10/16/96	0.21	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	50.4	0.010 U	0.050 U	0.025 U	**0.37**	0.003 U	8.7	**1.7**	0.040 U	5.00 U	0.005 U	0.010 U	13.6	0.010 U	0.050 U	0.050 U	0.0002 U
	4/2/97	1.2	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	50.4	0.010 U	0.050 U	0.025 U	**1.7**	0.003 U	8.5	**0.94**	0.040 U	5.00 U	0.005 U	0.010 U	12.4	0.010 U	0.050 U	0.050 U	0.0002 U
	10/23/97	Well Failure - unable to collect samples																						
	4/30/98	2.6	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	51.4	0.014	0.050 U	0.025 U	**3.8**	0.003 U	8.8	**1.5**	0.040 U	5.00 U	0.005 U	0.010 U	16.3	0.010 U	0.050 U	0.050 U	0.0002 U
	10/27/98	0.41	0.060 U	0.010 U	**1.2**	0.005 U	0.005 U	54.5	0.010 U	0.050 U	0.025 U	**1.3**	0.003 U	8.4	**1**	0.040 U	5.00 U	0.005 U	0.010 U	17.2	0.010 U	0.050 U	0.069	0.0002 U
	5/3/99	0.99	0.060 U	0.010 U	**1.2**	0.005 U	0.005 U	50.4	0.010 U	0.050 U	0.025 U	**1.9**	0.003 U	8.2	**1.6**	0.040 U	5.00 U	0.005 U	0.010 U	15	0.010 U	0.050 U	0.050 U	0.0002 U
	10/11/99	0.99	0.060 U	0.010 U	**1.2**	0.005 U	0.005 U	54.2	0.010 U	0.050 U	0.025 U	**1.9**	0.003 U	8.7	**1.1**	0.040 U	5.00 U	0.005 U	0.010 U	13.6	0.010 U	0.050 U	0.050 U	0.0002 U
	5/10/00	0.395	0.060 U	0.010 U	0.035	0.005 U	0.005 U	49.7	0.010 U	0.050 U	0.025 U	**0.704**	0.001	8.61	**1.33**	0.040 U	1.62	0.005 U	0.010 U	15.8	0.010 U	0.050 U	0.036	0.0002 U
	10/28/00	0.328	0.060 U	0.010 U	0.037	0.005 U	0.005 U		0.010 U	0.050 U	0.025 U	**0.649**	0.003	8.19		0.040 U	1.75	0.005 U	0.010 U	13.1	0.010 U	0.050 U	0.050 U	0.0002 U
	4/29/01	1.57	0.060 U	0.010 U	0.054	0.005 U	0.005 U		0.010 U	0.050 U	0.025 U	**2.82**	0.003	8.61		0.040 U	1.89	0.005 U	0.010 U	16.8	0.010 U	0.050 U	0.028	0.0002 U
	10/25/01	0.075 U	0.05 U	0.005	0.035	0.002 U	0.005		0.01	0.01 U	0.017 U	0.262	0.004	7.56		0.012	1.42	0.005	0.01 U	12.4	0.001 U	0.01 U	0.024	0.0002 U
	6/2/02	6.01	0.05 U	0.003	0.157	0.002 U	0.002	54.6	0.01	0.01 U	0.017 U	**10.5**	0.005	10.1	**6.61**	0.032	3.04	0.002	0.001 U	15.4	0.001 U	0.01 U	0.053	0.0002 U

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Well ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
	NYS GA (mg/L)		**0.003***	**0.025***	**1.000***	**0.003****	**0.005***		**0.050***		**0.200***	**0.300***	**0.025***	**35****	**0.300***	**0.100***		**0.010***	**0.050***	**20***	**0.0005****		**2****	**0.0007***
	5/18/03	2.4	0.05 U	0.001	0.06	0.002 U	0.001 U	49.7	0.003	0.01 U	0.017 U	**3.32**	0.003	8.18	**1.29**	0.015	2.03	0.001 U	0.001 U	12.1	0.001 U	0.01 U	0.02 U	0.0002 U
	5/14/04	0.238	0.050 U	0.001 U	0.162	0.002 U	0.001 U	42	0.003	0.010 U	0.017 U	**0.651**	0.003	6.7	**0.675**	0.012 U	1.74	0.001 U	0.010 U	12.1	0.001 U	0.010 U	0.017	0.0002 U
	7/16/05	Damaged Well - unable to collect samples																						
	6/19/06	Insufficient Recovery - unable to collect samples																						
	6/18/07	Insufficient Recovery - unable to collect samples																						
	6/30/08	9.42	0.060 U	0.005 U	0.149	0.005 U	0.005 U	44.5	0.016	0.050 U	0.01	**17.7 J**	0.009	8.3	**7.7 J**	0.020 U	2.74 J	0.005 U	0.010 U	12.1 J	0.010 UJ	0.020 U	0.051	0.0002 U
	6/8/09	0.878	0.0051 R	0.0022 U	0.0826 J	0.00035 J	0.001 J	49.6	0.0052 U	0.0015 J	0.0041 J	**1.44 J**	0.0014 U	6.93	**2.59**	0.003 J	1.34 J	0.0023 U	0.0014 U	11.5 J	0.0155 R	0.0086 U	0.057	0.0002 UJ
	7/12/10	0.541	0.060 U	0.0050 U	0.077	0.0003 J	0.0018 J	47	0.0050 U	0.0015 J	0.0038 J	**1.51**	0.0050 U	6.56	**4.09**	0.0034 J	1.71 J	0.0050 U	0.010 UJ	13.2 J	**0.0106**	0.020 U	0.0281	0.0002 U
	7/14/11	2.48	0.0196 U	0.0015 U	0.293	0.00023 J	**0.02**	60.8	0.0062 J	0.0053 J	0.0456	**5.38 J**	0.0161	7.71	**15.4**	0.0153 J	2.49 J	**0.016**	0.0028 U	13.7 J	**0.032 J**	0.0218 J	0.243	0.00007 J
	7/11/12	Well Failure - unable to collect samples																						
	7/15/13	Well Failure - unable to collect samples																						
	9/16/14	0.0157 U	0.0028 U	0.0026 J	0.0512 J	0.00022 U	0.00041 U	54.5	0.0028 U	0.0015 J	0.0027 U	**0.357 J**	0.0021 U	9.22	**2.6**	0.0012 J	4.9 J	0.0015 U	0.0032 UJ	18.1	**0.0051 J**	0.0042 U	0.0062 U	0.00004 U
	9/16/15	0.022 U	0.0037 U	0.0032 J	0.0031 J	0.00041 U	0.00044 U	55.3	0.0099 U	0.00058 U	0.0024 U	0.0235 UJ	0.0029 U	8.12	**1.18**	0.0012 J	3.2 J	0.0042 UJ	0.0025 U	15.5J	0.0043 R	0.0051 U	0.0476	0.00005 U
	9/26/16	11.6	0.0027 U	0.0049 B	1.35	0.0028 B	0.00082 B	98.6	0.0256	0.0068 B	0.00284	**0.941 J**	0.00249 B	12.6	**7.52**	0.00249 B	5.57	0.0034 U	0.0039 U	16.5	0.0202 R	0.0042 U	0.00726	0.00003 U
	11/29/17	0.380	0.00042 U	0.00052	0.03909	0.00010 U	0.00006 J	44.7	0.00126	0.00038 J	0.00117	**0.844**	0.00047 J	7.39	0.2778	0.00080 J	1.99	0.00173 U	0.00016 U	14.5	0.00014 U	0.00157 U	0.01549	0.00006 U
	10/26/18	7.86	0.004 U	0.00357	0.1729	0.00037 J	0.00011 J	50.8	0.001 J	0.00717	0.01202	**16**	0.00543	9.94	**1.418**	0.01514	5.2	0.005 U	0.0004 U	15.7	0.0005 U	0.01403	0.07869	0.0002 U
	11/8/19	1.97	0.004 U	0.00167	0.1417	0.00021 J	0.00009 J	49.4	0.00679	0.00182	0.00466	**2.76**	0.00112	7.62	**1.137**	0.0033	2.43	0.00212	0.0004 U	15.3	0.0005 U	0.00296 J	0.01111	0.0002 U
	11/6/20	4.61	0.004 U	0.00308	0.115	0.00022 J	0.0002 U	57.6	0.01108	0.00422	0.00659	**10.6 J+**	0.00278	10.4	**1.688**	0.00898	2.84	0.005 U	0.0004 U	15.1	0.001 U	0.00858	0.02051	0.0002 U
	11/5/21	1.45	0.0005 J	0.00099	0.07035	0.0005 U	0.0002 U	39.3	0.00433	0.00128	0.00272	**2.74**	0.00131	7.91	0.2809	0.00277	2.82	0.005 U	0.0004 U	15.5	0.001 U	0.00267 J	0.01825	0.0002 U
	10/25/22	1.88	0.0071 U	0.0019 U	0.0728	0.0009 U	0.001 U	46.8	0.0055 J	0.0022 U	0.0035 J	**3.7**	0.0027 U	8.32	**1.2**	0.0032 J	2.34 J	0.0035 U	0.0028 U	15.0	0.0025 U	0.0029 J	0.0122 J	0.00009 U
	9/27/23	5.55	0.004 U	0.00272	0.1186	0.00023 J	0.0002 U	43.4	0.01309	0.00506	0.00756	**11.8**	0.00353	9.57	**0.9631**	0.01111	3.48	0.00386 J	0.0004 U	12.1	0.001 U	0.00914	0.02525	0.0002 U

TABLE 2
LABORATORY ANALYSIS OF GROUNDWATER SAMPLES
TAL METALS (mg/L)
EDWARD ALLEN LANDFILL
CORNING, NEW YORK
Final

Data Are Reported in mg/L

Well ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
	NYS GA (mg/L)		**0.003***	**0.025***	**1.000***	**0.003****	**0.005***		**0.050***		**0.200***	**0.300***	**0.025***	**35****	**0.300***	**0.100***		**0.010***	**0.050***	**20***	**0.0005****		**2****	**0.0007***
MW-10D	12/13/95	0.200 U	0.060 U	0.010 U	0.97	0.005 U	0.005 U	12.5	0.010 U	0.050 U	0.025 U	**0.31**	0.003 U	8.1	0.025	0.040 U	32.9	0.005 U	0.010 U	**103**	0.010 U	0.050 U	0.050 U	0.0002 U
	3/29/96	0.36	0.060 U	0.010 U	**4.3**	0.005 U	0.005 U	51.8	0.010 U	0.050 U	0.025 U	0.28	0.003 U	12	0.12	0.040 U	32.9	0.005 U	0.010 U	**72.3**	0.010 U	0.050 U	0.050 U	0.0002 U
	7/2/96	0.200 U	0.060 U	0.010 U	**4.8**	0.005 U	0.005 U	59.3	0.010 U	0.050 U	0.025 U	0.2	0.003 U	12.9	0.14	0.040 U	5	0.005 U	0.010 U	**80.3**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/16/96	0.012	0.060 U	0.010 U	**1.6**	0.005 U	0.005 U	21.5	0.010 U	0.050 U	0.025 U	**0.35**	0.003 U	7.8	0.056	0.040 U	19.9	0.005 U	0.010 U	**84.3**	0.010 U	0.050 U	0.050 U	0.0002 U
	4/11/97	0.74	0.060 U	0.010 U	**4.3**	0.005 U	0.005 U	53.7	0.010 U	0.050 U	0.025 U	**0.79**	0.003 U	11.3	0.14	0.040 U	5.00 U	0.005 U	0.010 U	**71.8**	0.010 U	0.050 U	0.053	0.0002 U
	10/23/97	0.9	0.060 U	0.010 U	**4.8**	0.005 U	0.005 U	59.2	0.010 U	0.050 U	0.025 U	**0.73**	0.003 U	11.9	0.14	0.040 U	5.00 U	0.005 U	0.010 U	**86.4**	0.010 U	0.050 U	0.053	0.0002 U
	4/30/98	0.38	0.060 U	0.010 U	**4.9**	0.005 U	0.005 U	61.3	0.010 U	0.050 U	0.025 U	**0.32**	0.003 U	12.4	0.15	0.040 U	5.00 U	0.01	0.010 U	**88.2**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/27/98	0.200 U	0.060 U	0.010 U	**5.5**	0.005 U	0.005 U	67.5	0.010 U	0.050 U	0.025 U	0.22	0.003 U	13.4	0.17	0.040 U	5.00 U	0.01	0.010 U	**93.5**	0.010 U	0.050 U	0.069	0.0002 U
	5/3/99	0.200 U	0.060 U	0.010 U	**4.4**	0.005 U	0.005 U	59.6	0.010 U	0.050 U	0.025 U	0.12	0.012	12.7	0.14	0.040 U	5.00 U	0.005 U	0.010 U	**81**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/12/99	0.200 U	0.060 U	0.010 U	**4.6**	0.005 U	0.005 U	60	0.010 U	0.050 U	0.025 U	0.26	0.003 U	12.4	0.14	0.040 U	5.00 U	0.005 U	0.010 U	**82.8**	0.010 U	0.050 U	0.050 U	0.0002 U
	5/10/00	0.200 U	0.060 U	0.010 U	**4.89**	0.005 U	0.005 U	54.1	0.010 U	0.050 U	0.025 U	0.145	0.002	11.5	0.119	0.040 U	3.73	0.005 U	0.010 U	**86.6**	0.010 U	0.050 U	0.050 U	0.0002 U
MW-10D	10/28/00	0.200 U	0.060 U	0.010 U	**4.4**	0.005 U	0.005 U	-	0.010 U	0.050 U	0.025 U	0.089	0.002	11	-	0.040 U	3.58	0.005 U	0.010 U	**73.4**	0.010 U	0.050 U	0.050 U	0.0002 U
	4/29/01	0.200 U	0.060 U	0.010 U	**4.96**	0.005 U	0.005 U	-	0.010 U	0.050 U	0.025 U	0.185	0.003 U	11.1	-	0.040 U	3.78	0.005 U	0.010 U	**86**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/25/01	0.075 U	0.05 U	0.005 U	**4.9**	0.002 U	0.005 U	-	0.01 U	0.01 U	0.017 U	0.131	0.002 U	11.7	-	0.012 U	3.73	0.005 U	0.01 U	**82.6**	0.001 U	0.01 U	0.043	0.0002 U
	6/2/02	0.075 U	0.05 U	0.001 U	**4.23**	0.002 U	0.001 U	49.4	0.002 U	0.01 U	0.017 U	0.125	0.001	10.3	0.119	0.012 U	3.36	0.001 U	0.001 U	**72.3**	0.001 U	0.01 U	0.02 U	0.0002 U
	11/24/02	0.075 U	0.001 U	0.001 U	**4.63**	0.002 U	0.005 U	55.2	0.01 U	0.01 U	0.017 U	**0.435**	0.002	11.3	0.129	0.012 U	4.09	0.001 U	0.01 U	**80**	0.001 U	0.01 U	0.026	0.0002 U
	5/18/03	0.075 U	0.05 U	0.001 U	**4.34**	0.002 U	0.001 U	51.7	0.002 U	0.01 U	0.017 U	0.151	0.001	10.8	0.119	0.012 U	3.4	0.001 U	0.001 U	**72.1**	0.001 U	0.01 U	0.02 U	0.0002 U
	10/25/03	0.075 U	0.001 U	0.001 U	**4.46**	0.002 U	0.001 U	51.7	0.002 U	0.001 U	0.017 U	0.128	0.001 U	10.7	0.118	0.001 U	3.33	0.001 U	0.001 U	**72.1**	0.001 U	0.001 U	0.02 U	0.0002 U
	5/14/04	0.1 U	0.050 U	0.001 U	**4.28**	0.002 U	0.001 U	50.7	0.002 U	0.010 U	0.017 U	0.145	0.001 U	10.3	0.123	0.012 U	3.79	0.001 U	0.010 U	**68**	0.001 U	0.010 U	0.010 U	0.0002 U
	10/31/04	0.075 U	0.05 U	0.0010 U	**5.15**	0.0020 U	0.0010 U	55.4	0.0020 U	0.010 U	0.017 U	0.188	0.0019	11.2	0.13	0.012 U	5.06	0.0010 U	0.010 U	**79**	0.0010 U	0.010 U	0.020 U	0.0002 U
	7/16/05	0.167	0.0106	0.0010 U	**4.48**	0.0020 U	0.0019	68.1	0.0029	0.010 U	0.017 U	**1.34**	**0.0723**	11.1	0.187	0.012 U	5.67	0.0010 U	0.010 U	**77.2**	0.0010 U	0.010 U	0.097	0.0002 U
	11/12/05	0.573	0.050 U	0.0010 U	**4.23**	0.0020 U	0.0010 U	54.3	0.0020 U	0.010 U	0.017 U	**1.19**	0.0062	10.5	0.223	0.012 U	4.9	0.0010 U	0.010 U	**73.2**	0.0010 U	0.010 U	0.026	0.0002 U
	6/19/06	0.100 U	0.060 U	0.050 U	**4.3**	0.005 U	0.005 U	49.7	0.005 U	0.429	0.005 U	0.144	0.005 U	9.91	0.116	0.020 U	4.28	0.005 U	0.010 U	**47.3**	0.010 U	0.020 U	0.010 U	0.0002 U
	11/14/06	0.0185 B	0.0603	0.0037 U	**4.04**	0.00039 B	0.0015 U	49	0.0037 U	0.403	0.0023 B	0.0755 B	0.0024 U	9.72	0.11	0.0013 U	4.63 B	0.004 U	0.0036 U	**45.7**	0.0034 U	0.0063 U	0.0022 U	0.0006 U
	06/18/07	0.100 U	0.060 U	0.005 U	**3.82**	0.005 U	0.005 U	50.5 J	0.005 U	0.05 U	0.007	0.078 J	0.005 UJ	9.81 J	0.157 J	0.020 U	5	0.005 UJ	0.010 U	**39.4 J**	0.010 R	0.020 U	0.010 U	0.0002 UJ
	11/26/07	0.0052 U	0.0162 U	0.0024 U	**4.09 J**	0.0003 U	0.0005 U	51.9 J	0.0027 U	0.0009 U	0.002 U	**0.661 J**	0.0016 U	11.4	0.116 J	0.0009 U	4.25 J	0.0024 UJ	0.0037 U	**43.2**	0.0033 UJ	0.0064 U	0.00095 J	0.00006 UJ
	11/26/07 Dup	0.0052 U	0.0162 U	0.0024 U	**4.07 J**	0.0003 U	0.0005 U	51.6 J	0.0027 U	0.0009 U	0.002 U	**0.621 J**	0.0016 U	11.3	0.115 J	0.0009 U	4.62 J	0.0024 UJ	0.004 U	**44.5**	**0.0709 J**	0.0064 U	0.00070 U	0.00006 UJ
	06/30/08	0.100 U	0.060 U	0.005 U	**3.96**	0.005 U	0.005 U	50.7	0.005 U	0.050 U	0.005 U	0.064 J	0.005 U	9.66	0.115 J	0.020 U	4.23 J	0.005 U	0.010 U	**47.2 J**	0.010 UJ	0.020 U	0.010 U	0.0002 U
	6/8/09	0.0141 U	0.0095 R	0.0022 U	**4.13**	0.0083 J	0.0031 U	52.3	0.0052 U	.00084 J	0.0025 U	0.0478 J	0.0014 U	10.7	0.118	0.00066 U	4.53 J	0.0023 U	0.0014 U	**48.1 J**	0.021 R	0.0086 U	0.00075 U	0.0002 UJ
	7/12/10	0.037 J	0.060 U	0.0050 U	**4.28**	0.0007 J	0.0050 U	50	0.0050 U	0.050 U	0.0050 U	0.087	0.0050 U	9.95	0.116	0.020 U	4.49 J	0.0050 U	0.010 UJ	**65.4 J**	0.010 U	0.02	0.020 U	0.0002 U
	7/14/11	0.0421 J	0.0196 U	0.0015 U	**4.34**	0.00028 J	0.0023 J	58.2	0.0047 U	0.00043 U	0.0161 J	**1.15 J**	0.0167	10.6	0.229	0.0027 J	5.14 J	0.0025 U	0.0028 U	**83.3 J**	**0.0063 J**	0.0063 J	0.0273	0.00006 U
	7/11/12	0.100 U	0.060 U	0.007 J	**4.55 J**	0.005 U	0.005 U	67.2	0.005 U	0.050 U	0.011	**0.945 J**	0.013	10.7	0.229 J	0.020 U	5.76 J	0.005 UJ	0.010 UJ	**61.1 J**	0.010 UJ	0.020 U	0.034 J	0.00006 U
	7/15/13	0.0061 U	0.002 U	0.0049 J	**4.3**	0.00065 J	0.00015 U	50.3 J	0.0027 U	0.00088 J	0.0011 U	0.109	0.0021 U	10 J	0.111	0.00046 U	4.25 J	0.0031 U	0.0027 U	**81.6 J**	0.0033 R	0.0109 U	0.00078 U	0.00015 U
	9/15/14	0.0157 U	0.0028 U	0.0022 U	**4.38**	0.00064 J	0.00041 U	51.6	0.0028 U	0.0013 J	0.0047 J	0.293 J	0.0021 U	10.9	0.147	0.00036 U	5.11 J	0.0015 U	0.0043 UJ	**74**	0.003 R	0.0042 U	0.0095 U	0.00004 U
	9/16/15	0.022 U	0.0037 U	0.0026 U	**5.05**	0.0012 J	0.0025 J	80	0.0099 U	0.00058 U	0.0086 J	**1.25 J**	0.0047	11.3	0.61	0.004 J	5.3	0.0042 UJ	0.0025 U	**79.9J**	0.0043 R	0.0051 U	0.0362	0.00005 U
	9/29/16	0.00166 U	0.0027 U	0.0028 B	**4.11**	0.0065 B	0.00037 U	52.8	0.0069 U	0.00052 B	0.003 B	0.068 B	0.0024	11.2	0.113	0.0004 U	3.900 B	0.0034 U	0.0039 U	**55.4**	0.0035 R	0.0042 U	0.00029 U	0.00003 U
	11/27/17	0.0326 J+	0.00042 U	0.00016 U	**3.882**	0.00010 U	0.00008 J	51.2	0.00062 J	0.00016 U	0.00157	0.135	0.00087 J	9.69	0.1154	0.00055 U	3.38	0.00173 U	0.00016 U	**57.8**	0.00014 U	0.00157 U	0.00781 J	0.00006 U
	10/25/18	0.049	0.004 U	0.00234	**5.207**	0.0005 U	0.00018 J	51.2	0.001 U	0.0005 U	0.00262	**0.326**	0.00222	10.2	0.1532	0.002 U	3.53	0.005 U	0.0004 U	**86.1**	0.00026 J	0.005 U	0.00649 J	0.0002 U
	11/8/19	0.0163	0.004 U	0.0005 U	**4.435**	0.0005 U	0.00012 J	46.6	0.001 U	0.0005 U	0.00158	0.110	0.00098 J	9.36	0.1107	0.002 U	3.15	0.005 U	0.0004 U	**60.2**	0.0005 U	0.005 U	0.00856 J	0.0002 U
	11/6/20	0.0322	0.004 U	0.0005 U	**4.276**	0.0005 U	0.0002 U	49.8	0.00023 J	0.0005 U	0.00162	0.116 J+	0.00041 J	10.4	0.1153	0.002 U	3.43	0.005 U	0.0004 U	**62.6**	0.001 U	0.005 U	0.00415 J	0.0002 U
	11/5/21	0.0296	0.004 U	0.001	**4.233**	0.0005 U	0.0002 U	43.2	0.001 U	0.0005 U	0.00119 J	0.189	0.00055 J	9.24	0.1198	0.002 U	3.22	0.005 U	0.0004 U	**73.8**	0.001 U	0.005 U	0.01248	0.0002 U
	9/13/22	0.032 U	0.007 U	0.002 U	**3.54**	0.001 U	0.001 U	46.3	0.002 U	0.002 U	0.002 U	0.058	0.003 U	9.25	0.105	0.002 U	3.24	0.004 U	0.003 U	**63.1**	0.003 U	0.002 U	0.002 U	0.00009 U
	9/27/23	0.185	0.004 U	0.00353	**4.579**	0.0005 U	0.00015 J	53.3	0.00064 J	0.00024 J	0.00264	**0.990**	0.00183	10.2	0.1671	0.00066 J	3.81	0.005 U	0.0004 U	**71.9**	0.001 U	0.005 U	0.00902 J	0.0002 U
MW-11S	12/13/95	3.2	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	45.2	0.02	0.050 U	0.025 U	**6.7**	0.0073	18.3	**0.39**	0.040 U	34.1	0.005 U	0.010 U	**60.8**	0.010 U	0.050 U	0.059	0.0002 U
	3/29/96	0.200 U	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	9.5	0.010 U	0.050 U	0.025 U	0.100 U	0.003 U	14.7	0.015 U	0.040 U	35.9	0.005 U	0.010 U	**54.4**	0.010 U	0.050 U	0.050 U	0.0002 U
	7/2/96	15.9	0.060 U	0.017	0.45	0.005 U	0.005 U	116	**0.092**	0.050 U	0.025 U	**27.4**	0.022	22.7	**1.2**	0.073	28.6	0.005 U	0.010 U	**48.9**	0.010 U	0.050 U	0.095	0.0002 U
	10/16/96	2.3	0.060 U	0.010 U	0.27	0.005 U	0.005 U	38.1	0.014	0.050 U	0.025 U	**4.1**	0.003	14.8	0.24	0.040 U	29.2	0.005 U	0.010 U	**55.5**	0.010 U	0.050 U	0.050 U	0.0002 U
	4/4/97	2.5	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	31.2	0.010 U	0.050 U	0.025 U	**4.1**	0.003 U	13.9	0.27	0.040 U	45.3	0.005 U	0.010 U	**66.3**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/23/97	1.3	0.060 U	0.010 U	0.49	0.005 U	0.005 U	34	0.010 U	0.050 U	0.025 U	**2.3**	0.003 U	13.3	0.27	0.040 U	32.4	0.005 U	0.010 U	**63.2**	0.010 U	0.050 U	0.050 U	0.0002 U
	4/30/98	0.96	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	38.4	0.010 U	0.050 U	0.025 U	**1.5**	0.003 U	13.7	**0.34**	0.040 U	33.1	0.005 U	0.010 U	**63.8**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/26/98	2.6	0.060 U	0.010 U	0.62	0.005 U	0.005 U	141	0.034	0.050 U	0.025 U	**5.3**	0.006	17	**0.98**	0.040 U	12.4	0.005 U	0.010 U	**49.2**	0.010 U	0.050 U	0.069	0.0002 U
	5/3/99	0.53	0.060 U	0.010 U	0.62	0.005 U	0.005 U	47.3	0.010 U	0.050 U	0.025 U	**0.45**	0.003 U	15.7	0.26	0.040 U	10	0.005 U	0.010 U	**41.6**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/11/99	0.53	0.060 U	0.010 U	0.23	0.005 U	0.005 U	50	0.010 U	0.050 U	0.025 U	**0.45**	0.003 U	16.4	0.26	0.040 U	12.5	0.005 U	0.010 U	**45**	0.010 U	0.050 U	0.050 U	0.0002 U
	5/11/00	0.200 U	0.060 U	0.003	0.038	0.005 U	0.005 U	16	0.010 U	0.050 U	0.025 U	0.175	0.003 U	13.4	0.072	0.040 U	35.9	0.005 U	0.010 U	**61.8**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/28/00	1.14	0.060 U	0.013	0.143	0.005 U	0.005 U	-	0.023	0.050 U	0.025 U	2.8	0.006	15.7	-	0.019	5.55	0.005 U	0.010 U	**31.8**	0.010 U	0.050 U	0.050 U	0.0002 U

TABLE 2
LABORATORY ANALYSIS OF GROUNDWATER SAMPLES
TAL METALS (mg/L)
EDWARD ALLEN LANDFILL
CORNING, NEW YORK
Final

Data Are Reported in mg/L

Well ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
	NYS GA (mg/L)		**0.003***	**0.025***	**1.000***	**0.003****	**0.005***		**0.050***		**0.200***	**0.300***	**0.025***	**35****	**0.300***	**0.100***		**0.010***	**0.050***	**20***	**0.0005****		**2****	**0.0007***
	5/1/01	0.222	0.060 U	0.003	0.119	0.005 U	0.005 U	-	0.010 U	0.050 U	0.025 U	**0.58**	0.003	15	-	0.040 U	8.25	0.005 U	0.010 U	**41.2**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/25/01	0.305	0.05 U	0.005	0.069	0.002 U	0.005 U	-	0.013 U	0.01 U	0.017 U	**0.984**	0.007	2.08	-	0.014 U	48.8	0.005 U	0.01 U	**64.4**	0.001 U	0.01 U	0.056	0.0002 U
	5/31/02	0.213	0.05 U	0.003	0.081	0.002 U	0.001 U	33	0.002 U	0.01 U	0.017 U	**0.408**	0.003	16.5	0.19	0.012 U	30.6	0.001 U	0.001 U	**74.6**	0.001 U	0.01 U	0.022	0.0002 U
	5/17/03	0.075 U	0.05 U	0.005	0.355	0.002 U	0.001 U	56.5	0.002 U	0.01 U	0.017 U	0.162	0.001 U	11.3	0.291	0.012 U	1.54	0.001 U	0.001 U	**26.2**	0.001 U	0.01 U	0.02 U	0.0002 U
	5/11/04	0.1 U	0.050 U	0.002	0.347	0.002 U	0.001 U	49.4	0.002 U	0.010 U	0.017 U	0.148	0.001 U	4.8	0.086	0.012 U	3.8	0.001 U	0.010 U	**26.6**	0.001 U	0.010 U	0.059	0.0002 U
	7/16/05	0.075 U	0.0026	0.0024	0.046	0.0020 U	0.0010 U	11.5	0.0042	0.010 U	0.017 U	**0.44**	0.0036	11.8	0.0565	0.012 U	28.5	0.0010 U	0.010 U	**65.4**	0.0010 U	0.010 U	0.028	0.0002 U
	6/19/06	0.100 U	0.060 U	0.050 U	0.04	0.005 U	0.005 U	16.4	0.005 U	0.050 U	0.005 U	0.23	0.005 U	10.6	0.131	0.020 U	24.2	0.005 U	0.010 U	**37.3**	0.010 U	0.020 U	0.015	0.0002 U
	6/19/07	0.115 J	0.060 U	0.005 U	0.181	0.005 U	0.005 U	55.3 J	0.005 U	0.050 U	0.022	**2.01 J**	0.024 J	13 J	0.183 J	0.020 U	21.7	0.005 UJ	0.010 U	**33.7 J**	0.010 R	0.020 U	0.092	0.0002 UJ
	6/30/08	0.100 U	0.060 U	0.005 U	0.059	0.005 U	0.005 U	13.6	0.005 U	0.050 U	0.005 U	**0.325 J**	0.005 U	9.9	0.047 J	0.020 U	26.8 J	0.005 U	0.010 U	**40.3 J**	0.010 UJ	0.020 U	0.014	0.0002 U
	6/8/09	0.0141 U	0.0094 R	0.0022 U	0.0291 J	0.00024 U	0.00031 U	9.54	0.0052 U	0.0016 J	0.0025 U	0.052 J	0.0016 J	9.24	0.0226	0.00083 J	28.2 J	0.0023 U	0.0014 U	**40.4 J**	0.0224 R	0.0086 U	0.0035	0.0002 UJ
	7/12/10	0.041 J	0.060 U	0.005 U	0.311	0.0002 J	0.001 J	39.1	0.005 U	0.050 U	0.004 J	0.0959	0.005 U	0.319	0.0057 J	0.001 J	2.69 J	0.005 U	0.010 UJ	**22.7 J**	0.010 U	0.020 U	0.0378	0.0002 U
	7/14/11	0.0081 U	0.0196 U	0.0029 U	0.128 J	0.00014 U	0.00013 U	12.9	0.0047 U	0.0016 J	0.006 J	0.00011 UJ	0.0014 U	0.365	0.031 J	0.013 J	27.1 J	0.0025 U	0.0028 U	**36.7 J**	**0.0025 J**	0.0049 U	0.0034 U	0.00006 U
	7/11/12	0.100 U	0.060 U	0.005 U	0.192 J	0.005 U	0.005 U	21.3	0.005 U	0.050 U	0.006	0.264 J	0.005 U	0.461	0.020 U	0.020 U	24.8 J	0.005 UJ	0.010 UJ	**29.9 J**	0.010 UJ	0.020 U	0.177 J	0.00006 U
	7/15/13	0.0061 U	0.0035 J	0.002 J	0.212	0.00017 J	0.00015 U	11.1 J	0.0027 U	0.002 J	0.0069 J	0.0153 J	0.0021 U	0.0906 J	0.0015 U	0.0011 J	19 J	0.0031 U	0.0027 U	**35.5 J**	0.0033 R	0.0109 U	0.0194 J	0.00015 U
	9/15/14	0.0157 U	0.0028 U	0.0022 U	0.217	0.00022 U	0.00053 J	14.4	0.0028 U	0.0026 J	0.0042 J	0.105 J	0.0032	0.262 J	0.0047 J	0.0019 J	19.2 J	0.0015 U	0.0029 UJ	**54.2**	0.003 R	0.0042 U	0.0642	0.00004 U
	9/16/15	0.022 U	0.0037 U	0.0034 J	0.224	0.00041 U	0.00044 U	13	0.0099 U	0.0024 J	0.0034 J	0.089 J	0.0029 U	0.197 J	0.0041 J	0.0022 J	18.4	0.0042 UJ	0.0025 U	**68.4J**	0.0043 R	0.0051 U	0.158	0.00005 U
	9/26/16	0.0166 U	0.0027 U	0.0047 B	0.191 B	0.00012 U	0.00037 U	26	0.0069 U	0.0025 B	0.0034 B	**0.308 J**	0.0024 U	3.070 B	0.0991	0.0012 B	12.4	0.0034 U	0.0039 U	**59.3**	0.0035 R	0.0042 U	0.0036 B	0.00003 U
	11/28/17	0.101	0.00724 J+	0.00106	0.2450	0.00010 U	0.00046	32.8	0.00248	0.00236	0.00328	**0.614**	0.00137	0.674	0.03547	0.00219	11.1	0.00173 U	0.00016 U	**44.6**	0.00014 U	0.00157 U	0.01575	0.00006 U
	10/25/18	0.135	0.00054 J	0.00659	0.1128	0.0005 U	0.00011 J	60.9	0.001 U	0.00056	0.00063 J	**0.664**	0.00074 J	14.6	**0.4746**	0.0008 J	1.25	0.005 U	0.0004 U	**43.4**	0.0005 U	0.005 U	0.01 U	0.00006 U
	11/6/19	0.0124	0.00050 J	0.00608	0.1033	0.0005 U	0.00005 J	54.5	0.00025 J	0.00051	0.001 U	**0.330**	0.001 U	13.5	**0.3877**	0.002 U	1.79	0.005 U	0.0004 U	**38.2**	0.0005 U	0.005 U	0.01 U	0.0002 U

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TAL METALS (mg/L)
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Data Are Reported in mg/L

Well ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
	NYS GA (mg/L)		**0.003***	**0.025***	**1.000***	**0.003****	**0.005***		**0.050***		**0.200***	**0.300***	**0.025***	**35****	**0.300***	**0.100***		**0.010***	**0.050***	**20***	**0.0005****		**2****	**0.0007***
MW-11S	11/4/20	0.0343	0.00274 J	0.00449	0.1339	0.0005 U	0.00008 J	35.1	0.00112	0.00163	0.02489	0.284 J+	0.001 U	6.19	0.1435	0.02526	5.87	0.005 U	0.0004 U	**38.8**	0.001 U	0.005 U	0.01 U	0.0002 U
	11/4/21	0.0489	0.00065 J	0.00513	0.1169	0.0005 U	0.00006 J	48.1	0.00048 J	0.00056	0.00053 J	**0.351**	0.00063 J	12.3	**0.3033**	0.00072 J	2.62	0.005 U	0.0004 U	**41.9**	0.001 U	0.005 U	0.00801 J	0.0002 U
	9/15/22	0.032 U	0.007 U	0.002 U	0.129	0.001 U	0.001 U	13.9	0.002 U	0.002 J	0.003 J	0.045 J	0.003 U	2.51	0.016	0.002 U	6.34	0.004 U	0.003 U	**41.7**	0.003 U	0.002 U	0.01 J	0.00009 J
	9/27/23	0.0111	0.00131 J	0.00351	0.165	0.0005 U	0.0001 J	39.9	0.00112	0.00152	0.00154 J	0.272	0.001 U	6.14	0.1606	0.00073 J	4.51	0.005 U	0.0004 U	**35.3**	0.001 U	0.005 U	0.01 U	
MW-11D	12/13/95	1.1	0.060 U	0.010 U	0.83	0.005 U	0.005 U	134	0.010 U	0.050 U	0.025 U	**2.7**	0.003 U	14.9	**0.63**	0.040 U	5	0.005 U	0.010 U	**30.2**	0.010 U	0.050 U	0.050 U	0.0002 U
	3/29/96	0.200 U	0.060 U	0.010 U	0.36	0.005 U	0.005 U	54.3	0.010 U	0.050 U	0.025 U	0.100 U	0.003 U	12.8	0.25	0.040 U	29.4	0.005 U	0.010 U	**32.6**	0.010 U	0.050 U	0.050 U	0.0002 U
	7/2/96	0.86	0.060 U	0.010 U	0.4	0.005 U	0.005 U	61.9	0.010 U	0.050 U	0.025 U	**0.96**	0.003 U	13.2	**0.34**	0.040 U	5	0.005 U	0.010 U	**29.1**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/16/96	0.98	0.060 U	0.010 U	0.34	0.005 U	0.005 U	58.3	0.010 U	0.050 U	0.025 U	**1.6**	0.003 U	11.1	0.25	0.040 U	5	0.005 U	0.010 U	**31.8**	0.010 U	0.050 U	0.050 U	0.0002 U
	4/4/97	2.2	0.060 U	0.010 U	0.36	0.005 U	0.005 U	60.5	0.010 U	0.050 U	0.025 U	**2.9**	0.003 U	12.9	**0.35**	0.040 U	5	0.005 U	0.010 U	**30.1**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/23/97	4.3	0.060 U	0.010 U	0.52	0.005 U	0.005 U	72.9	0.014	0.050 U	0.025 U	**7.5**	0.0065	14.7	**0.46**	0.040 U	5	0.005 U	0.010 U	**33.1**	0.010 U	0.050 U	0.050 U	0.0002 U
	4/30/98	0.200 U	0.060 U	0.010 U	0.39	0.005 U	0.005 U	69.4	0.010 U	0.050 U	0.025 U	0.25	0.003 U	14.4	**0.41**	0.040 U	5	0.005 U	0.010 U	**35.2**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/26/98	0.200 U	0.060 U	0.010 U	0.5	0.005 U	0.005 U	69	0.010 U	0.050 U	0.025 U	0.26	0.003 U	13.6	**0.38**	0.040 U	5	0.005 U	0.010 U	**33.5**	0.010 U	0.050 U	0.050 U	0.0002 U
	5/3/99	0.76	0.060 U	0.010 U	0.53	0.005 U	0.005 U	65.6	0.010 U	0.050 U	0.025 U	**1.2**	0.003 U	14.5	**0.39**	0.040 U	5	0.005 U	0.010 U	**32.7**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/12/99	0.200 U	0.060 U	0.010 U	0.45	0.005 U	0.005 U	65.5	0.010 U	0.050 U	0.025 U	0.3	0.003 U	14.1	**0.34**	0.040 U	U	0.005 U	0.010 U	**32.7**	0.010 U	0.050 U	0.050 U	0.0002 U
	5/9/00	0.200 U	0.060 U	0.005	0.328	0.005 U	0.005 U	61	0.010 U	0.050 U	0.025 U	0.256	0.002	13.1	**0.337**	0.040 U	1.83	0.005 U	0.010 U	**31.8**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/28/00	0.200 U	0.060 U	0.005	0.343	0.005 U	0.005 U	-	0.010 U	0.050 U	0.025 U	0.181	0.012	11.4	-	0.040 U	1.82	0.005 U	0.010 U	**27.2**	0.010 U	0.050 U	0.050 U	0.0002 U
	5/1/01	0.200 U	0.060 U	0.004	0.365	0.005 U	0.005 U	-	0.010 U	0.050 U	0.025 U	0.209	0.001	11.6	-	0.040 U	2.07	0.005 U	0.010 U	**30.6**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/25/01	0.075 U	0.05 U	0.005 U	0.346	0.002 U	0.005 U	-	0.01 U	0.01 U	0.017 U	0.145	0.002 U	7.2	-	0.012 U	2.49	0.005 U	0.01 U	**26.2**	0.001 U	0.01 U	0.02 U	0.0002 U
	5/31/02	0.075 U	0.05 U	0.004	0.407	0.002 U	0.001 U	62.1	0.002 U	0.01 U	0.017 U	0.192	0.001 U	11.1	0.278	0.012 U	2.01	0.001 U	0.001 U	**29.1**	0.001 U	0.01 U	0.02 U	0.0002 U
	5/17/03	0.076	0.05 U	0.003	0.049	0.002 U	0.001 U	5.48	0.002 U	0.01 U	0.017 U	0.098	0.007	6.17	0.016	0.012 U	31.4	0.001 U	0.001 U	**47**	0.001 U	0.01 U	0.022	0.0002 U
	5/11/04	2.79	0.050 U	0.006	0.162	0.002 U	0.001	78.9	0.003	0.010 U	0.017 U	**3.12**	0.007	15.2	**0.7**	0.012 U	2.62	0.001 U	0.010 U	**32.5**	0.001 U	0.010 U	0.081	0.0002 U
	7/16/05	0.075 U	0.0012	0.0010 U	0.339	0.0020 U	0.0010 U	44.8	0.0020 U	0.010 U	0.017 U	0.126	0.002	0.754	0.0094	0.012 U	4.22	0.0010 U	0.010 U	**27.9**	0.0010 U	0.010 U	0.020 U	0.0002 U
	6/19/06	0.100 U	0.060 U	0.050 U	0.296	0.005 U	0.005 U	43.6	0.005 U	0.050 U	0.005 U	0.103	0.005 U	0.971	0.020 U	0.020 U	2.88	0.005 U	0.010 U	19.3	0.010 U	0.020 U	0.010 U	0.0002 U
	6/18/07	0.100 U	0.060 U	0.050 U	0.352	0.005 U	0.005 U	37.6 J	0.005 U	0.050 U	0.005 U	0.050 U	0.005 UJ	0.278 J	0.020 UJ	0.020 U	3	0.005 UJ	0.010 U	**20.6 J**	0.010 R	0.020 U	0.010 U	0.0002 UJ
	6/30/08	0.100 U	0.060 U	0.005 U	0.314	0.005 U	0.005 U	32.3	0.005 U	0.050 U	0.005 U	0.206 J	0.005 U	1.11	0.020 U	0.020 U	2.96 J	0.005 U	0.010 U	**22.9 J**	0.010 UJ	0.020 U	0.012	0.0002 U
	6/8/09	0.0141 U	0.0051 R	0.0022 U	0.295	0.00024 U	0.00031 U	37.5	0.0052 U	0.00064 J	0.0048 J	0.102 J	0.0014 U	1.88	0.0367	0.00093 J	2.95 J	0.0023 U	0.0014 U	**22.3 J**	0.0058 R	0.0086 U	0.0054 J	0.0002 UJ
	7/12/10	0.026 J	0.060 U	0.005 U	0.0434	0.005 U	0.0008 J	12.4	0.0050 U	0.0015 J	0.0041 J	0.0744	0.0050 U	3.69	0.038	0.0011 J	28.4 J	0.005 U	0.010 UJ	**53.4 J**	0.010 U	0.020 U	0.0142	0.0002 U
	7/14/11	0.0081 U	0.0196 U	0.0015 U	0.316	0.00023 J	0.00015 J	35	0.0047 U	0.00043 U	0.0025 U	0.00011 UJ	0.0019 U	0.183 J	0.00079 J	0.00074 J	2.68 J	0.0032 J	0.0028 U	**21.7 J**	0.0021 U	0.0136 J	0.001 J	0.00006 U
	7/11/12	0.100 U	0.060 U	0.005 J	0.275 J	0.005 U	0.005 U	37.3	0.005 U	0.050 U	0.005 U	0.166 J	0.005 U	0.747	0.020 U	0.020 U	3.18 J	0.005 UJ	0.010 UJ	**20.1 J**	0.010 UJ	0.020 U	0.062 J	0.00006 U
	7/15/13	0.0061 U	0.0031 J	0.0058 J	0.284	0.00011 J	0.00016 J	40.9 J	0.0027 U	0.00073 U	0.0041 J	0.0204 J	0.0021 U	0.133 J	0.0015 U	0.00081 J	2.75 J	0.0031 U	0.0027 U	**24 J**	0.0033 R	0.0109 U	0.0101 J	0.00015 U
	9/15/14	0.0157 U	0.0028 U	0.0025 J	0.264	0.00022 U	0.00041 U	37.5	0.0028 U	0.00067 J	0.0027 U	0.0609 J	0.0021 U	0.329 J	0.0031 J	0.00066 J	2.77 J	0.0015 U	0.005 UJ	**26.1**	0.003 R	0.0042 U	0.011 U	0.00004 U
	9/16/15	0.0022 U	0.0037 U	0.0026 U	0.271	0.00041 U	0.00044 U	36.6	0.0099 U	0.00058 U	0.003 J	0.0958 J	0.0029 U	0.146 J	0.0023 J	0.0013 J	2.64 J	0.0042 UJ	0.0025 U	**25.5J**	0.0043 R	0.0051 U	0.086	0.00005 U
	9/29/16	0.0166 U	0.0027 U	0.0067 B	0.443	0.00012 U	0.00037 U	67.7	0.0069 U	0.00047 B	0.0023 B	0.194 J	0.0024 U	14.4	**0.331**	0.00040 U	1.930 B	0.0034 U	0.0039 U	**33.6**	0.0036 R	0.0042 U	0.00029 U	0.00003 U
	11/28/17	0.0646	0.00042 U	0.00505	0.4125	0.00010 U	0.00005 U	69.9	0.00080 J	0.00016 U	0.00084 J	**0.350**	0.00034 U	13.7	**0.3621**	0.00055 U	1.84	0.00173 U	0.00016 U	**29.4**	0.00014 U	0.00157 U	0.00341 U	0.00006 U
	10/25/18	0.0533	0.00043 J	0.00457	0.4243	0.0005 U	0.0002 U	58.4	0.001 U	0.0005 U	0.00049 J	0.277	0.001 U	13.5	**0.3074**	0.002 U	1.71	0.005 U	0.0004 U	**35.3**	0.0005 U	0.005 U	0.01 U	0.0002 U
	11/6/19	0.0372	0.004 U	0.0048	0.4359	0.0005 U	0.0002 U	63.2	0.00026 J	0.0005 U	0.001 U	**0.310**	0.001 U	13.2	**0.3261**	0.002 U	1.79	0.005 U	0.0004 U	**30.8**	0.0005 U	0.005 U	0.01 U	0.0002 U
	11/4/20	0.325	0.004 U	0.0053	0.4738	0.0005 U	0.0002 U	69.5	0.00081 J	0.0002 J	0.00082 J	**0.796 J+**	0.00072 J	13.5	**0.3524**	0.002 U	1.98	0.005 U	0.0004 U	**30.6**	0.001 U	0.005 U	0.01 U	0.0002 U
	11/4/21	0.144	0.004 U	0.00586	0.4212	0.0005 U	0.0002 U	58.8	0.00049 J	0.0005 U	0.00053 J	**0.625**	0.00067 J	12.5	**0.3065**	0.002 U	1.76	0.005 U	0.0004 U	**29.3**	0.001 U	0.005 U	0.00966 J	0.0002 U
	9/15/22	0.134	0.007 U	0.005	0.396	0.001 U	0.001 U	61.5	0.002 U	0.002 U	0.002 U	**0.51**	0.003 U	12.9	**0.316**	0.002 U	1.91 J	0.004 U	0.003 U	**30.7**	0.003 U	0.002 U	0.002 U	0.00009 J
	9/27/23	0.017	0.00062 J	0.00043 J	0.2624	0.0005 U	0.00008 J	36.8	0.00141	0.0005 U	0.00089 J	0.0440 J	0.001 U	0.433	0.00449	0.0007 J	2.70	0.005 U	0.0004 U	**25.5**	0.001 U	0.005 U	0.01 U	0.0002 U
MW-12S	12/13/95	0.200 U	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	64.3	0.016	0.050 U	0.025 U	0.24	0.003 U	12.7	**0.39**	0.040 U	7.3	0.005 U	0.010 U	**35.5**	0.010 U	0.050 U	0.050 U	0.0002 U
	3/29/96	0.75	0.060 U	0.010 U	0.95	0.005 U	0.005 U	59.7	0.012	0.050 U	0.025 U	**1.1**	0.003 U	12.5	0.18	0.040 U	11.1	0.005 U	0.010 U	**33.5**	0.010 U	0.050 U	0.050 U	0.0002 U
	7/2/96	0.89	0.060 U	0.010 U	0.51	0.005 U	0.005 U	52	0.016	0.050 U	0.025 U	**1.1**	0.003 U	11.8	0.13	0.040 U	9.4	0.005 U	0.010 U	**32**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/16/96	0.24	0.060 U	0.010 U	**1.3**	0.005 U	0.005 U	45	0.010 U	0.050 U	0.025 U	**0.52**	0.003 U	10.7	0.11	0.040 U	13.9	0.005 U	0.010 U	**36.5**	0.010 U	0.050 U	0.050 U	0.0002 U
	4/9/97	0.200 U	0.060 U	0.010 U	0.58	0.005 U	0.005 U	45.9	0.010 U	0.050 U	0.025 U	**0.56**	0.003 U	10.2	0.096	0.040 U	10.2	0.005 U	0.010 U	**34.5**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/23/97	0.200 U	0.060 U	0.010 U	**1.3**	0.005 U	0.005 U	49.2	0.010 U	0.050 U	0.025 U	**0.48**	0.003 U	10.2	0.2	0.040 U	6.2	0.005 U	0.010 U	**30.7**	0.010 U	0.050 U	0.050 U	0.0002 U
	4/30/98	0.200 U	0.060 U	0.010 U	0.95	0.005 U	0.005 U	15.5	0.010 U	0.050 U	0.025 U	0.14	0.003 U	5.00 U	0.018	0.040 U	U	0.005 U	0.010 U	**112**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/26/98	0.200 U	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	52	0.017	0.050 U	0.025 U	**0.38**	0.003 U	10.8	0.091	0.040 U	U	0.005 U	0.010 U	**33.8**	0.010 U	0.050 U	0.050 U	0.0002 U
	5/3/99	0.200 U	0.060 U	0.010 U	0.58	0.005 U	0.005 U	52.9	0.010 U	0.050 U	0.025 U	**0.56**	0.003 U	10.8	0.017	0.040 U	5.6	0.005 U	0.010 U	**31.4**	0.010 U	0.050 U	0.085mbd	0.0002 U
	10/11/99	0.97	0.060 U	0.010 U	0.58	0.005 U	0.005 U	59.4	0.010 U	0.050 U	0.025 U	**2.2**	0.003 U	12.3	0.1	0.040 U	7.6	0.005 U	0.010 U	**32.3**	0.010 U	0.050 U	0.050 U	0.0002 U
	5/11/00	0.200 U	0.060 U	0.010 U	0.064	0.005 U	0.005 U	52.6	0.010 U	0.050 U	0.025 U	0.223	0.001	10.8	0.05	0.040 U	4.09	0.005 U	0.010 U	**29.3**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/28/00	0.200 U	0.060 U	0.010 U	0.076	0.005 U	0.005 U	-	0.010 U	0.050 U	0.025 U	0.153	0.006	10.8	-	0.040 U	3.93	0.005 U	0.010 U	**29.7**	0.010 U	0.050 U	0.050 U	0.0002 U
	5/1/01	0.200 U	0.060 U	0.010 U	0.066	0.005 U	0.005 U	-	0.010 U	0.050 U	0.025 U	0.1	0.002	10.5	-	0.040 U	3.24	0.005 U	0.010 U	**27.6**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/25/01	0.075 U	0.05 U	0.005 U	0.064	0.002 U	0.005 U	-	0.01 U	0.01 U	0.017 U	0.148	0.003	10.3	-	0.012 U	3.12	0.005	0.01 U	**28.1**	0.001 U	0.01 U	0.054 U	0.0002 U
	5/31/02	0.075 U	0.05 U	0.001 U	0.073	0.002 U	0.001 U	52.3	0.002 U	0.01 U	0.017 U	0.04 U	0.001	10.8	0.018	0.012 U	2.74	0.001	0.001 U	**30.8**	0.001 U	0.01 U	0.02 U	0.0002 U

TABLE 2
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TAL METALS (mg/L)
EDWARD ALLEN LANDFILL
CORNING, NEW YORK
Final

Data Are Reported in mg/L

Well ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
	NYS GA (mg/L)		**0.003***	**0.025***	**1.000***	**0.003****	**0.005***		**0.050***		**0.200***	**0.300***	**0.025***	**35****	**0.300***	**0.100***		**0.010***	**0.050***	**20***	**0.0005****		**2****	**0.0007***
	5/17/03	0.319	0.05 U	0.001 U	0.083	0.002 U	0.001 U	49.4	0.002 U	0.01 U	0.017 U	**0.626**	0.002	9.82	0.04	0.012 U	2.96	0.001 U	0.001 U	**24.6**	0.001 U	0.01 U	0.02 U	0.0002 U
	5/12/04	0.1 U	0.050 U	0.001 U	0.068	0.002 U	0.001 U	51.2	0.002 U	0.010 U	0.017 U	0.226	0.002	10	0.009	0.012 U	3.65	0.001 U	0.010 U	**31.3**	0.001 U	0.010 U	0.062	0.0002 U
	7/16/05	0.075 U	0.0010 U	0.0010 U	0.064	0.0020 U	0.0010 U	49.1	0.0020 U	0.010 U	0.017 U	0.0400 U	0.0010 U	10.2	0.0050 U	0.012 U	3.32	0.0010 U	0.010 U	**34.3**	0.0010 U	0.010 U	0.020 U	0.0002 U
	6/19/06	0.100 U	0.060 U	0.050 U	0.099	0.005 U	0.005 U	48.1	0.005 U	0.050 U	0.005 U	0.254	0.005 U	9.06	0.020 U	0.020 U	2.6	0.005 U	0.010 U	**24.4**	0.010 U	0.020 U	0.019	0.0002 U
	6/19/07	0.100 U	0.060 U	0.005 U	0.073	0.005 U	0.005 U	49.8 J	0.005 U	0.050 U	0.008	0.082 J	0.005 UJ	9.43 J	0.074 J	0.020 U	2.59	0.005 UJ	0.010 U	**21.2 J**	0.010 R	0.020 U	0.010 U	0.0002 UJ
	6/30/08	0.100 U	0.060 U	0.005 U	0.09	0.005 U	0.005 U	52.6	0.005 U	0.050 U	0.005 U	0.098 J	0.005 U	9.73	0.058 J	0.020 U	2.57 J	0.005 U	0.010 U	**27.2 J**	0.010 UJ	0.020 U	0.010 U	0.0002 U
	6/8/09	0.014 U	0.0051 R	0.0022 U	0.0685 J	0.00024 U	0.00057 J	52.3	0.00052 U	0.00051 J	0.0025 U	0.0242 J	0.0014 U	10.3	0.0149 J	0.00066 U	2.55 J	0.0023 U	0.0014 U	**26.7 J**	0.0193 R	0.0086 U	0.0036 J	0.0002 UJ
	7/12/10	0.041 J	0.060 U	0.0050 U	0.0858	0.005 U	0.0004 J	46.8	0.005 U	0.050 U	0.0025 J	0.0811	0.005 U	8.91	0.0244	0.0014 J	2.35 J	0.005 U	0.010 UJ	**26.9 J**	0.010 U	0.020 U	0.0073 J	0.0002 U
	7/14/11	0.0081 U	0.0196 U	0.0015 U	0.0698 J	0.00014 U	0.0014 J	49.3	0.0047 U	0.00043 U	0.0025 U	0.0103 J	0.0019 U	9.84	0.0275	0.00077 J	2.15 J	0.0025 U	0.0028 U	**24.7 J**	**0.0113 J**	0.0049 U	0.0047 J	0.00006 U
	7/11/12	0.100 U	0.060 U	0.005 U	0.068 J	0.005 U	0.005 U	51	0.005 U	0.050 U	0.005 U	0.050 U	0.005 U	10.2	0.020 U	0.020 U	2.45 J	0.005 UJ	0.010 UJ	**22.9 J**	0.010 UJ	0.020 U	0.010 U	0.00006 U
	7/15/13	0.0061 U	0.002 U	0.0058 J	0.0737 J	0.00010 U	0.00044 J	50.7 J	0.0027 U	0.00073 U	0.0049 J	0.0153 J	0.0021 U	9.62 J	0.0056 J	0.00046 U	2.15 J	0.0031 U	0.0027 U	**26.3 J**	0.0036 J	0.0109 U	0.0203	0.00015 U
	9/16/14	0.0157 U	0.0028 U	0.0032 J	0.0744 J	0.00022 U	0.002 J	55.8	0.0028 U	0.00061 J	0.0027 U	0.0706 J	0.0021 U	10.4	0.0147 J	0.00079 J	2.31 J	0.0015 U	0.0036 UJ	**31.2**	0.0061 J	0.0042 U	0.0378	0.00004 U
	9/16/15	0.022 U	0.0037 U	0.003 J	0.0736 J	0.00041 U	0.00044 U	51	0.0099 U	0.00058 U	0.0024 U	0.0054 J	0.0029 U	10.6	0.078 J	0.0008 U	2.06 J	0.0042 UJ	0.0025 U	**30.9J**	0.0043 R	0.0051 U	0.00088 J	0.00005 U
	9/29/16	0.0166 U	0.0027 U	0.0028 U	0.739 B	0.00012 U	0.00037 U	55	0.0069 U	0.00053 B	0.0041 B	0.844 J	0.0024 U	10.9	0.0143 B	0.00040 U	1.950 B	0.0034 U	0.0039 U	**33.2**	0.0035 R	0.0042 U	0.0019 B	0.00003 U
	11/28/17	0.0277 J+	0.00042 U	0.00028 J	0.07243	0.00010 U	0.00027	53.3	0.00056 J	0.00016 J	0.00101	0.0638	0.00061 J	10.3	0.0448	0.00059 J	1.90	0.00173 U	0.00016 U	**29.6**	0.00014 U	0.00157 U	0.00554 J	0.00006 U
	10/23/18	0.00572 J	0.004 U	0.00031 J	0.06685	0.0005 U	0.0002 U	47.4	0.001 U	0.0005 U	0.0009 J	0.036 J	0.001 U	9.47	0.00324	0.002 U	1.74	0.005 U	0.0004 U	**34.4**	0.00026 J	0.005 U	0.01 U	0.0002 U
	11/5/19	0.0108	0.004 U	0.00026 J	0.06753	0.0005 U	0.00006 J	48.4	0.00025 J	0.0005 U	0.00042 J	0.0276 J	0.001 J	9.62	0.01438	0.002 U	1.75	0.005 U	0.0004 U	**29.2**	0.0005 U	0.005 U	0.01 U	0.0002 U
	11/2/20	0.00529 J	0.00075 J	0.0003 J	0.07131	0.0005 U	0.00023	51	0.00068 J	0.0005 U	0.00064 J	0.07 U	0.001 U	10.4	0.00725	0.0042	1.92	0.005 U	0.0004 U	**36.7**	0.001 U	0.005 U	0.02604	0.0002 U
	11/1/21	0.00768 J	0.004 U	0.00038 J	0.06131	0.0005 U	0.0002 U	46.9	0.001 U	0.0005 U	0.002 U	0.0219 J	0.001 U	9.68	0.00474	0.002 U	1.71	0.005 U	0.0004 U	**31**	0.001 U	0.005 U	0.01123	0.0002 U
	9/14/22	0.032 U	0.007 U	0.002 U	0.062	0.001 U	0.001 U	49	0.002 U	0.002 U	0.002 U	0.021 J	0.003 U	9.76	0.009 J	0.002 U	1.91 J	0.004 U	0.003 U	**36.7**	0.003 U	0.002 U	0.006 J	0.00009 J
	9/28/23	0.00776 J	0.004 U	0.00032 J	0.0729	0.0005 U	0.00008 J	50.4	0.00041 J	0.0005 U	0.00147 J	0.0243 J	0.001 U	10.5	0.00304	0.002 U	2.03	0.005 U	0.0004 U	**33.8**	0.001 U	0.005 U	0.00507 J	0.0002 U

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Data Are Reported in mg/L

Well ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
	NYS GA (mg/L)		**0.003***	**0.025***	**1.000***	**0.003****	**0.005***		**0.050***		**0.200***	**0.300***	**0.025***	**35****	**0.300***	**0.100***		**0.010***	**0.050***	**20***	**0.0005****		**2****	**0.0007***
MW-12D	12/12/95	0.200 U	0.060 U	0.010 U	**1.2**	0.005 U	0.005 U	20.9	0.010 U	0.050 U	0.025 U	**0.35**	0.003 U	5.00 U	0.024	0.040 U	5.00 U	0.005 U	0.010 U	**88.4**	0.010 U	0.050 U	0.16	0.0002 U
	3/29/96	1.6	0.060 U	0.010 U	0.78	0.005 U	0.005 U	13.5	0.010 U	0.050 U	0.025 U	**1.3**	0.003 U	5.00 U	0.027	0.040 U	5.00 U	0.005 U	0.010 U	**95.5**	0.010 U	0.050 U	0.050 U	0.0002 U
	7/2/96	0.81	0.060 U	0.010 U	0.75	0.005 U	0.005 U	13.4	0.010 U	0.050 U	0.025 U	**0.76**	0.003 U	5.00 U	0.02	0.040 U	5.00 U	0.005 U	0.010 U	**99.2**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/16/96	0.200 U	0.060 U	0.010 U	0.73	0.005 U	0.005 U	13.6	0.010 U	0.050 U	0.025 U	0.28	0.003 U	5.00 U	0.015	0.040 U	5.00 U	0.005 U	0.010 U	**98.7**	0.010 U	0.050 U	0.050 U	0.0002 U
	4/9/97	0.200 U	0.060 U	0.010 U	0.75	0.005 U	0.005 U	13.8	0.010 U	0.050 U	0.025 U	0.24	0.003 U	5.00 U	0.022	0.040 U	5.00 U	0.005 U	0.010 U	**92.1**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/23/97	0.29	0.060 U	0.010 U	0.82	0.005 U	0.005 U	14.6	0.010 U	0.050 U	0.025 U	**0.37**	0.003 U	5.00 U	0.019	0.040 U	5.00 U	0.005 U	0.010 U	**104**	0.010 U	0.050 U	0.068	0.0002 U
	4/30/98	0.200 U	0.060 U	0.010 U	0.95	0.005 U	0.005 U	15.5	0.010 U	0.050 U	0.025 U	0.14	0.003 U	5.00 U	0.018	0.040 U	5.00 U	0.005 U	0.010 U	**112**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/26/98	0.200 U	0.060 U	0.010 U	**1.2**	0.005 U	0.005 U	20.2	0.010 U	0.050 U	0.025 U	0.13	0.003 U	5.00 U	0.025	0.040 U	5.00 U	0.005 U	0.010 U	**108**	0.010 U	0.050 U	0.050 U	0.0002 U
	5/3/99	0.200 U	0.060 U	0.010 U	0.43	0.005 U	0.005 U	7.8	0.010 U	0.050 U	0.025 U	0.19	0.003 U	5.00 U	0.016	0.040 U	5.00 U	0.005 U	0.010 U	**128**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/12/99	0.200 U	0.060 U	0.010 U	0.78	0.005 U	0.005 U	15	0.010 U	0.050 U	0.025 U	0.11	0.003 U	5.00 U	0.018	0.040 U	5.00 U	0.005 U	0.010 U	**113**	0.010 U	0.050 U	0.050 U	0.0002 U
	5/9/00	0.200 U	0.060 U	0.010 U	**1.45**	0.005 U	0.006	22	0.010 U	0.050 U	0.025 U	0.122	0.003 U	4.37	0.018	0.040 U	2.87	0.005 U	0.010 U	**84**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/28/00	0.200 U	0.060 U	0.010 U	0.832	0.005 U	0.005 U	-	0.010 U	0.050 U	0.025 U	0.073	0.008	2.83	-	0.040 U	2.44	0.005 U	0.010 U	**89.8**	0.010 U	0.050 U	0.050 U	0.0002 U
	5/1/01	0.200 U	0.060 U	0.010 U	**1.96**	0.005 U	0.005 U	-	0.010 U	0.050 U	0.025 U	0.089	0.001	5.95	-	0.040 U	3.3	0.005 U	0.010 U	**64.2**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/25/01	0.075 U	0.05 U	0.005 U	**1.75**	0.002 U	0.005 U	-	0.01 U	0.01 U	0.017 U	0.098	0.004 U	5.58	-	0.012 U	3.23	0.005 U	0.01 U	**60.5**	0.001 U	0.01 U	0.02 U	0.0002 U
	5/31/02	0.075 U	0.05 U	0.001 U	**1.82**	0.002 U	0.001 U	29.2	0.002 U	0.01 U	0.017 U	0.092	0.001 U	5.7	0.028	0.012 U	3.13	0.001 U	0.001 U	**68.2**	0.001 U	0.01 U	0.02 U	0.0002 U
	5/17/03	0.075 U	0.05 U	0.001 U	**1.58**	0.002 U	0.001 U	26.5	0.002 U	0.01 U	0.017 U	0.111	0.001 U	5.2	0.028	0.012 U	3.08	0.001 U	0.001 U	**62.5**	0.001 U	0.01 U	0.02 U	0.0002 U
	5/12/04	0.1 U	0.050 U	0.001 U	**1.43**	0.002 U	0.001 U	23.8	0.002 U	0.01 U	0.017 U	0.112	0.001 U	5.1	0.023	0.012 U	7.48	0.001 U	0.010 U	**63.7**	0.001 U	0.010 U	0.05	0.0002 U
	7/16/05	0.075 U	0.0027	0.0010 U	0.308	0.0020 U	0.0010 U	3.89	0.0020 U	0.010 U	0.017 U	0.0419	0.0010 U	3.97	0.0050 U	0.012 U	19.9	0.0010 U	0.010 U	**80.2**	0.0010 U	0.010 U	0.020 U	0.0002 U
	6/19/06	0.100 U	0.060 U	0.050 U	**1.71**	0.005 U	0.005 U	29.1	0.005 U	0.171	0.005 U	0.172	0.005 U	5.19	0.035	0.020 U	4.68	0.005 U	0.010 U	**42.7**	0.010 U	0.020 U	0.012	0.0002 U
	6/18/07	0.100 U	0.060 U	0.050 U	0.35	0.005 U	0.006	8.44 J	0.005 U	0.050 U	0.006	0.194 J	0.005 UJ	3.62 J	0.020 UJ	0.020 U	23.5	0.005 UJ	0.010 U	**46 J**	0.010 R	0.020 U	0.010 U	0.0002 UJ
	6/30/08	0.100 U	0.060 U	0.005 U	0.217	0.005 U	0.005 U	4.94	0.005 U	0.050 U	0.005 U	0.050 UJ	0.005 U	3.26	0.020 U	0.020 U	23.9 J	0.005 U	0.010 U	**76.3 J**	0.010 UJ	0.020 U	0.010 U	0.0002 U
	6/8/09	0.014 U	0.0089 R	0.0022 U	0.232	0.00024 U	0.00031 U	3.51	0.0052 U	0.00091 J	0.0028 J	0.0056 J	0.0014 U	3.69	0.001 J	0.00066 U	27.6 J	0.0023 U	0.0014 U	**71.8 J**	0.0192 R	0.0086 U	0.0039 J	0.0002 UJ
	7/12/10	0.011 J	0.060 U	0.005 U	0.205	0.0001 J	0.0001 J	3.02	0.005 U	0.050 U	0.0032 J	0.023 J	0.005 U	2.96	0.0018 J	0.0008 J	22 J	0.005 U	0.010 UJ	**65.8 J**	0.010 U	0.020 U	0.0054 J	0.0002 U
	7/14/11	0.0205 J	0.0196 U	0.0015 U	0.307	0.00018 J	0.0003 J	3.9	0.0047 U	0.00046 J	0.0057 J	0.00011 UJ	0.0019 U	3.58 J	0.00061 J	0.0011 J	19.5 J	0.0025 U	0.0028 U	**76.4 J**	**0.0046 J**	0.0167 J	0.0026 U	0.00006 U
	7/11/12	0.100 U	0.060 U	0.005 U	0.22 J	0.005 U	0.005 U	6.33	0.005 U	0.050 U	0.005 U	0.050 U	0.005 U	3.52	0.020 U	0.020 U	23.2 J	0.005 UJ	0.010 UJ	**67.1 J**	0.010 UJ	0.020 U	0.0018 J	0.00006 U
	7/15/13	0.0061 U	0.0051 U	0.0028 J	0.332	0.00013 J	0.00015 U	2.6 J	0.0027 U	0.00073 U	0.0064 J	0.0053 J	0.0021 U	3.47 J	0.0015 U	0.00063 J	16.8 J	0.0031 U	0.0027 U	**75.4 J**	0.0033 R	0.0109 U	0.0036 J	0.00015 U
	9/15/14	0.0157 U	0.0028 U	0.0022 U	0.3	0.00022 U	0.00041 U	4.77 J	0.0028 U	0.00057 J	0.0027 U	0.0151 J	0.0021 U	3.8 J	0.0015 J	0.00092 J	20.1 J	0.0015 U	0.0053 UJ	**78.1**	0.003 R	0.0042 U	0.0109 U	0.00004 U
	9/16/15	0.022 U	0.004 J	0.003 U	0.29	0.00041 U	0.00044 U	3.99	0.0099 U	0.00061 U	0.0024 U	0.0204 J	0.0029 U	38.1 J	0.0031 J	0.0017 J	18.3	0.0042 UJ	0.0025 U	**74.5J**	0.0043 R	0.0051 U	0.0093 J	0.00005 U
	9/29/16	0.0016 U	0.0027 U	0.0028 U	0.41	0.00012 U	0.00082 B	10.4	0.0069 U	0.00056 B	0.0052 B	0.0482 J	0.0024 U	4.140 B	0.0074 B	0.003 B	18.3	0.0034 U	0.0039 U	**60**	0.0035 R	0.0042 U	0.132 B	0.00003 U
	11/28/17	0.00803 J	0.00042 U	0.00016 U	0.8226	0.00010 U	0.00005 U	14.8	0.00024 J	0.00016 U	0.00038 U	0.0522	0.00034 U	2.59	0.01423	0.00055 U	2.67	0.00173 U	0.00016 U	**99.8**	0.00014 U	0.00157 U	0.00341 U	0.00006 U
	10/23/18	0.149	0.004 U	0.0005 U	0.2466	0.0005 U	0.0002 U	4.23	0.001 U	0.0005 U	0.00061 J	0.282	0.00034 J	0.727	0.00786	0.002 U	1.9	0.005 U	0.0004 U	**141**	0.0005 U	0.005 U	0.01 U	0.0002 U
	11/5/19	0.0249	0.004 U	0.0005 U	0.7897	0.0005 U	0.00007 J	13.5	0.001 U	0.0005 U	0.00049 J	0.0735	0.001 U	2.29	0.01232	0.002 U	2.12	0.005 U	0.0004 U	**110**	0.0005 U	0.005 U	0.00459 J	0.0002 U
	11/2/20	0.0925	0.0006 J	0.0005 U	**2.017**	0.0005 U	0.0002 U	30.4	0.00045 J	0.0005 U	0.00121	0.222 J+	0.001 U	5.71	0.02463	0.002 U	3.23	0.005 U	0.0004 U	**74.7**	0.001 U	0.005 U	0.00388 J	0.0002 U
	11/1/21	0.017	0.004 U	0.0005 U	**1.806**	0.0005 U	0.00013 J	29.6	0.00026 J	0.0005 U	0.0007 J	0.0968	0.001 U	5.58	0.02758	0.002 U	3.05	0.005 U	0.0004 U	**68.7**	0.001 U	0.005 U	0.0144	0.0002 U
	9/14/22	0.032 U	0.007 U	0.002 U	**1.9**	0.001 U	0.001 U	33.6	0.002 U	0.002 U	0.002 U	0.082	0.003 U	6.23	0.029	0.002 U	3.44	0.004 U	0.003 U	**71.6**	0.003 U	0.002 U	0.005 J	0.00009 J
	9/28/23	0.0326	0.004 U	0.0005 U	**2.142**	0.0005 U	0.0002 U	31.5	0.00029 J	0.0005 U	0.00111 J	0.132	0.001 U	6.36	0.02696	0.002 U	3.22	0.005 U	0.0004 U	**62.5**	0.001 U	0.005 U	0.01004	0.0002 U
MW-13S	12/12/95	3.3	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	22	0.010 U	0.050 U	0.025 U	**4**	0.003 U	5.2	0.15	0.047	5.00 U	0.005 U	0.010 U	16.7	0.010 U	0.050 U	0.050 U	0.00047
	3/28/96	0.200 U	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	17.2	0.010 U	0.050 U	0.025 U	0.100 U	0.003 U	5.00 U	0.015 U	0.040 U	5.00 U	0.005 U	0.010 U	11.3	0.010 U	0.050 U	0.050 U	0.00047
	7/1/96	1.8	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	23.8	0.010 U	0.050 U	0.025 U	**3.5**	0.003 U	5.8	**0.31**	0.040 U	5.00 U	0.005 U	0.010 U	16.8	0.010 U	0.050 U	0.050 U	0.0002 U
	10/15/96	1.7	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	34.3	0.010 U	0.050 U	0.025 U	**2.2**	0.003 U	7.5	0.23	0.040 U	5.00 U	0.005 U	0.010 U	**28**	0.010 U	0.050 U	0.050 U	0.0002 U
	4/2/97	U	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	20.5	0.010 U	0.050 U	0.025 U	0.100 U	0.003 U	5.00 U	0.015 U	0.040 U	5.00 U	0.005 U	0.010 U	12.7	0.010 U	0.050 U	0.050 U	0.0002 U
	10/23/97	4.5	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	45.5	0.010 U	0.050 U	0.025 U	**6.8**	0.003 U	9.1	**0.67**	0.040 U	5.00 U	0.005 U	0.010 U	**29.2**	0.010 U	0.050 U	0.050 U	0.0002 U
	4/30/98	2.8	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	17.3	0.010 U	0.050 U	0.025 U	**2.3**	0.003 U	5.00 U	0.047	0.040 U	5.00 U	0.005 U	0.010 U	12.2	0.010 U	0.050 U	0.13	0.0002 U
	10/26/98	Well Dry - unable to collect samples																						
	5/5/99	0.93	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	18.3	0.010 U	0.050 U	0.025 U	**0.81**	0.003 U	5.00 U	0.037	0.040 U	5.00 U	0.005 U	0.010 U	9.7	0.010 U	0.050 U	0.05	0.0002 U
	10/11/99	1.3	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	68.1	0.010 U	0.050 U	0.025 U	**1.4**	0.003 U	13.4	**0.57**	0.040 U	5.00 U	0.005 U	0.010 U	**44.2**	0.010 U	0.050 U	0.050 U	0.0002 U
	5/11/00	3.22	0.060 U	0.010 U	0.036	0.005 U	0.005 U	16.6	0.021	0.050 U	0.025 U	**3.44**	0.003	3.58	0.1	0.026	1.8	0.005 U	0.010 U	8.9	0.010 U	0.050 U	0.123	0.0002 U
	10/29/00	0.209	0.060 U	0.010 U	0.03	0.005 U	0.005 U		0.010 U	0.050 U	0.025 U	**0.601**	0.006	5.99	-	0.040 U	1.62	0.005 U	0.010 U	15.3	0.010 U	0.050 U	0.050 U	0.0002 U
	4/30/01	2.1	0.060 U	0.010 U	0.03	0.005 U	0.005 U		0.010 U	0.050 U	0.025 U	1.93	0.003	3.56	-	0.040 U	1.59	0.005 U	0.010 U	6.98	0.010 U	0.050 U	0.050 U	0.0002 U
	10/25/01	1.75	0.05 U	0.005	0.049	0.002 U	0.005 U		0.01	0.01 U	0.017 U	2.41	0.004	8.67	-	0.012 U	2.08	0.005 U	0.01 U	**26**	0.001 U	0.01 U	0.071	0.0002 U
	6/2/02	2.07	0.05 U	0.001	0.035	0.002 U	0.001 U	16.7	0.009	0.01 U	0.017 U	**2.23**	0.002	3.1	0.279	0.012 U	1.29	0.001 U	0.001 U	2.82	0.001 U	0.01 U	0.021	0.0002 U
	11/24/02	No Metals Required																						
	5/18/03	2.17	0.05 U	0.001	0.026	0.002 U	0.001 U	10.9	0.002 U	0.01 U	0.017 U	**1.85 J**	0.003	2.26	0.057	0.012 U	1.04	0.001 U	0.001 U	2.03	0.001 U	0.01 U	0.02 U	0.0002 U
	10/25/03	No Metals Required																						
	5/12/04	0.868	0.050 U	0.001 U	0.023	0.002 U	0.001 U	20.9	0.002 U	0.010 U	0.017 U	**1.16**	0.001	4.3	0.125	0.012 U	1.9	0.001 U	0.010 U	8.55	0.001 U	0.010 U	0.064	0.0002 U
	10/31/04	No Metals Required																						

TABLE 2
LABORATORY ANALYSIS OF GROUNDWATER SAMPLES
TAL METALS (mg/L)
EDWARD ALLEN LANDFILL
CORNING, NEW YORK
Final

Data Are Reported in mg/L

Well ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
	NYS GA (mg/L)		**0.003***	**0.025***	**1.000***	**0.003****	**0.005***		**0.050***		**0.200***	**0.300***	**0.025***	**35****	**0.300***	**0.100***		**0.010***	**0.050***	**20***	**0.0005****		**2****	**0.0007***
	7/16/05	0.648	0.0010 U	0.0010 U	0.024	0.0020 U	0.0010 U	19.2	0.0020 U	0.010 U	0.017 U	**0.95**	0.0022	3.93	**0.318**	0.012 U	2.12	0.0010 U	0.010 U	6.47	0.0010 U	0.010 U	0.020 U	0.0002 U
	11/12/05	No Metals Required																						
	6/19/06	0.41	0.060 U	0.050 U	0.021	0.005 U	0.005 U	11.9	0.005 U	0.050 U	0.005 U	**0.949**	0.005 U	2.29	**0.329**	0.020 U	0.654	0.005 U	0.010 U	3.31	0.010 U	0.020 U	0.017	0.0002 U
	11/14/06	No Metals Required																						
	6/18/07	0.100 U	0.060 U	0.005 U	0.019	0.005 U	0.005 U	13.2 J	0.005 U	0.050 U	0.005 U	**0.308 J**	0.005 UJ	2.46 J	0.259 J	0.020 U	0.557	0.005 UJ	0.010 U	3.44 J	0.010 R	0.020 U	0.010 U	0.0002 UJ
	6/18/07 Dup	0.100 U	0.060 U	0.005 U	0.021	0.005 U	0.005 U	13.1 J	0.005 U	0.050 U	0.005 U	**0.334 J**	0.005 UJ	2.38 J	0.279 J	0.020 U	0.574	0.005 UJ	0.010 U	3.23 J	0.010 R	0.020 U	0.010 U	0.0002 UJ
	6/30/08	1.68	0.060 U	0.005 U	0.033	0.005 U	0.005 U	16.9	0.005 U	0.050 U	0.005 U	**2.47**	0.005 U	2.96	0.087	0.020 U	1.04 J	0.005 U	0.010 U	4.6 J	0.010 UJ	0.020 U	0.010 U	0.0002 U
	6/30/08 Dup	0.299	0.060 U	0.005 U	0.020	0.005 U	0.005 U	16.5	0.005 U	0.050 U	0.005 U	**0.42 J**	0.005 U	2.73	0.034 J	0.020 U	0.642 J	0.005 U	0.010 U	4.65 J	0.010 UJ	0.020 U	0.010 U	0.0002 U
	6/8/09	0.191 J	0.0051 R	0.0022 U	0.0196 J	0.00024 U	0.00031 U	11.7	0.0052 U	0.00078 J	0.0025 U	**0.504 J**	0.0014 U	2.17 J	0.117 J	0.00069 J	0.573 J	0.0023 U	0.0014 U	2.87 J	0.0147 R	0.0086 U	0.0025 J	0.0002 U
	6/8/09 Dup	0.235	0.0051 R	0.0022 U	0.0241 J	0.00024 U	0.00031 U	11.8	0.0052 U	0.00060 J	0.0025 U	0.223 J	0.0014 U	2.18 J	0.0334	0.00066 U	.0.545 J	0.0023 U	0.0014 U	3.22 J	0.027 R	0.0086 U	0.0027 J	0.0002 UJ
	7/12/10	0.054 J	0.060 U	0.005 U	0.0183	0.0002 J	0.0002 J	14.8	0.0074	0.050 U	0.005 U	0.0851	0.005 U	2.34	0.0209	0.0007 J	0.554 J	0.005 U	0.010 UJ	2.99 J	0.010 U	0.020 U	0.0047 J	0.0002 U

TABLE 2
LABORATORY ANALYSIS OF GROUNDWATER SAMPLES
TAL METALS (mg/L)
EDWARD ALLEN LANDFILL
CORNING, NEW YORK
Final

Data Are Reported in mg/L

Well ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
	NYS GA (mg/L)		**0.003***	**0.025***	**1.000***	**0.003****	**0.005***		**0.050***		**0.200***	**0.300***	**0.025***	**35****	**0.300***	**0.100***		**0.010***	**0.050***	**20***	**0.0005****		**2****	**0.0007***
MW-13S	7/12/10 Dup	0.091 J	0.060 U	0.005 U	0.0184	0.0002 J	0.0002 J	14.2	0.005 U	0.050 U	0.005 U	0.139	0.005 U	2.26	0.0383	0.020 U	0.536 J	0.005 U	0.010 UJ	2.78 J	0.010 U	0.020 U	0.0048 J	0.0002 U
	7/14/11	1.06	0.0196 U	0.0015 U	0.0275 J	0.00014 U	0.00027 J	12.6	0.0047 U	0.00069 J	0.0052 J	**2.04**	0.0019 U	2.56	0.24	0.0027 J	0.706 J	0.0025 U	0.0028 U	3.48 J	**0.0035 J**	0.0086 J	0.0045 J	0.00006 U
	7/14/2011 DUP	0.949	0.0196 U	0.0015 U	0.0292 J	0.00014 U	0.00021 J	13	0.0047 U	0.00071 J	0.0046 J	**1.9 J**	0.0024 J	2.48	**0.327**	0.0032 J	0.677 J	0.0025 U	0.0028 U	3.47 J	**0.0032 J**	0.0049 U	0.0043 J	0.00006 U
	7/11/12	0.191 J	0.060 U	0.005 U	0.03 J	0.005 U	0.005 U	15.6	0.005 U	0.050 U	0.005 U	**0.508 J**	0.005 U	2.93	**0.646 J**	0.020 U	0.767 J	0.005 UJ	0.010 UJ	3.74 J	0.010 UJ	0.020 U	0.010 U	0.00006 U
	7/11/12 DUP	0.772 J	0.060 U	0.005 U	0.03 J	0.005 U	0.005 U	15.1	0.005 U	0.050 U	0.005 U	**1.06 J**	0.005 U	2.82	**0.446 J**	0.020 U	0.791 J	0.005 UJ	0.010 UJ	3.63 J	0.010 UJ	0.020 U	0.010 U	0.00006 U
	7/15/13	0.0061 U	0.002 U	0.0039 J	0.0186 J	0.0010 U	0.0015 U	16.3 J	0.0027 U	0.00073 U	0.0062 J	0.0514 J	0.0021 U	2.86 J	0.0255	0.0013 J	0.746 J	0.0031 U	0.0027 U	4.46 J	0.0033 R	0.0109 U	0.0043 J	0.00015 U
	7/15/13 DUP	0.0061 U	0.002 U	0.0048 J	0.0234 J	0.0010 U	0.00045 J	17.1 J	0.0027 U	0.00073 U	0.0072 J	0.131	0.0023 J	2.97 J	0.0515	0.0020 J	0.891 J	0.0031 U	0.0027 U	5.09 J	0.0033 R	0.0109 U	0.0238	0.00015 U
	9/15/14	0.0157 U	0.0028 U	0.0022 U	0.0341 J	0.00022 U	0.00041 U	18.9	0.0028 U	0.0027 U	0.0027 U	**3.32**	0.0021 J	2.84 J	**0.707**	0.0037 J	0.778 J	0.0015 U	0.0038 J	4.27 J	0.003 U	0.0042 U	0.0065 J	0.00004 U
	9/15/14 DUP	0.0454 J	0.0028 U	0.0022 U	0.036 J	0.00022 U	0.00062 J	25.9	0.0028 U	0.00094 J	0.0027 U	**6.86 J**	0.0021 J	2.93 J	**0.615**	0.0039 J	1.02 J	0.0015 U	0.0026 UJ	4.81 J	0.003 R	0.0042 U	0.0106 U	0.00004 U
	9/16/15	0.022 U	0.0037 U	0.0028 J	0.0328 J	0.00041 U	0.00044 U	17.9	0.0099 U	0.00058 U	0.0024 U	**0.831**	0.0029 U	3.24 J	**0.391**	0.0039 J	0.706 J	0.0042 U	0.0025 U	4.89 J	0.0043 R	0.0051 U	0.004 J	0.00005 U
	9/16/15 DUP	0.022 U	0.0037 U	0.0031 J	0.0292 J	0.00041 U	0.00044 U	18.7	0.0099 U	0.00060 J	0.0024 U	**0.84J**	0.0029 U	3.26 J	**0.332**	0.0003 J	0.686 J	0.0042 UJ	0.0025 U	4.93 J	0.0043 R	0.0051 I	0.0034 J	0.00005 U
	9/29/16	0.0166 U	0.0027 U	0.0028 U	0.0265 B	0.00012 U	0.00037 U	222	0.0069 U	0.00048 B	0.0017 U	**0.641 J**	0.0024 U	3.396 B	**0.142**	0.0023 B	0.816 B	0.0034 U	0.0039 U	6.9	0.0035 R	0.0042 U	0.0038 B	0.00003 U
	11/28/17	0.439	0.00042 U	0.00157	0.03948	0.00010 U	0.00012 J	24.5	0.00069 J	0.00093	0.00181	**1.54**	0.00099 J	4.37	**0.7748**	0.00331	0.849	0.00173 U	0.00016 U	8.14	0.00014 U	0.00157 U	0.00368 J	0.00006 U
	10/23/18	0.0284	0.004 U	0.00055	0.02357	0.0005 U	0.0002 U	25.1	0.001 U	0.0005 U	0.00046 J	0.195	0.001 U	4.68	0.2103	0.0024	1.02	0.005 U	0.0004 U	7.97	0.0005 U	0.005 U	0.01 U	0.0002 U
	10/23/18 DUP	0.0276	0.004 U	0.00059	0.02503	0.0005 U	0.00006 J	27.3	0.001 U	0.0005 U	0.00045 J	0.196	0.00078 J	4.98	0.2212	0.00234	1.13	0.005 U	0.0004 U	8.46	0.0005 U	0.005 U	0.00927 J	0.0002 U
	11/6/19	0.0676	0.004 U	0.00056	0.02366	0.0005 U	0.00015 J	24.9	0.00029 J	0.00017 J	0.00098 J	0.299 J	0.001 U	3.87	**0.3882**	0.00186 J	0.969	0.005 U	0.0004 U	5.58	0.0005 U	0.005 U	0.01 U	0.0002 U
	11/2/20	0.0414	0.00221 J	0.00063	0.02431	0.0005 U	0.0002 U	20.1	0.0004 J	0.00022 J	0.00072 J	**0.536 J+**	0.001 U	3.67	**0.658**	0.00301	0.919	0.005 U	0.0004 U	5.75	0.001 U	0.005 U	0.00377 J	0.0002 U
	11/2/21	0.0295	0.00078 J	0.0004 J	0.01984	0.0005 U	0.00008 J	18.5	0.00023 J	0.0005 U	0.00077 J	0.0557	0.001 U	3.64	0.1749	0.0025	0.861	0.005 U	0.0004 U	4.45	0.001 U	0.005 U	0.01222	0.0002 U
	9/14/22	0.078 J	0.007 U	0.002 U	0.02	0.001 U	0.001 U	19.1	0.002 U	0.002 U	0.002 U	**0.89**	0.003 U	3.15	**0.83**	0.004 J	0.913 J	0.004 U	0.003 U	6.15	0.003 U	0.002 U	0.041 J	0.00009 U
	9/28/23	0.0478	0.004 U	0.00057	0.02426	0.0005 U	0.0002 U	19.8	0.00049 J	0.0005 U	0.00073 J	0.175	0.001 U	3.89	0.1904	0.00184 J	0.949	0.005 U	0.0004 U	5.17	0.001 U	0.005 U	0.01 U	0.0002 U
MW-13D	12/12/95	3.7	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	88.9	0.010 U	0.050 U	0.025 U	**6.9**	0.003 U	10.3	0.16	0.040 U	5.00 U	0.005 U	0.010 U	**23.5**	0.010 U	0.050 U	0.063	0.0002 U
	3/28/96	0.29	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	72.5	0.010 U	0.050 U	0.025 U	0.16	0.003 U	6	0.017	0.040 U	5.00 U	0.005 U	0.010 U	17.8	0.010 U	0.050 U	0.063	0.0002 U
	7/1/96	0.200 U	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	52.1	0.010 U	0.050 U	0.025 U	0.24	0.003 U	6.4	0.015 U	0.040 U	5.00 U	0.005 U	0.010 U	15.7	0.010 U	0.050 U	0.050 U	0.0002 U
	10/15/96	0.32	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	75.4	0.010 U	0.050 U	0.025 U	**0.49**	0.003 U	6.8	0.065	0.040 U	5.00 U	0.005 U	0.010 U	19.3	0.010 U	0.050 U	0.17	0.0002 U
	4/2/97	0.49	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	294	0.010 U	0.050 U	0.025 U	0.14	0.003 U	5.00 U	0.015 U	0.040 U	11.4	0.005 U	0.010 U	**24**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/23/97	0.41	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	190	0.010 U	0.050 U	0.025 U	0.27	0.003 U	5.00 U	0.015 U	0.040 U	7.7	0.005 U	0.010 U	19.1	0.010 U	0.050 U	0.050 U	0.0002 U
	4/30/98	0.36	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	82.8	0.010 U	0.050 U	0.025 U	0.100 U	0.003 U	5.00 U	0.015 U	0.040 U	5.00 U	0.005 U	0.010 U	16.1	0.010 U	0.050 U	0.050 U	0.0002 U
	10/27/98	Well Dry - unable to collect samples																						
	5/3/99	0.48	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	247	0.010 U	0.050 U	0.025 U	0.100 U	0.003 U	5.00 U	0.015 U	0.040 U	10.3	0.005 U	0.010 U	**23.7**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/12/99	0.200 U	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	271	0.010 U	0.050 U	0.025 U	0.100 U	0.003 U	5.00 U	0.03	0.040 U	9.3	0.005 U	0.010 U	**21.4**	0.010 U	0.050 U	0.050 U	0.0002 U
	5/11/00	0.23	0.060 U	0.010 U	0.088	0.005 U	0.005 U	487	0.010 U	0.050 U	0.027	0.085	0.004	0.554	0.015 U	0.022	15	0.005 U	0.010 U	**27.5**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/29/00	0.103	0.060 U	0.010 U	0.086	0.005 U	0.005 U		0.010 U	0.050 U	0.031	0.168	0.004	5.00 U	-	0.014	14.5	0.005 U	0.010 U	**24.4**	0.010 U	0.050 U	0.050 U	0.0002 U
	4/30/01	0.85	0.060 U	0.010 U	0.132	0.005 U	0.005 U		0.010 U	0.050 U	0.036	0.042	0.004	5.00 U	-	0.016	13.6	0.005 U	0.010 U	**28.5**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/25/01	1.09	0.05 U	0.005 U	0.158	0.002 U	0.005 U		0.01 U	0.01 U	0.02	0.223	0.005	4.88 U	-	0.012	8.43	0.005	0.01 U	19.8	0.001 U	0.01 U	0.072	0.0002 U
	6/2/02	0.398	0.05 U	0.001	0.118	0.002 U	0.001 U	633	0.002 U	0.01 U	0.043	0.085	0.002	0.5 U	0.015	0.02	13.6	0.003	0.001 U	**27.4**	0.001 U	0.01 U	0.028	0.0002 U
	11/24/02	No Metals Required																						
	5/18/03	0.394	0.05 U	0.002	0.063	0.002 U	0.001 U	460	0.002 U	0.01 U	0.023	0.068	0.003	0.5 U	0.005 U	0.013	11.1	0.002	0.001 U	**23.4**	0.001 U	0.01 U	0.027	0.0002 U
	10/25/03	No Metals Required																						
	5/12/04	0.673	0.050 U	0.001	0.077	0.002 U	0.001 U	463	0.002	0.010 U	0.031	**0.451**	0.012	0.500 U	0.035	0.012 U	12.2	0.003	0.010 U	**21.4**	0.001 U	0.010 U	0.069	0.0002 U
	10/31/04	No Metals Required																						
	7/16/05	0.563	0.0010 U	0.001	0.068	0.0020 U	0.0010 U	477	0.0020 U	0.010 U	0.031	0.0400 U	0.0032	0.500 U	0.0050 U	0.012 U	12.7	0.0019	0.010 U	**23.3**	0.0010 U	0.010 U	0.021	0.0002 U
	11/12/05	No Metals Required																						
	6/19/06	0.536	0.060 U	0.050 U	0.059	0.005 U	0.005 U	460	0.005 U	0.050 U	0.005 U	0.081	0.005 U	0.178	0.020 U	0.020 U	14.2	0.005 U	0.010 U	18.9	0.010 U	0.020 U	0.011	0.0002 U
	11/14/06	No Metals Required																						
	6/18/07	0.416 J	0.060 U	0.050 U	0.048	0.005 U	0.005 U	355 J	0.005 U	0.050 U	0.006	0.050 U	0.005 UJ	0.050 U	0.020 UJ	0.020 U	11.8	0.005 UJ	0.010 U	19 J	0.010 R	0.020 U	0.010 U	0.0002 UJ
	6/30/08	7.86	0.060 U	0.005 U	0.18	0.005 U	**0.011**	809	0.005 U	0.050 U	0.023	**1.68 J**	0.021	9.7	0.185 J	0.029	14.5 J	0.005 U	0.010 U	**24.5 J**	0.010 UJ	0.020 U	0.061	0.0002 U
	6/8/09	0.337	0.0051 R	0.0022 U	0.0498 J	0.00024 U	0.00031 U	430	0.0052 U	0.00079 J	0.0065 J	0.012 J	0.0053	0.012 J	0.00057 U	0.0114 J	13.2J	0.0023 U	0.0014 U	**20.7 J**	0.0027 R	0.0086 U	0.0019 J	0.0002 UJ
	7/12/10	0.417	0.060 U	0.005 U	0.0601	0.0001 J	0.0002 J	328	0.005 U	0.050 U	0.007	0.042 J	0.0023 J	0.038 J	0.0092 J	0.013 J	11.8 J	0.005 U	0.010 UJ	**21.8 J**	0.010 U	0.020 U	0.0066 J	0.0002 U
	7/14/11	0.512	0.0196 U	0.0026 U	0.0431 J	0.00014 U	0.00025 J	339	0.0047 U	0.00043 U	0.0076 J	0.024 J	0.0054	0.0131 U	0.005 J	0.0127 J	11.1 J	0.0025 U	0.0028 U	19.1 J	**0.0055 J**	0.0206 J	0.0014 J	0.00006 U
	7/11/12	0.531 J	0.060 U	0.007 J	0.035 J	0.005 U	0.005 U	147	0.005 U	0.050 U	0.005 U	0.050 U	0.005 U	0.050 U	0.020 U	0.020 U	12.6 J	0.005 UJ	0.010 UJ	18.1 J	0.010 UJ	0.020 U	0.010 U	0.00006 U
	7/15/13	0.662	0.002 U	0.0102	0.0368 J	0.00010 U	0.0012 J	349 J	0.0027 U	0.00085 J	0.0093 J	0.038 J	0.0021 U	0.143 J	0.0026 J	0.0126 J	9.47 J	0.0031 U	0.0027 U	**20.8 J**	0.0033 R	0.0109 U	0.008 J	0.00015 U
	9/15/14	0.499	0.0028 U	0.0049 J	0.0353 J	0.00022 U	0.00047 J	278	0.003 J	0.0015 J	0.005 J	0.0029 U	0.0021 U	0.0152 U	0.00034 J	0.0114 J	9.35 J	0.0015 U	0.0041 UJ	**23.1**	0.0034 J	0.0042 U	0.0054 U	0.00004 U
	9/16/15	0.859	0.0037 U	0.0032 J	0.0236 J	0.00041 U	0.0013 J	134	0.0099 U	0.00077 J	0.0026 J	0.0293 J	0.0029 U	0.0292 J	0.0071 J	0.0069 J	5.32	0.0042 UJ	0.0025 U	19J	0.0043 R	0.0051 U	0.0023 J	0.00005 U
	9/29/16	1.45	0.0027 U	0.0068 B	0.0314 B	0.00012 U	0.00037 U	110	0.0069 U	0.001 B	0.0042 B	0.0232 J	0.0024 U	0.0513 B	0.0086 B	0.006 B	4.530 B	0.0034 U	0.0039 U	18.6	0.0035 R	0.0042 U	0.0015 B	0.00003 U
	11/28/17	1.38	0.00042 U	0.00109	0.02656	0.00010 U	0.00092	139	0.00164	0.00049 J	0.00428	0.109	0.00225	0.394	0.01701	0.00891	5.60	0.00173 U	0.00016 U	19.5	0.00014 U	0.00301 J	0.00869 J	0.00006 U
	10/23/18	0.733	0.004 U	0.00054	0.02384	0.0005 U	0.00007 J	124	0.001 U	0.00034 J	0.00274	0.0278 J	0.001 U	0.0485 J	0.00116	0.00861	5.69	0.005 U	0.0004 U	**20.6**	0.0005 U	0.00191 J	0.01 U	0.0002 U

TABLE 2
LABORATORY ANALYSIS OF GROUNDWATER SAMPLES
TAL METALS (mg/L)
EDWARD ALLEN LANDFILL
CORNING, NEW YORK
Final

Data Are Reported in mg/L

Well ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
	NYS GA (mg/L)		**0.003***	**0.025***	**1.000***	**0.003****	**0.005***		**0.050***		**0.200***	**0.300***	**0.025***	**35****	**0.300***	**0.100***		**0.010***	**0.050***	**20***	**0.0005****		**2****	**0.0007***
	11/6/19	0.449	0.004 U	0.00073	0.03862	0.0005 U	0.0002	223	0.00188	0.00056	0.00398	0.156	0.00048 J	0.133	0.00903	0.01481	8.39	0.005 U	0.0004 U	**20.7**	0.0005 U	0.005 U	0.00501 J	0.0002 U
	11/2/20	0.568	0.004 U	0.00073	0.03548	0.0005 U	0.0002 U	196	0.00176	0.0005	0.00369	0.07 U	0.001 U	0.184	0.00142	0.01352	7.18	0.005 U	0.0004 U	18.3	0.001 U	0.005 U	0.01 U	0.0002 U
	11/2/21	0.817	0.004 U	0.00085	0.04416	0.0005 U	0.00007 J	202	0.00121	0.0005	0.00313	0.0366 J	0.001 U	0.321	0.00174	0.01285	7.6	0.005 U	0.0004 U	18.1	0.001 U	0.005 U	0.0124	0.0002 U
	9/14/22	0.98	0.007 U	0.002 U	0.036	0.001 U	0.001 U	182	0.002 U	0.002 U	0.005 J	0.041 J	0.003 U	0.698	0.004 J	0.013 J	6.48	0.004 U	0.003 U	18.6	0.003 U	0.002 U	0.015 J	0.00009 J
	9/28/23	0.817	0.00056 J	0.00069	0.03584	0.0005 U	0.0002 U	174	0.00128	0.00047 J	0.00357	0.361 J	0.00038 J	0.112	0.00358	0.01286	7.35	0.005 U	0.0004 U	17.8	0.00031 J	0.005 U	0.008 J	0.0002 U
MW-14S	12/12/95	1.3	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	16	0.010 U	0.050 U	0.025 U	**1.4**	0.003 U	5.00 U	**0.48**	0.040 U	5.00 U	0.005 U	0.010 U	5	0.010 U	0.050 U	0.059	0.0002 U
	4/5/96	0.200 U	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	13	0.010 U	0.050 U	0.025 U	0.100 U	0.003 U	5.00 U	0.015 U	0.040 U	5.00 U	0.005 U	0.010 U	5	0.010 U	0.050 U	0.050 U	0.0002 U
	7/2/96	1.1	0.060 U	0.010 U	0.21	0.005 U	0.005 U	59.9	0.010 U	0.050 U	0.025 U	**1.1**	0.003 U	6.9	**1.4**	0.040 U	5.00 U	0.005 U	0.010 U	5.9	0.010 U	0.050 U	0.050 U	0.0002 U
	10/16/96	3.2	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	64.8	**0.06**	0.050 U	0.025 U	**4.4**	0.0052	5.7	**4.9**	0.040 U	5.00 U	0.005 U	0.010 U	9.5	0.010 U	0.050 U	0.050 U	0.0002 U
	4/24/97	0.200 U	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	24.9	0.010 U	0.050 U	0.025 U	0.100 U	0.003 U	5.00 U	0.017	0.040 U	5.00 U	0.005 U	0.010 U	5	0.010 U	0.050 U	0.050 U	0.0002 U
	10/22/97	7.1	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	66.8	0.010 U	0.050 U	0.025 U	**9.3**	0.0097	5.9	**2.4**	0.040 U	5.00 U	0.005 U	0.010 U	6	0.010 U	0.050 U	0.050 U	0.0002 U
	4/29/98	0.26	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	18.7	0.010 U	0.050 U	0.025 U	0.17	0.003 U	5.00 U	0.11	0.040 U	5.00 U	0.005 U	0.010 U	5	0.010 U	0.050 U	0.050 U	0.0002 U
	10/27/98	1.2	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	75.4	0.010 U	0.050 U	0.025 U	**1.9**	0.003 U	5.6	**1.6**	0.040 U	5.00 U	0.005 U	0.010 U	8.1	0.010 U	0.050 U	0.069	0.0002 U
	5/3/99	0.87	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	20.7	0.010 U	0.050 U	0.025 U	**0.83**	0.003 U	5.00 U	**0.64**	0.040 U	5.00 U	0.005 U	0.010 U	5	0.010 U	0.050 U	0.050 U	0.0002 U
	10/11/99	0.42	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	63.3	0.010 U	0.050 U	0.025 U	**0.43**	0.003 U	5.00 U	**0.94**	0.040 U	5.00 U	0.005 U	0.010 U	5	0.010 U	0.050 U	0.050 U	0.0002 U

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TAL METALS (mg/L)
EDWARD ALLEN LANDFILL
CORNING, NEW YORK
Final

Data Are Reported in mg/L

Well ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
	NYS GA (mg/L)		**0.003***	**0.025***	**1.000***	**0.003****	**0.005***		**0.050***		**0.200***	**0.300***	**0.025***	**35****	**0.300***	**0.100***		**0.010***	**0.050***	**20***	**0.0005****		**2****	**0.0007***
MW-14S	5/10/00	1.07	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	10.1	0.010 U	0.050 U	0.025 U	**0.827**	0.004	1.26	0.021	0.040 U	0.981	0.005 U	0.010 U	2.43	0.010 U	0.050 U	0.050 U	0.0002 U
	10/28/00	0.692	0.060 U	0.010 U	0.153	0.005 U	0.005 U	-	0.010 U	0.050 U	0.025 U	**0.649**	0.003	4.95	-	0.012	1.23	0.005 U	0.010 U	3.81	0.010 U	0.050 U	0.022	0.0002 U
	4/30/01	0.489	0.060 U	0.010 U	0.032	0.005 U	0.005 U	-	0.010 U	0.050 U	0.025 U	**0.529**	0.004	2.02	-	0.040 U	1.05	0.005 U	0.010 U	2.42	0.010 U	0.050 U	0.050 U	0.0002 U
	10/25/01	0.538	0.05 U	0.005 U	0.088	0.002 U	0.005 U	-	0.01 U	0.01 U	0.017 U	**1.05**	0.006	4.76	-	0.018 U	1.12	0.005 U	0.01 U	4.36	0.001 U	0.01 U	0.024	0.0002 U
	5/31/02	0.167	0.05 U	0.001 U	0.022	0.002 U	0.001 U	13.2	0.002 U	0.01 U	0.017 U	0.202	0.002	1.36	**0.411**	0.012 U	0.783	0.001 U	0.001 U	2.63	0.001 U	0.01 U	0.02 U	0.0002 U
	5/17/03	3.39	0.05 U	0.002	0.038	0.002 U	0.001 U	12.3	0.002 U	0.01 U	0.017 U	**2.84**	0.002	1.74	0.15	0.012 U	1.57	0.001 U	0.001 U	1.66	0.001 U	0.01 U	0.028	0.0002 U
	5/11/04	1.8	0.050 U	0.001 U	0.022	0.002 U	0.001 U	13.6	0.002	0.010 U	0.017 U	**0.824**	0.007	1.4	0.076	0.012 U	1.82	0.001 U	0.010 U	2.38	0.001 U	0.010 U	0.067	0.0002 U
	7/16/05	4.01	0.0010 U	0.0028	0.486	0.0020 U	0.0010 U	65.1	0.0042	0.010 U	0.017 U	**5.44**	0.0109	9.29	**1.34**	0.015	2.75	0.0010 U	0.010 U	4.61	0.0010 U	0.010 U	0.024	0.0002 U
	6/19/06	0.342	0.060 U	0.050 U	0.038	0.005 U	0.005 U	36.8	0.005 U	0.050 U	0.005 U	**0.793**	0.005 U	3.66	**0.41**	0.020 U	0.941	0.005 U	0.010 U	2.73	0.010 U	0.020 U	0.02	0.0002 U
	6/19/07	2.37 J	0.060 U	0.005 U	0.149	0.005 U	0.005 U	63.3 J	0.005 U	0.050 U	0.008	**1.12 J**	0.005 UJ	7.67 J	**0.302 J**	0.020 U	1.21	0.005 UJ	0.010 U	5.29 J	0.010 R	0.020 U	0.010 U	0.0002 UJ
	6/30/08	0.651	0.060 U	0.005 U	0.078	0.005 U	0.005 U	62.3	0.005 U	0.050 U	0.005 U	**1.48 J**	0.005 U	5.97	**0.574 J**	0.020 U	1.23 J	0.005 U	0.010 U	4.35 J	0.010 UJ	0.020 U	0.010 U	0.0002 U
	6/8/09	0.168 J	0.0051 R	0.0022 U	0.0281 J	0.00024 U	0.00031 U	21	0.0052 U	0.00049 U	0.00025 U	**0.391 J**	0.0014 U	2.18 J	0.278	0.0033 J	0.784 J	0.0025 J	0.0014 U	2.54 J	0.0217 R	0.0086 U	0.0039 J	0.0002 UJ
	7/12/10	0.251	0.060 U	0.005 U	0.0654	0.005 U	0.0003 J	58.6	0.005 U	0.050 U	0.005 U	**0.422**	0.005 U	6.33	0.296	0.0027 J	1.2 J	0.005 U	0.010 UJ	4.87 J	0.010 U	0.020 U	0.0115	0.0002 U
	7/14/11	0.208	0.0196 U	0.0015 U	0.103 J	0.00014 U	0.0011 J	62.4	0.0047 U	0.00043 U	0.0034 J	**0.667 J**	0.0043	6.59	**0.455**	0.0036 J	1.1 J	0.0025 U	0.0028 U	4.17 J	**0.0149 J**	0.0058 J	0.0034 J	0.00006 U
	7/11/12	0.100 U	0.060 U	0.005 U	0.17 J	0.005 U	0.005 U	76.3	0.005 U	0.050 U	0.005 U	0.103 J	0.005 U	8.78	**0.428 J**	0.020 U	1.48 J	0.005 UJ	0.010 UJ	4.36 J	0.010 UJ	0.020 U	0.010 U	0.00006 U
	7/15/13	0.0061 U	0.002 U	0.0033 J	0.0229 J	0.010 U	0.027 J	26.8 J	0.0027 U	0.00073 U	0.0073 B	0.0509 J	0.0021 U	2.59 J	0.0828 J	0.0014 J	0.768 J	0.0031 U	0.0027 U	2.68 J	0.0033 R	0.0109 U	0.0083 J	0.00015 U
	9/15/14	0.0157 U	0.0028 U	0.0022 U	0.0463 J	0.00022 U	0.00041 U	55.4	0.0028 U	0.00073 J	0.0027 U	0.143 J	0.0021 U	4.72 J	0.231	0.0041 J	0.979 J	0.0015 U	0.003 UJ	4.19 J	**0.004 J**	0.0042 U	0.0085 U	0.00004 U
	9/16/15	0.022 U	0.0037 U	0.0026 U	0.0628 J	0.00041 U	0.0014 J	51.7	0.0099 U	0.00071 J	0.0024 UJ	0.249	0.0029 U	4.56 J	0.266	0.0062 B	0.935 J	0.0042 UJ	0.0024 U	3.89 J	0.0043 R	0.0051 U	0.0065 J	0.00005 U
	9/29/16	0.0166 U	0.0027 U	0.0045 U	0.0518 B	0.00012 U	0.00037 U	57.1	0.0069 U	0.00054 B	0.0017 U	0.130 J	0.0024 U	4.680 B	0.152	0.0036B	0.896 B	0.0034 B	0.0039 U	4.230 B	0.0035 N	0.0042 U	0.0012 B	0.00003 U
	11/27/17	0.199	0.00042 U	0.00056	0.05259	0.00010 U	0.00059	53.7	0.00059 J	0.00041 J	0.00168	**0.354**	0.00114	4.31	**0.4039**	0.00413	1.14	0.00173 U	0.00016 U	4.28	0.00014 U	0.00157 U	0.00667 J	0.00006 U
	10/24/18	0.0579	0.004 U	0.00032 J	0.01845	0.0005 U	0.00019 J	15.1	0.001 U	0.00027 J	0.00063 J	0.0611	0.00037 J	1.61	0.02919	0.00165 J	0.928	0.005 U	0.0004 U	3.11	0.0005 U	0.005 U	0.01 U	0.0002 U
	11/5/19	0.0894	0.004 U	0.00036 J	0.01833	0.0005 U	0.00015 J	10.3	0.00044 J	0.00020 J	0.00103	0.102	0.00056 J	1.22	0.06701	0.00131 J	0.969	0.005 U	0.0004 U	1.62	0.0005 U	0.005 U	0.00592 J	0.0002 U
	11/5/20	0.00671 J	0.004 U	0.00024 J	0.04744	0.0005 U	0.0002 U	61	0.00019 J	0.0005 U	0.001 U	0.07 U	0.001 U	4.93	0.00627	0.002 U	1.26	0.005 U	0.0004 U	4.62	0.001 U	0.005 U	0.01 U	0.0002 U
	11/2/21	0.148	0.004 U	0.00058	0.01531	0.0005 U	0.0002 U	7.38	0.0003 J	0.00026 J	0.00093 J	0.183	0.00116	0.941	0.1078	0.00182 J	0.897	0.005 U	0.0004 U	1.24	0.001 U	0.005 U	0.01552	0.0002 U
	9/15/22	0.209	0.007 U	0.002 U	0.029	0.001 U	0.001 U	43.7	0.002 U	0.002 U	0.002 U	**0.302**	0.003 U	3.78	0.242	0.005 J	1.12 J	0.004 U	0.003 UJ	4.38	0.003 U	0.002 U	0.014 J	0.00009 J
	9/26/23	0.3	0.004 U	0.00065	0.02364	0.0005 U	0.0002 U	16.9	0.00075 J	0.00023 J	0.00132 J	**0.441**	0.00064 J	1.97	0.0645	0.00165 j	1.17	0.005 U	0.0004 U	2.24	0.001 U	0.005 U	0.00446 J	0.0002 U
MW-14D	12/12/95	0.23	0.060 U	0.010 U	**2.6**	0.005 U	0.005 U	468	0.017	0.050 U	0.054	0.100 U	0.005 U	5.00 U	0.015 U	0.040 U	203	0.005 U	0.010 U	**1840**	0.010 U	0.050 U	0.050 U	0.0002 U
	3/28/96	0.29	0.060 U	0.010 U	**2.3**	0.005 U	0.005 U	500	0.015	0.050 U	0.050 U	**0.37**	0.005 U	5.00 U	0.015 U	0.040 U	108	0.005 U	0.010 U	**1870**	0.010 U	0.050 U	0.050 U	0.0002 U
	7/2/96	0.31	0.060 U	0.010 U	**2.6**	0.005 U	0.005 U	488	0.013	0.050 U	0.037	0.25	0.0072	5.00 U	0.015 U	0.040 U	173	0.005 U	0.010 U	**1900**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/16/96	0.23	0.060 U	**0.065**	0.43	0.005 U	0.005 U	469	0.034	0.050 U	**0.22**	0.28	0.0072	5.00 U	0.04	0.040 U	67.2	0.005 U	0.010 U	**4830**	0.010 U	0.050 U	0.050 U	0.0002 U
	4/9/97	0.200 U	0.060 U	0.010 U	**3.1**	0.005 U	0.005 U	472	0.010 U	0.050 U	0.04	0.100 U	0.005 U	5.00 U	0.015 U	0.040 U	198	0.005 U	0.010 U	**1430**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/22/97	0.61	0.060 U	0.012	**1.2**	0.005 U	0.005 U	368	0.016	0.050 U	0.042	**3.3**	0.005 U	5.00 U	0.033	0.040 U	88.4	0.005 U	0.010 U	**2280**	0.010 U	0.050 U	0.050 U	0.0002 U
	4/30/98	Well Dry - unable to collect samples																						
	10/26/98	Well Dry - unable to collect samples																						
	5/3/99	Well Dry - unable to collect samples																						
	10/12/99	Well Dry - unable to collect samples																						
	10/29/00	Well Dry - unable to collect samples																						
	4/29/01	Well Dry - unable to collect samples																						
	5/31/02	Well Dry - unable to collect samples																						
	5/17/03	Well Dry - unable to collect samples																						
	10/25/03	Well Dry - unable to collect samples																						
	5/12/04	Well Dry - unable to collect samples																						
	7/16/05	Well Dry - unable to collect samples																						
	6/19/06	Well Dry - unable to collect samples																						
	6/18/07	Well Dry - unable to collect samples																						
	6/30/08	Well Dry - unable to collect samples																						
	7/12/10	Well Dry - unable to collect samples																						
	7/14/11	Well Dry - unable to collect samples																						
	7/11/12	Well Dry - unable to collect samples																						
	7/15/13	Well Dry - unable to collect samples																						
	9/15/14	Well Dry - unable to collect samples																						
	9/16/15	Well Dry - unable to collect samples																						
	9/29/16	Well Dry - unable to collect samples																						
	11/27/17	Well Dry - unable to collect samples																						
	2/9/18	0.674 J	0.02 U	**0.07396**	**2.032**	0.0025 UJ	0.00148	288 J	0.03742	0.00789	0.1525	**2.6**	0.01882	31.6 J	0.1138	0.0253	85.9 J	0.025 U	0.002 U	**6980 J**	0.0025 U	0.025 U	0.06445	0.0002 U
	10/25/18	0.184	0.02 U	**0.08395**	**1.455**	0.0025 U	0.00059 J	442	0.005 J	0.0025 U	0.01992	**0.755**	0.00545	**45.5**	0.09571	0.00788 J	27.7	0.025 U	0.002 U	**10200**	0.0025 U	0.025 U	0.05 U	0.0002 U

TABLE 2
LABORATORY ANALYSIS OF GROUNDWATER SAMPLES
TAL METALS (mg/L)
EDWARD ALLEN LANDFILL
CORNING, NEW YORK
Final

Data Are Reported in mg/L

Well ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
	NYS GA (mg/L)		**0.003***	**0.025***	**1.000***	**0.003****	**0.005***		**0.050***		**0.200***	**0.300***	**0.025***	**35****	**0.300***	**0.100***		**0.010***	**0.050***	**20***	**0.0005****		**2****	**0.0007***
	11/5/19	0.333	0.02 U	**0.08153**	0.6445	0.0025 U	0.00064 J	662	0.00343 J	0.0025 U	0.01395	**0.388**	0.00383	**146**	0.2924	0.01 U	44.3	0.025 U	0.002 U	**7440**	0.0025 U	0.025 U	0.02277 J	0.0002 U
	11/3/20	0.27 J	0.2 U	**0.07423**	0.6901	0.025 U	0.01 U	751	0.02323 J	0.025 U	0.05 U	3.5 U	0.05 U	**130**	**0.454**	0.1 U	44.1	0.25 U	0.02 U	**7060**	0.05 U	0.25 U	0.5 U	0.0002 U
	11/4/21	0.0442 J	0.04 U	**0.05575**	0.5317	0.05 U	0.002 U	632	0.01 U	0.005 U	0.02 U	**0.369 J**	0.01 U	**152**	**0.5549**	0.02 U	43.4	0.05 U	0.004 U	**6950**	0.01 U	0.05 U	0.1 U	0.0001 J
Abandoned	10/27/22	-	-	**-**	-	-	-	-	-	-	-	**-**	-	**-**	**-**	-	-	-	-	**-**	-	-	-	-
MW-15S	12/12/95	0.22	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	57.5	0.010 U	0.050 U	0.025 U	**0.36**	0.0084	16	0.13	0.040 U	15.3	0.005 U	0.010 U	**40.1**	0.010 U	0.050 U	0.050 U	0.0002 U
	3/27/96	0.22	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	48.7	0.010 U	0.050 U	0.025 U	**0.46**	0.003 U	13.3	0.15	0.040 U	8.4	0.005 U	0.010 U	**27.4**	0.010 U	0.050 U	0.050 U	0.0002 U
	7/2/96	0.51	0.060 U	0.017	0.48	0.005 U	0.005 U	199	0.010 U	0.050 U	0.025 U	0.16	0.003 U	5.00 U	0.019	0.040 U	9.8	0.005 U	0.010 U	**79.9**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/16/96	0.33	0.060 U	0.010 U	0.34	0.005 U	0.005 U	158	0.010 U	0.050 U	0.025 U	**0.35**	0.003 U	5.00 U	0.015 U	0.040 U	9.2	0.005 U	0.010 U	**76.2**	0.010 U	0.050 U	0.094	0.0002 U
	4/3/97	0.25	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	34.4	0.010 U	0.050 U	0.025 U	**0.85**	0.003 U	11.7	0.088	0.040 U	28.2	0.005 U	0.010 U	**47.2**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/22/97	0.3	0.060 U	0.010 U	0.84	0.005 U	0.005 U	267	0.010 U	0.050 U	0.025 U	**0.35**	0.003 U	5.00 U	0.015 U	0.040 U	9.3	0.005 U	0.010 U	**72.5**	0.010 U	0.050 U	0.050 U	0.0002 U
	4/30/98	1	0.060 U	0.023	0.6	0.005 U	0.005 U	291	0.029	0.050 U	0.025 U	**0.79**	0.003 U	5.00 U	0.021	0.040 U	8.1	0.005 U	**0.065**	**69.8**	0.010 U	0.050 U	0.19	0.0002 U
	10/26/98	0.44	0.060 U	0.010 U	0.52	0.005 U	0.005 U	173	0.017	0.050 U	0.026	**0.59**	0.003 U	5.00 U	0.016	0.040 U	7	0.005 U	0.010 U	**65.7**	0.010 U	0.050 U	0.056	0.0002 U
	5/3/99	0.41	0.060 U	0.010 U	0.65	0.005 U	0.005 U	191	0.010 U	0.050 U	0.025 U	0.11	0.003 U	5.00 U	0.021	0.040 U	7.7	0.005 U	**0.065**	**67.3**	0.010 U	0.050 U	0.19	0.0002 U
	10/11/99	0.24	0.060 U	0.010 U	1	0.005 U	0.005 U	247	0.010 U	0.050 U	0.025 U	0.23	0.003 U	5.00 U	0.015 U	-	9.9	0.005 U	0.010 U	**71.1**	0.010 U	0.050 U	0.050 U	0.0002 U

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TAL METALS (mg/L)
EDWARD ALLEN LANDFILL
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Final

Data Are Reported in mg/L

Well ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
	NYS GA (mg/L)		**0.003***	**0.025***	**1.000***	**0.003****	**0.005***		**0.050***		**0.200***	**0.300***	**0.025***	**35****	**0.300***	**0.100***		**0.010***	**0.050***	**20***	**0.0005****		**2****	**0.0007***
MW-15S	5/10/00	0.369	0.060 U	0.004	0.649	0.005 U	0.005 U	218	0.037	0.01	0.025 U	**0.95**	**0.033**	0.01	0.015 U	0.037	7.38	0.005 U	0.010 U	**60.7**	0.010 U	0.050 U	0.027	0.0002 U
	10/28/00	0.29	0.060 U	0.005	0.377	0.005 U	0.005 U	-	0.010 U	0.050 U	0.025 U	0.189	0.004	5.00 U	-	0.040 U	6.18	0.005 U	0.010 U	**53**	0.010 U	0.050 U	0.025	0.0002 U
	4/30/01	0.343	0.060 U	0.010 U	0.344	0.005 U	0.005 U	-	0.010 U	0.050 U	0.025 U	0.11	0.003	5.00 U	-	0.040 U	6.84	0.005 U	0.010 U	**57.2**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/25/01	0.075 U	0.05 U	0.005	0.424	0.002 U	0.005 U	-	0.01 U	0.01 U	0.017	0.075	0.005 U	0.5 U	-	0.012 U	5.73	0.005 U	0.01 U	**51.9**	0.001 U	0.01 U	0.02 U	0.0002 U
	5/31/02	0.191	0.05 U	0.011	0.573	0.002 U	0.001 U	306	0.004	0.01 U	0.024	0.157	0.007	1.06	0.014	0.012 U	5.63	0.002	0.001 U	**51.4**	0.001 U	0.01 U	0.024	0.0002 U
	5/17/03	0.147	0.05 U	0.001	0.495	0.002 U	0.001 U	219	0.002	0.01 U	0.017 U	0.055	0.003	0.5 U	0.006	0.012 U	5.47	0.001 U	0.001 U	**46.3**	0.001 U	0.01 U	0.02 U	0.0002 U
	5/11/04	0.216	0.050 U	0.003	0.633	0.002 U	0.001	301	0.006	0.010 U	0.021	0.288	0.046	0.500 U	0.011	0.012 U	7.48	0.002	0.010 U	**46.1**	0.001 U	0.010 U	0.097	0.0002 U
	7/16/05	0.075 U	0.0010 U	0.0010 U	0.751	0.0020 U	0.0010 U	354	0.0039	0.010 U	0.021	0.0703	0.004	0.500 U	0.0050 U	0.012 U	6.91	0.0010 U	0.010 U	**49.8**	0.0010 U	0.010 U	0.020 U	0.0002 U
	6/19/06	0.192	0.060 U	0.050 U	0.887	0.005 U	0.005 U	199	0.005 U	0.088	0.005 U	**0.393**	0.01	0.050 U	0.025	0.020 U	8.52	0.005 U	0.010 U	**33.4**	0.010 U	0.020 U	0.010 U	0.0002 U
	6/19/07	0.108 J	0.060 U	0.005 U	0.88	0.005 U	0.005 U	373 J	0.005 U	0.050 U	0.005	0.050 U	0.014 J	0.054 J	0.020 UJ	0.020 U	7.66	0.005 UJ	0.010 U	**33.6 J**	0.010 R	0.020 U	0.019	0.0002 UJ
	6/30/08	0.23	0.060 U	0.005 U	0.58	0.005 U	0.005 U	365	0.005 U	0.050 U	0.005 U	**0.364 J**	0.005 U	0.050 U	0.020 U	0.020 U	6.46 J	0.005 U	0.010 U	**37.1 J**	0.010 UJ	0.020 U	0.010 U	0.0002 U
	6/8/09	0.839	0.0067 R	0.0022 U	0.188 J	0.00024 U	0.00068 J	105	0.0052 U	0.00049 U	0.0042 J	0.293 J	0.0015 J	0.210 J	0.0136 J	0.0017 J	6.44 J	0.0023 U	0.0014 U	**43.6 J**	0.0081 R	0.0086 U	0.0054 J	0.0002 UJ
	7/12/10	0.97	0.060 U	0.005 U	0.0891	0.005 U	0.0011 J	36.7	0.005 U	0.050 U	0.005 U	**0.401**	0.005 U	0.444	0.0245	0.0008 J	4.98 J	0.005 U	0.010 UJ	**38.6 J**	0.010 U	0.020 U	0.0094 J	0.0002 U
	7/14/11	0.355	0.0196 U	0.0043 U	0.0789 J	0.00014 U	0.00047 J	26.8	0.0047 U	0.00043 U	0.0037 J	0.185 J	0.002 J	0.0558 J	0.0145 J	0.00070 J	4.49 J	0.0025 U	0.0028 U	**35.5 J**	**0.0025 J**	0.0055 J	0.0014 J	0.00006 U
	7/11/12	0.18 J	0.060 U	0.009 J	0.0071 J	0.005 U	0.005 U	16.5	0.005 U	0.050 U	0.005 U	0.050 U	0.005 U	0.105	0.020 U	0.020 U	5.4 J	0.005 UJ	0.010 UJ	**32 J**	0.010 UJ	0.020 U	0.010 U	0.00006 U
	7/15/13	0.0373 J	0.0053 J	0.0076 J	0.0568 J	0.0001 U	0.00017 J	9.63 J	0.0027 U	0.00073 U	0.0041 J	0.0186 J	0.0021 U	0.071 J	0.0018 J	0.00046 U	4.72 J	0.0031 U	0.0027 U	**40 J**	0.0033 R	0.0109 U	0.0035 J	0.00015 U
	9/15/14	0.173 J	0.0028 U	0.0127	0.0841 J	0.00022 U	0.0024 J	16.2	0.0028 U	0.00017 U	0.0027 U	0.0303 J	0.0021 U	0.390 J	0.0042 J	0.00036 U	5.15 J	0.0015 U	0.0047 UJ	**40.1J**	0.003 R	0.007 J	0.0061 U	0.00004 U
	9/16/15	0.127 J	0.0041 J	0.0117	0.0527 J	0.00041 U	0.00044 U	5.82	0.0099 U	0.00058 U	0.0024 U	0.0141 J	0.0029 U	0.408 J	0.0012 J	0.0008 U	5.04	0.0042 UJ	0.0025 U	**46.1J**	0.0043 R	0.0051 U	0.0014 J	0.00005 U
	9/29/16	0.251	0.0027 U	0.0037	0.129 B	0.00012 B	0.00082 U	53.3	0.0069 U	0.00039 B	0.004 B	0.045 J	0.0024 U	0.887 B	0.0274	0.0004 U	4.990 B	0.0034 U	0.0039 U	**39.700 B**	0.0035 R	0.0087 B	0.0078 B	0.00003 U
	11/27/17	0.301	0.00042 U	**0.02668**	0.1314	0.00010 U	0.00007 J	34.6	0.00056 J	0.00016 U	0.00050 J	0.0368 J	0.00114	3.67	0.01265	0.00055 U	4.86	0.00173 U	0.00016 U	**46.7**	0.00014 U	0.00249 J	0.00341 U	0.00006 U
	10/24/18	0.148	0.004 U	0.00996	0.08131	0.0005 U	0.00006 J	26.8	0.001 U	0.0005 U	0.001 U	0.0252 J	0.00089 J	7.39	0.01908	0.002 U	4.41	0.005 U	0.0004 U	**57**	0.0005 U	0.005 U	0.01 U	0.0002 U
	11/7/19	0.123	0.004 U	0.00945	0.06709	0.0005 U	0.00020 U	23.5	0.00026 J	0.0005 U	0.001 U	0.05 U	0.00054 J	5.35	0.01372	0.002 U	4.36	0.005 U	0.0004 U	**47**	0.0005 U	0.005 U	0.01 U	0.0002 U
	11/4/20	0.263	0.00139 J	0.00185	0.1257	0.0005 U	0.0002 U	27	0.0017	0.0005 U	0.00054 J	0.07 U	0.001 U	0.802	0.00434	0.002 U	5.39	0.005 U	0.0004 U	**46.9**	0.001 U	0.005 U	0.01 U	0.0002 U
	11/3/21	0.206	0.00081 J	0.00335	0.1161	0.0005 U	0.0002 U	33.6	0.00234	0.0005 U	0.002 U	0.05 U	0.00034 J	0.414	0.0048	0.00107 J	4.14	0.005 U	0.0004 U	**41.3**	0.001 U	0.005 U	0.01198	0.0002 U
	9/15/22	0.059 J	0.007 U	0.002 J	0.124	0.001 U	0.001 U	14	0.002 U	0.002 U	0.002 U	0.120 J	0.003 U	0.12	0.002 U	0.002 U	5.1	0.004 U	0.003 U	**47.8**	0.003 U	0.002 U	0.007 J	0.00009 U
	9/26/23	0.048	0.0016 J	0.00071	0.1514	0.0005 U	0.0002 U	14.9	0.00162	0.0005 U	0.00093 J	0.0356 J	0.001 U	0.0427 J	0.00291	0.002 U	4.89	0.005 U	0.0004 U	**42**	0.001 U	0.005 U	0.00468 J	0.0002 U
MW-15I	12/12/95	0.200 U	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	40.4	0.010 U	0.050 U	0.025 U	0.21	0.003 U	13.9	0.11	0.040 U	13.2	0.005 U	0.010 U	**35.7**	0.010 U	0.050 U	0.050 U	0.0002 U
	4/5/96	0.21	0.060 U	0.010 U	0.44	0.005 U	0.005 U	147	0.010 U	0.050 U	0.025 U	0.100 U	0.003 U	5.00 U	0.015 U	0.040 U	9.6	0.005 U	0.010 U	**79.5**	0.010 U	0.050 U	0.050 U	0.0002 U
	7/2/96	0.200 U	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	11.1	0.010 U	0.050 U	0.025 U	**0.42**	0.003 U	11.8	0.051	0.040 U	28.1	0.005 U	0.010 U	**47.8**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/16/96	0.39	0.060 U	0.010 U	0.57	0.005 U	0.005 U	14.8	0.010 U	0.050 U	0.025 U	**0.64**	0.003 U	10.9	0.057	0.040 U	33.5	0.005 U	0.010 U	**58.6**	0.010 U	0.050 U	0.050 U	0.0002 U
	4/3/97	0.42	0.060 U	0.010 U	0.57	0.005 U	0.005 U	142	0.010 U	0.050 U	0.025 U	**0.41**	0.003 U	5.00 U	0.015 U	0.040 U	8.8	0.005 U	0.010 U	**67.4**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/22/97	0.36	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	24.4	0.010 U	0.050 U	0.025 U	**1**	0.003 U	9.7	0.044	0.040 U	40.8	0.005 U	0.010 U	**60.9**	0.010 U	0.050 U	0.050 U	0.0002 U
	4/30/98	0.200 U	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	25.6	0.010 U	0.050 U	0.025 U	**0.35**	0.003 U	13.5	0.084	0.040 U	26.1	0.005 U	0.010 U	**46.3**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/26/98	0.200 U	0.060 U	0.010 U	0.200 U	0.005 U	0.005 U	38.1	0.010 U	0.050 U	0.025 U	**0.47**	0.003 U	13.1	0.1	0.040 U	20.7	0.005 U	0.010 U	**45.3**	0.010 U	0.050 U	0.094	0.0002 U
	5/3/99	3.8	0.060 U	0.010 U	0.48	0.005 U	0.005 U	108	**0.057**	0.050 U	0.025 U	**8.5**	0.0076	15.9	**0.64**	0.040 U	10.9	0.005 U	0.010 U	**32.6**	0.010 U	0.050 U	0.084mbd	0.0002 U
	10/11/99	0.29	0.060 U	0.010 U	0.43	0.005 U	0.005 U	26.9	0.045	0.050 U	0.025 U	**1.3**	0.003	11.9	0.054	0.040 U	26.4	0.005 U	0.010 U	**51.6**	0.010 U	0.050 U	0.050 U	0.0002 U
	5/10/00	0.200 U	0.060 U	0.010 U	0.089	0.005 U	0.005 U	14.9	0.010 U	0.050 U	0.025 U	**0.305**	0.004	12.8	0.026	0.017	21.3	0.005 U	0.010 U	**45**	0.010 U	0.050 U	0.058	0.0002 U
	10/28/00	0.144	0.060 U	0.004	0.137	0.005 U	0.005 U	-	0.010 U	0.050 U	0.025 U	**0.365**	0.007	12.4	-	0.040 U	17	0.005 U	0.010 U	**37.5**	0.010 U	0.050 U	0.050 U	0.0002 U
	5/1/01	0.200 U	0.060 U	0.010 U	0.191	0.005 U	0.005 U	-	0.019	0.050 U	0.025 U	**0.308**	0.003 U	13.4	-	0.040 U	5.00 U	0.005 U	0.010 U	**32**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/25/01	0.075 U	0.05 U	0.005 U	0.173	0.002 U	0.005 U	-	0.01 U	0.01 U	0.017 U	**0.433**	0.003	12.6	-	0.012 U	5.91	0.005 U	0.01 U	**30.2**	0.001 U	0.01 U	0.02 U	0.0002 U
	5/31/02	0.075 U	0.05 U	0.001	0.077	0.002 U	0.001 U	17.7	0.002 U	0.01 U	0.017 U	0.118	0.003	12	0.053	0.012 U	22	0.001 U	0.001 U	**47.5**	0.001 U	0.01 U	0.02 U	0.0002 U
	5/17/03	0.075 U	0.05 U	0.002	0.033	0.002 U	0.001 U	7.68	0.002 U	0.01 U	0.017 U	0.088	0.002	10.8	0.024	0.012 U	25.4	0.001 U	0.001 U	**50.8**	0.001 U	0.01 U	0.029	0.0002 U
	5/11/04	0.1 U	0.050 U	0.002	0.02	0.002 U	0.001	4.9	0.002 U	0.010 U	0.017 U	0.16	0.005	8.9	0.007	0.012 U	24.8	0.001 U	0.010 U	**48**	0.001 U	0.010 U	0.056	0.0002 U
	7/16/05	0.075 U	0.0021	0.0022	0.034	0.0020 U	0.0010 U	7.54	0.0020 U	0.010 U	0.017 U	0.0637	0.0062	10.2	0.0088	0.012 U	23.6	0.0010 U	0.010 U	**55**	0.0010 U	0.010 U	0.020 U	0.0002 U
	6/19/06	0.100 U	0.060 U	0.050 U	0.064	0.005 U	0.005 U	9.9	0.005 U	0.050 U	0.005 U	**3.73**	0.007	9.02	0.092	0.020 U	21.8	0.005 U	0.010 U	**34**	0.010 U	0.020 U	0.025	0.0002 U
	6/19/07	0.100 U	0.060 U	0.005 U	0.223	0.005 U	0.005 U	56 J	0.005 U	0.050 U	0.005 U	**0.455 J**	0.005 UJ	13.5 J	0.21 J	0.020 U	3.06	0.005 UJ	0.010 U	19.7 J	0.010 R	0.020 U	0.010 U	0.0002 UJ
	6/30/08	0.100 U	0.060 U	0.005 U	0.16	0.005 U	0.005 U	41.1	0.005 U	0.050 U	0.006	**0.476 J**	0.005 U	11.6	0.147 J	0.020 U	8.95 J	0.005 U	0.010 U	**28.2 J**	0.010 UJ	0.020 U	0.010 U	0.0002 U
	6/8/09	0.0141 U	0.0147 R	0.0022 U	0.0203 J	0.00024 U	0.00031 U	4.4 J	0.0052 U	0.0041 J	0.0028 J	0.0515 J	0.0014 U	9	0.0126 J	0.002 J	20 J	0.0023 U	0.0014 U	**34.3 J**	0.0242 R	0.0086 U	0.0091 J	0.0002 UJ
	7/12/10	0.079 J	0.060 U	0.005 U	0.0601	0.005 U	0.0004 J	7.63	0.005 U	0.0028 J	0.005 U	0.270	0.005 U	7.64	0.0319	0.0022 J	14.3 J	0.005 U	0.010 UJ	**34 J**	0.010 U	0.020 U	0.0064 J	0.0002 U
	7/14/11	0.0117 J	0.0196 U	0.0016 U	0.0505 J	0.00014 J	0.0044 J	8.49	0.0047 U	0.0027 J	0.0071 J	**0.335 J**	0.003	8.98	0.0281	0.0032 J	11 J	0.0025 U	0.0028 U	**31.1 J**	**0.0027 J**	0.0049 U	0.0037 J	0.00006 U
	7/11/12	0.100 U	0.060 U	0.006 J	0.051 J	0.005 U	0.005 U	9.28	0.005 U	0.050 U	0.005 U	0.050 U	0.005 U	6.35	0.020 U	0.020 U	10.5 J	0.005 UJ	0.010 UJ	**21.5 J**	0.010 UJ	0.020 U	0.010 U	0.00006 U
	7/15/13	0.006 U	0.0048 J	0.0048 J	0.0857 J	0.0001 U	0.00032 J	8.91 J	0.0027 U	0.003 J	0.0071 J	0.11	0.0026 J	6.95 J	0.0218	0.0023 J	10.6 J	0.0031 U	0.0027 U	**30.7 J**	0.0033 R	0.0109 U	0.0119 J	0.00015 U
	9/15/14	0.0157 U	0.0028 U	0.0022 U	0.0716 J	0.00022 U	0.00041 U	8.84	0.0028 U	0.0035 J	0.0027 U	0.0757 J	0.0028 J	6.65	0.012 J	0.0021 J	11.5 J	0.0015 U	0.0033 UJ	**34.3**	0.003 R	0.0042 U	0.0081 U	0.00004 U
	9/16/15	0.022 U	0.0049 J	0.0033 J	0.0935 J	0.00041 U	0.0011 J	14.1	0.0099 U	0.0037 J	0.0024 U	0.149J	0.0029 U	61.3	0.0295	0.0031 J	9.86	0.0042 UJ	0.0025 U	**33.2J**	0.0043 R	0.0051 U	0.0045 J	0.00005 U
	9/29/16	0.0166 U	0.0027 B	0.0029 B	0.204	0.00012 U	0.00037 U	31	0.0069 U	0.0014 B	0.0028 U	0.119 J	0.0024 U	119	0.0411	0.00091 B	5.69	0.0034 U	0.0039 U	**30.9**	0.0035 R	0.0042 U	0.00099 B	0.00003 U
	11/27/17	0.0134 R	0.00042 U	0.00218	0.1683	0.00010 U	0.00040	32.2	0.00033 J	0.00181	0.00072 J	0.0654	0.00052 J	9.54	0.06926	0.00151 J	5.80	0.00173 U	0.00016 U	**25.7**	0.00014 U	0.00157 U	0.00341 U	0.00006 U

TABLE 2
LABORATORY ANALYSIS OF GROUNDWATER SAMPLES
TAL METALS (mg/L)
EDWARD ALLEN LANDFILL
CORNING, NEW YORK
Final

Data Are Reported in mg/L

Well ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
	NYS GA (mg/L)		**0.003***	**0.025***	**1.000***	**0.003****	**0.005***		**0.050***		**0.200***	**0.300***	**0.025***	**35****	**0.300***	**0.100***		**0.010***	**0.050***	**20***	**0.0005****		**2****	**0.0007***
	10/24/18	0.16	0.004 U	0.00223	0.2274	0.0005 U	0.0001 J	60.5	0.001 U	0.0005 U	0.00049 J	**0.442**	0.00093 J	13.8	0.2144	0.002 U	2.52	0.005 U	0.0004 U	**29.6**	0.0005 U	0.005 U	0.01 U	0.0002 U
	11/7/19	0.157	0.004 U	0.00226	0.2317	0.0005 U	0.00008 J	64.2	0.00047 J	0.0002 J	0.001 U	**0.610**	0.00061 J	14.6	0.2238	0.002 U	2.65	0.005 U	0.0004 U	**26.6**	0.0005 U	0.005 U	0.01 U	0.0002 U
	11/4/20	0.187	0.00056 J	0.00254	0.2589	0.0005 U	0.00007 J	71.5	0.00072 J	0.00024 J	0.0005 J	**0.616 J+**	0.00056 J	14.7	0.2216	0.00061 J	3.2	0.005 U	0.0004 U	**27.7**	0.001 U	0.005 U	0.01 U	0.0002 U
	11/3/21	0.208	0.004 U	0.00219	0.2212	0.0005 U	0.00006 J	61	0.001	0.00022 J	0.00044 J	**0.688**	0.00052 J	14.1	0.2133	0.002 U	2.62	0.005 U	0.0004 U	**26**	0.001 U	0.005 U	0.01253	0.0002 U
	9/15/22	0.041 J	0.007 U	0.003 J	0.205	0.001 U	0.001 U	58	0.002 U	0.002 U	0.002 U	0.298	0.003 U	14.1	0.185	0.002 U	2.8	0.004 U	0.003 U	**27.9**	0.003 U	0.002 U	0.002 J	0.00009 U
	9/26/23	0.0916	0.004 U	0.00243	0.2215	0.0005 U	0.0002 U	62.3	0.00058 J	0.00016 J	0.0009 J	**0.466**	0.0004 J	14.2	0.2036	0.002 U	3.02	0.005 U	0.0004 U	**26.7**	0.001 U	0.005 U	0.01 U	0.0002 U
MW-15D	12/13/95	0.45	0.060 U	0.010 U	**1.5**	0.005 U	0.005 U	28.2	0.021	0.050 U	0.025 U	**1**	0.003 U	6.4	0.036	0.040 U	28.8	0.005 U	0.010 U	**169**	0.010 U	0.050 U	0.050 U	0.0002 U
	3/27/96	0.6	0.060 U	0.010 U	1	0.005 U	0.005 U	21.2	0.010 U	0.050 U	0.025 U	**1.3**	0.003 U	5.7	0.064	0.040 U	12.7	0.005 U	0.010 U	**174**	0.010 U	0.050 U	0.050 U	0.0002 U
	7/2/96	0.25	0.060 U	0.010 U	**1.2**	0.005 U	0.005 U	21.7	0.010 U	0.050 U	0.025 U	**0.35**	0.003 U	5.5	0.024	0.040 U	5	0.005 U	0.010 U	**135**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/16/96	0.25	0.060 U	0.010 U	**1.1**	0.005 U	0.005 U	20.9	0.010 U	0.050 U	0.025 U	**0.39**	0.003 U	5.2	0.019	0.040 U	8.8	0.005 U	0.010 U	**152**	0.010 U	0.050 U	0.050 U	0.0002 U
	4/3/97	0.200 U	0.060 U	0.010 U	**1.2**	0.005 U	0.005 U	22.5	0.010 U	0.050 U	0.025 U	0.17	0.003 U	5.4	0.018	0.040 U	5.00 U	0.005 U	0.010 U	**150**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/22/97	0.68	0.060 U	0.010 U	0.72	0.005 U	0.005 U	19.6	0.019	0.050 U	0.025 U	**2.8**	0.003 U	5.2	0.036	0.040 U	10.9	0.005 U	0.010 U	**171**	0.010 U	0.050 U	0.050 U	0.0002 U
	4/30/98	0.21	0.060 U	0.010 U	0.99	0.005 U	0.005 U	12.8	0.010 U	0.050 U	0.025 U	**0.53**	0.003 U	5.00 U	0.019	0.040 U	16	0.005 U	0.010 U	**170**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/26/98	0.41	0.060 U	0.010 U	**1.3**	0.005 U	0.005 U	22.3	0.013	0.050 U	0.025 U	**0.48**	0.003 U	5.00 U	0.031	0.040 U	6.3	0.005 U	0.010 U	**184**	0.010 U	0.050 U	0.056	0.0002 U
	5/3/99	1.1	0.060 U	0.010 U	**1.1**	0.005 U	0.005 U	27.5	0.010 U	0.050 U	0.025 U	**1**	0.003 U	6.3	0.049	0.040 U	5.5	0.005 U	0.010 U	**153**	0.010 U	0.050 U	0.050 U	0.0002 U

TABLE 2
LABORATORY ANALYSIS OF GROUNDWATER SAMPLES
TAL METALS (mg/L)
EDWARD ALLEN LANDFILL
CORNING, NEW YORK
Final

Data Are Reported in mg/L

Well ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
	NYS GA (mg/L)		**0.003***	**0.025***	**1.000***	**0.003****	**0.005***		**0.050***		**0.200***	**0.300***	**0.025***	**35****	**0.300***	**0.100***		**0.010***	**0.050***	**20***	**0.0005****		**2****	**0.0007***
MW-15D	10/12/99	1.2	0.060 U	0.010 U	**1.3**	0.005 U	0.005 U	24.4	**0.054**	0.050 U	0.025 U	**1.6**	0.003 U	5.5	0.033	0.046	5.00 U	0.005 U	0.010 U	**177**	0.010 U	0.050 U	0.050 U	0.0002 U
	5/10/00	0.173	0.060 U	0.010 U	**1.23**	0.005 U	0.005 U	20.5	0.017	0.050 U	0.025 U	0.288	0.005	4.64	0.021	0.040 U	4.01	0.005 U	0.010 U	**165**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/28/00	0.200 U	0.060 U	0.010 U	**1.19**	0.005 U	0.005 U	-	0.010 U	0.050 U	0.025 U	0.065	0.004	5.07	-	0.040 U	8.22	0.005 U	0.010 U	**146**	0.010 U	0.050 U	0.050 U	0.0002 U
	4/30/01	0.200 U	0.060 U	0.010 U	**1.18**	0.005 U	0.005 U	-	0.010 U	0.050 U	0.025 U	0.105	0.002	4.64	-	0.040 U	5.53	0.005 U	0.010 U	**142**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/25/01	0.107	0.05 U	0.005 U	**1.17**	0.002 U	0.005 U	-	0.01 U	0.01 U	0.017 U	**0.475**	0.003	4.48	-	0.012 U	14.4	0.005 U	0.01 U	**132**	0.001 U	0.01 U	0.029	0.0002 U
	5/31/02	0.075 U	0.05 U	0.002 U	0.866	0.002 U	0.001 U	5.52	0.004 U	0.01 U	0.017 U	0.04 U	0.002	4.14	0.005 U	0.012 U	13.3	0.002 U	0.001 U	**135**	0.001 U	0.01 U	0.02 U	0.0002 U
	5/18/03	0.075 U	0.05 U	0.003 U	0.671	0.002 U	0.001 U	3.15	0.006 U	0.01 U	0.017 U	0.057	0.001	4.06	0.007	0.012 U	26.4	0.003 U	0.001 U	**138**	0.001 U	0.01 U	0.042	0.0002 U
	5/11/04	0.1 U	0.050 U	0.001 U	0.506	0.002 U	0.001 U	2.6	0.002 U	0.010 U	0.017 U	0.051	0.001 U	3.7	0.0050 U	0.012 U	34.1	0.001 U	0.010 U	**149**	0.001 U	0.010 U	0.056	0.0002 U
	7/16/05	0.075 U	0.0010 U	0.0050 U	0.836	0.0020 U	0.0010 U	19.3	0.010 U	0.010 U	0.017 U	0.149	0.0023	3.83	0.0050 U	0.012 U	33.6	0.0050 U	0.010 U	**188**	0.0010 U	0.010 U	0.020 U	0.0002 U
	6/19/06	0.100 U	0.060 U	0.050 U	0.825	0.005 U	0.005 U	41	0.005 U	0.083	0.005 U	0.195	0.005 U	2.96	0.020 U	0.020 U	45.4	0.005 U	0.010 U	**79.3**	0.010 U	0.020 U	0.010 U	0.0002 U
	6/19/07	0.100 U	0.060 U	0.005 U	0.813	0.005 U	0.005 U	17 J	0.005 U	0.050 U	0.005	0.101 J	0.005 UJ	3.19 J	0.020 UJ	0.020 U	24.8	0.005 UJ	0.010 U	**48.8 J**	0.010 R	0.020 U	0.010 U	0.0002 UJ
	6/30/08	0.100 U	0.060 U	0.005 U	0.576	0.005 U	0.005 U	15.6	0.005 U	0.050 U	0.005 U	0.089 J	0.005 U	2.89	0.020 U	0.020 U	33.3 J	0.005 U	0.010 U	**185 J**	0.010 UJ	0.020 U	0.057	0.0002 U
	6/8/09	0.014 U	0.0051 R	0.0022 U	0.501	0.00025 J	0.00031 U	5.1	0.0052 U	0.00078 J	0.0025 U	0.0058 J	0.0014 U	3.29 J	0.00057 U	0.00078 J	31.1 J	0.0048 J	0.0014 U	**177 J**	0.0189 R	0.0086 U	0.0421	0.0002 UJ
	7/12/10	0.042 J	0.060 U	0.005 U	0.75	0.0002 J	0.0002 J	5.53	0.005 U	0.050 U	0.005 U	0.022 J	0.005 U	3.26	0.0015 J	0.020 U	16.7 J	0.005 U	0.010 UJ	**104 J**	0.010 U	0.020 U	0.0166	0.0002 U
	7/14/11	0.0081 U	0.0196 U	0.0021 U	0.607	0.00014 U	0.0014 J	12.6	0.0047 U	0.00091 J	0.003 J	0.114 J	0.0019 U	3.24 J	0.0016 J	0.0026 J	23 J	0.0025 U	0.0028 U	**160 J**	**0.0034 J**	0.0068 J	0.0192 J	0.00006 U
	7/11/12	0.100 U	0.060 U	0.005 U	0.73 J	0.005 U	0.005 U	37.6	0.005 U	0.050 U	0.005 U	0.152 J	0.005 U	3.18	0.020 U	0.020 U	30 J	0.005 UJ	0.010 UJ	**139 J**	0.010 UJ	0.020 U	0.022 J	0.00006 U
	7/15/13	0.0061 U	0.0022 J	0.0016 U	0.232	0.00021 J	0.00021 J	3.54 J	0.0027 U	0.0011 J	0.0042 J	0.0096 J	0.0021 U	2.52 J	0.0015 U	0.0019 J	29.2 J	0.0031 U	0.0027 U	**203 J**	0.0046 J	0.0109 U	0.003 J	0.00015 U
	9/15/14	0.0157 U	0.0028 U	0.0029 J	0.576	0.00022 U	0.00094 J	21.9	0.0028 U	0.0019 J	0.0027 U	0.0383 J	0.0021 U	3.41 J	0.0053 J	0.0016 J	27.3 J	0.0015 U	0.0035 UJ	**187**	0.003 R	0.0042 U	0.0166 U	0.00004 U
	9/16/15	0.022 U	0.0037 U	0.0026 U	0.265	0.00041 U	0.00044 U	5.31	0.0099 U	0.001 J	0.0024 U	0.0077 J	0.0029 U	2.93 J	0.00056 J	0.0018 J	26.4	0.0042 UJ	0.0025 U	**138J**	0.0043 R	0.0051 U	0.0036 UJ	0.00005 U
	9/29/16	0.0166 U	0.0027 U	0.0034 J	0.728	0.00012 U	0.0019 J	30.6	0.0104	0.0025 J	0.0045 J	0.0614 J	0.0024 U	3.60 J	0.0035 U	0.0039 U	23.6	0.0034 U	0.0039 U	**174**	0.0035 R	0.0042 U	0.0147 J	0.00003 U
	11/27/17	0.0812	0.00042 U	0.00018 J	0.8393	0.00010 U	0.00197	15.7	0.00081 J	0.00181	0.00299	0.139	0.00135	3.52	0.01082	0.00260	9.68	0.00173 U	0.00016 U	**133**	0.00014 U	0.00157 U	0.01898	0.00006 U
	10/26/18	0.188	0.004 U	0.00043 J	**1.279**	0.0005 U	0.0002 U	20.4	0.001 J	0.00062	0.00153	**0.503**	0.001 U	4.09	0.02747	0.01462	3.15	0.005 U	0.0004 U	**176**	0.0005 U	0.005 U	0.01 U	0.0002 U
	11/7/19	0.0473	0.004 U	0.00026 J	**1.16**	0.0005 U	0.00006 J	17.2	0.00491	0.00052	0.00063 J	0.124	0.001 U	3.49	0.01813	0.00542	3.68	0.005 U	0.0004 U	**162**	0.0005 U	0.005 U	0.01 U	0.0002 U
	11/6/20	0.0683	0.0006 J	0.0003 J	0.1806	0.0005 U	0.0002 U	2.89	0.00182	0.00119	0.0016	0.07 U	0.001 U	2.2	0.00153	0.00671	12.5	0.005 U	0.0004 U	**138**	0.001 U	0.005 U	0.00427 J	0.0002 U
	11/3/21	0.126	0.004 U	0.00078	0.9988	0.0005 U	0.0002 U	11.9	0.00123	0.0002 J	0.00057 J	0.23	0.00035 J	2.12	0.02203	0.00183 J	3.52	0.005 U	0.0004 U	**242**	0.001 U	0.005 U	0.01032	0.0002 U
	10/24/22	0.127	0.0071 U	0.0019 U	0.13	0.0009 U	0.001 U	10.9	0.0021 U	0.0030 J	0.0048 J	0.174	0.0027 U	1.84	0.0111	0.0052 J	18.2	0.0035 U	0.0028 U	**173**	0.0025 U	0.0020 U	0.0107 J	0.00009 U
	9/26/23	0.0391	0.00063 J	0.0031 J	0.3223	0.0005 U	0.00023	26.4	0.00059 J	0.00388	0.00229	0.0703	0.0011	1.93	0.00625	0.00335	14.8	0.005 U	0.0004 U	**146**	0.001 U	0.005 U	0.00394 J	0.0002 U

*NYS GA = standard value for groundwater considered a source of drinking water.
**NYS GA = guidance value for groundwater considered a source of drinking water.
mg/L = milligram per liter.
U = Not detected above the reported sample quantitation limit.
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 solid-phase micro extraction-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
UJ = Not detected above the reported sample quantitation limit; quantitation limit is approximate.
R - Result is rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria.
BOLD values indicate the analyte was detected above the applicable NYS GA.
J+ = The result is an estimated quantity, but the result may be biased high.

TABLE 3
LABORATORY ANALYSIS OF GROUNDWATER SAMPLES
VOLATILE ORGANIC COMPOUNDS (ug/L)
EDWARD ALLEN LANDFILL
CORNING, NEW YORK
Final

Data Are Reported in ug/L.

Well ID	Date	1,1,1,2-TCA	1,1,1-TCA	1,1,2,2-TCA	Freon 113	1,1,2-TCA	1,1-DCA	1,1-DCE	1,2,4-TCB	DBCP	EDB	1,2-DCB	1,2-DCA	1,2-DCP	1,3-DCP	1,3-DCB	1,4-DCB	2-Butanone	2-Hexanone	4-Methyl-2-pentanone	Acetone	Benzene	Bromodichloromethane	Bromoform	Bromomethane
	NYS GA (ug/L)	5*	5*	5*	5*	1*	5*	5*	5*	0.04*	0.0006*	3*	5*	5*	1*	3*	3*	50**	50**		50**	1*	5*	50**	5*
MW-7S	12/12/95	-	2.7	-	-	-	3.4	-	-	-	-	-	1.1	-	-	-	-	-	-	-	-	-	-	-	-
	3/28/96	-	1.3	-	-	-	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7/1/96	-	1.6	-	-	-	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/15/96	-	-	-	-	-	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/2/97	-	1.1	-	-	-	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/23/97	-	-	-	-	-	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/30/98	-	-	-	-	-	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/27/98	-	-	-	-	-	2.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/3/99	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/11/99	-	2.8	-	-	-	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/10/00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/29/00	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	1 U	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	4/30/01	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	1 U	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	10/25/01	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	1 U	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	6/2/02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	1 U	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	11/24/02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	1 U	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	5/18/03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	1 U	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	10/25/03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	1 U	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	5/13/04	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	1 U	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	10/31/04	-	5 U	5 U	-	5 U	5 U	5 U	-	-	-	2 U	5 U	5 U	-	-	2 U	-	-	-	-	0.7 U	5 U	5 U	5 U
	7/16/05	-	5 U	5 U	-	5 U	5 U	5 U	-	-	-	2 U	5 U	5 U	-	-	2 U	-	-	-	-	0.7 U	5 U	5 U	5 U
	11/12/05	-	5 U	5 U	-	5 U	5 U	5 U	-	-	-	2 U	5 U	5 U	-	-	2 U	-	-	-	-	0.7 U	5 U	5 U	5 U
	6/19/06	-	5.0 U	5.0 U	-	5.0 U	5.0 U	5.0 U	-	-	-	5.0 U	5.0 U	5.0 U	-	-	5.0 U	-	-	-	-	5.0 U	5.0 U	5.0 U	10 U
	11/14/06	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	6/18/07	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	11/26/07	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
	6/30/08	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
	6/8/09	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	7/12/10	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	7/14/11	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	7/11/12	-	5 UJ	5 UJ	5 UJ	5 UJ	2.1 J	5 UJ	5 UJ	10 UJ	5 UJ	5 UJ	5 UJ	5 UJ	-	5 UJ	5 UJ	10 UJ	10 UJ	10 UJ	10 UJ	5 UJ	5 UJ	5 UJ	5 UJ
	7/15/13	-	5 U	5 U	5 UJ	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	-	5 U	5 U	10 U	10 U	10 U	10 U	5 U	5 U	5 U	10 UJ
	9/15/14	-	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	-	5 U	5 U	10 U	10 U	10 U	10 U	5 U	5 U	5 U	10 U
	9/16/15	-	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	-	5 U	5 U	10 U	10 U	10 U	10 UJ	5 UJ	5 U	5 U	10 UJ
	9/29/16	-	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10U	5 U	5 U	5 U	5 U	-	5 U	5 U	10U	10U	10U	10U	5 U	5 U	5 U	10U
	11/28/17	-	2.5 U	0.5 U	2.5 U	1.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2 U	2.5 U	0.25 J	1 U	-	2.5 U	2.5 U	5 U	5 U	5 U	5 U	0.5 U	2.5 U	2 U	2.5 U
	11/28/2017 DUP	-	2.5 U	0.5 U	2.5 U	1.5 U	0.5 J	0.5 U	2.5 U	2.5 U	2 U	2.5 U	0.2 J	1 U	-	2.5 U	2.5 U	5 U	5 U	5 U	5 U	0.5 U	0.19 R	2 U	0.70 UJ
	10/23/2018	-	2.5 U	0.5 U	2.5 U	1.5 U	0.76 J	0.5 U	2.5 U	2.5 U	2 U	2.5 U	0.5 U	1 U	0.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U	0.5 U	0.5 U	2 U	2.5 U
	11/6/19	1.5 U	2.5 U	0.5 U	2.5 U	1.5 U	2.5 U	0.71 J	2.5 U	2.5 U	2.5 U	2.5 U	0.17 J	1 U	-	2.5 U	2.5 U	5 U	5 U	5 U	5 U	0.5 U	0.5 U	2 U	2.5 U
	11/6/19 DUP	1.5 U	2.5 U	0.5 U	2.5 U	1.5 U	0.72 J	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.16 J	1 U	-	2.5 U	2.5 U	5 U	5 U	5 U	5 U	0.5 U	0.5 U	2 U	2.5 U
	11/3/20	-	2.5 U	0.5 U	2.5 U	1.5 U	0.9 J	0.5 U	2.5 U	2.5 U	2 U	2.5 U	0.5 U	1 U	-	2.5 UJ	2.5 U	5 U	5 U	5 U	5 U	0.5 U	0.5 U	2 U	2.5 U
	11/3/20 DUP	-	2.5 U	0.5 U	2.5 U	1.5 U	0.87 J	0.5 U	2.5 U	2.5 U	2 U	2.5 U	0.5 U	1 U	-	2.5 U	2.5 U	5 U	5 U	5 U	5 U	0.5 U	0.5 U	2 U	2.5 U
	11/2/21	-	2.5 U	0.5 U	2.5 U	1.5 U	0.94 J	0.5 U	2.5 U	2.5 U	2 U	2.5 U	0.31 J	1 U	-	2.5 U	2.5 U	5 U	5 U	5 U	1.5 J	0.5 U	0.5 U	2 U	2.5 U
	11/2/2021 DUP	-	2.5 U	0.5 U	2.5 U	1.5 U	0.92 J	0.5 U	2.5 U	2.5 U	2 U	2.5 U	0.28 J	1 U	-	2.5 U	2.5 U	5 U	5 U	5 U	5 U	0.5 U	0.5 U	2 U	2.5 U
	9/14/22	-	0.7 U	0.17 U	0.7 U	0.5 U	1.2J	0.17 U	0.7 U	0.7 U	0.65 U	0.7 U	0.29J	0.14 U	-	0.7 U	0.7 U	1.9 U	1 U	1 U	1.5 U	0.16 U	0.19 U	0.65 U	0.7 U
	9/28/23	-	2.5 U	0.5 U	2.5 U	1.5 U	0.89 J	0.5 U	2.5 U	2.5 U	2 U	2.5 U	0.2 J	1 U	0.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U	0.5 U	0.5 U	2 U	2.5 U
MW-7D	12/12/95	-	2.7	-	-	-	3.3	-	-	-	-	-	1.1	-	-	-	-	-	-	-	-	-	-	-	-
	4/5/96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7/1/96	-	-	-	-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/15/96	-	1.4	-	-	-	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/2/97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/23/97	-	-	-	-	-	-	-	-	-	-	-	-	1.7	-	-	-	-	-	-	-	-	-	-	-
	4/30/98	-	-	-	-	-	-	-	-	-	-	-	1.3	-	-	-	-	-	-	-	-	-	-	-	-
	10/27/98	-	-	-	-	-	1.1	-	-	-	-	-	1.3	-	-	-	-	-	-	-	-	-	-	-	-
	5/3/99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/12/99	-	-	-	-	-	-	-	-	-	-	-	1.3	-	-	-	-	-	-	-	-	-	-	-	-
	5/11/00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/29/00	1 U	1 U	1 U	-	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	-	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	4/30/01	1 U	1 U	1 U	-	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	-	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	10/25/01	1 U	1 U	1 U	-	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	-	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	6/2/02	1 U	1 U	1 U	-	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	-	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	11/24/02	1 U	1 U	1 U	-	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	-	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	5/18/03	1 U	1 U	1 U	-	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	-	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	10/25/03	1 U	1 U	1 U	-	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	-	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	5/13/04	1 U	1 U	1 U	-	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	-	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	10/31/04	-	5 U	5 U	-	5 U	5 U	5 U	-	-	-	2 U	5 U	5 U	-	-	2 U	-	-	-	-	0.7 U	5 U	5 U	5 U
	7/16/05	-	5 U	5 U	-	5 U	5 U	5 U	-	-	-	2 U	5 U	5 U	-	-	2 U	-	-	-	-	0.7 U	5 U	5 U	5 U
	11/12/05	-	5 U	5 U	-	5 U	5 U	5 U	-	-	-	2 U	5 U	5 U	-	-	2 U	-	-	-	-	0.7 U	5 U	5 U	5 U
	6/19/06	-	5.0 U	5.0 U	-	5.0 U	5.0 U	5.0 U	-	-	-	5.0 U	5.0 U	5.0 U	-	-	5.0 U	-	-	-	-	5.0 U	5.0 U	5.0 U	10 U
	11/14/06	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	5 BJ	10 U	10 U	10 U	10 U
	6/18/07	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	11/26/07	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
	6/30/08	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
	6/8/09	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	7/12/10	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	7/14/11	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	7/11/12	-	5 UJ	5 UJ	5 UJ	5 UJ	2.1 J	5 UJ	5 UJ	10 UJ	5 UJ	5 UJ	5 UJ	5 UJ	-	5 UJ	5 UJ	10 UJ	10 UJ	10 UJ	10 UJ	5 UJ	5 UJ	5 UJ	5 UJ
	7/15/13	-	5 U	5 U	5 UJ	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	-	5 U	5 U	10 U	10 U	10 U	10 U	5 U	5 U	5 U	10 UJ
	9/15/14	-	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	-	5 U	5 U	10 U	10 U	10 U	10 U	5 U	5 U	5 U	10 U
	9/16/15	-	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	-	5 U	5 U	10 U	10 U	10 U	10 UJ	5 UJ	5 U	5 UJ	10 U
	9/29/16	-	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10U	5 U	5 U	5 U	5 U	-	5 U	5 U	10U	10U	10U	10U	5 U	5 U	5 U	10U
	11/28/17	-	0.76J	0.5 U	2.5 U	1.5 U	1.9J	0.5 U	2.5 U	2.5 U	2 U	2.5 U	1	1 U	-	2.5 U	2.5 U	5 U	5 U	5 U	5 U	0.5 U	0.5 U	2 U	2.5 U
	10/23/2018	-	0.73 J	0.5 U	2.5 U	1.5 U	1.5 J	0.5 U	2.5 U	2.5 U	2 U	2.5 U	0.82	1 U	0.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U	0.5 U	0.5 U	2 U	2.5 U
	11/6/19	1.5 U	0.85 J	0.5 U	2.5 U	1.5 U	1.6 J	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	1 U	-	2.5 U	2.5 U	5 U	5 U	5 U	5 U	0.5 U	0.5 U	2 U	2.5 U
	11/3/20	-	0.74 J	0.5 U	2.5 U	1.5 U	1.6 J	0.5 U	2.5 U	2.5 U	2 U	2.5 U	0.65	1 U	-	2.5 UJ	2.5 U	5 U	5 U	5 U	5 U	0.5 U	0.5 U	2 U	2.5 U
	11/2/21	-	0.92 J	0.5 U	2.5 U	1.5 U	2.2 J	0.19 J	2.5 U	2.5 U	2 U	2.5 U	1	1 U	-	2.5 U	2.5 U	5 U	5 U	5 U	5 U	0.5 U	0.5 U	2 U	2.5 U
	9/14/22	-	1.0 J	0.17 U	0.70 U	0.50 U	2.3 J	0.19 J	0.70 U	0.70 U	0.65 U	0.70 U	1	0.14 U	0.14 U	0.70 U	0.70 U	1.9 U	1 U	1 U	1.5 U	0.16 U	0.15 U	0.65 U	0.70 U
	9/28/23	-	2.5 U	0.5 U	2.5 U	1.5 U	1.2 J	0.5 U	2.5 U	2.5 U	2 U	2.5 U	0.48 J	1 U	0.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U	0.5 U	0.5 U	2 U	2.5 U

TABLE 3
LABORATORY ANALYSIS OF GROUNDWATER SAMPLES
VOLATILE ORGANIC COMPOUNDS (ug/L)
EDWARD ALLEN LANDFILL
CORNING, NEW YORK
Final

Data Are Reported in ug/L.

Well ID	Date	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Chlorobromomethane	cis-1,2-DCE	cis-1,3-DCP	Cyclohexane	Dibromochloromethane	Dichlorodifluoromethane	Ethylbenzene	Isopropylbenzene	m,p-Xylene	Methyl Acetate	Methyl Cyclohexane	MTBE	Methylene chloride
	NYS GA (ug/L)	60**	5*	5*	5*	7*	5*	5*	5*	0.4*		50**	5*	5*	5**	5*			10**	5*
MW-7S	12/12/95	-	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3/28/96	-	-	-	-	2.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7/1/96	-	-	-	-	2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/15/96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/2/97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/23/97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/30/98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/27/98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.2
	5/3/99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/11/99	-	-	-	-	4.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/10/00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/29/00	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	4/30/01	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	10/25/01	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	6/2/02	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	11/24/02	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	5/18/03	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	10/25/03	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	5/13/04	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	10/31/04	-	5 U	5 U	5 U	5 U	5 U	-	5 U	5 U	-	5 U	5 U	5 U	-	5 U	-	-	-	5 U
	7/16/05	-	5 U	5 U	5 U	5 U	5 U	-	5 U	5 U	-	5 U	5 U	5 U	-	5 U	-	-	-	5 U
	11/12/05	-	5 U	5 U	5 U	5 U	5 U	-	5 U	5 U	-	5 U	5 U	5 U	-	5 U	-	-	-	5 U
	6/19/06	-	5.0 U	5.0 U	10 U	5.0 U	10 U	-	5.0 U	5.0 U	-	5.0 U	10 U	5.0 U	-	5.0 U	-	-	-	5.0 U
	11/14/06	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	6/18/07	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	11/26/07	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	6/30/08	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	6/8/09	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	7/12/10	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	7/14/11	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**2.6 JB**
	7/11/12	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	-	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
	7/15/13	5 U	5 U	5 U	10 U	5 UJ	10 U	-	5 U	5 U	10 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	9/15/14	5 U	5 U	5 U	10 U	5 U	10 U	-	5 U	5 U	10 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	9/16/15	5 U	5 U	5 U	10 U	5 U	10 U	-	5 U	5 U	10 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	9/29/16	5 U	5 U	5 U	10U	5 U	10U	-	5 U	5 U	10U	5 U	10U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	11/28/17	5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	-	2.5 U	0.5 U	10U	0.5 U	5 U	2.5 U	2.5 U	2.5 U	2 U	10U	2.5 U	2.5 U
	11/28/2017 DUP	5 U	0.5 U	2.5 U	0.070 UJ	2.5 U	2.5 U	-	2.5 U	0.5 U	10U	0.5 U	5 U	2.5 U	2.5 U	2.5 U	2 U	10U	2.5 U	0.070 UJ
	10/23/2018	5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	10 U	0.5 U	5 U	2.5 U	2.5 U	2.5 U	2 U	10 U	2.5 U	2.5 U
	11/6/19	5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	-	2.5 U	0.5 U	10 U	0.5 U	5 U	2.5 U	2.5 U	2.5 U	2 U	10 U	2.5 U	2.5 U
	11/6/19 DUP	5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	-	2.5 U	0.5 U	10 U	0.5 U	5 U	2.5 U	2.5 U	2.5 U	2 U	10 U	2.5 U	2.5 U
	11/3/20	5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	10 U	0.5 U	5 U	2.5 U	2.5 U	2.5 U	2 U	10 U	2.5 U	2.5 U
	11/3/20 DUP	5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	10 U	0.5 U	5 U	2.5 U	2.5 U	2.5 U	2 U	10 U	2.5 U	2.5 U
	11/2/21	5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	10 U	0.5 U	5 U	2.5 U	2.5 U	2.5 U	2 U	10 U	2.5 U	2.5 U
	11/2/2021 DUP	5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	10 U	0.5 U	5 U	2.5 U	2.5 U	2.5 U	2 U	10 U	2.5 U	2.5 U
	9/14/22	1 U	0.13 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.14 U	0.27 U	0.15 U	1 U	0.7 U	0.7 U	0.7 U	0.23 U	0.4 U	0.7U	0.7U
	9/28/23	1 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	10 U	0.5 U	5 U	2.5 U	2.5 U	2.5 U	2 U	10 U	2.5 U	2.5 U
MW-7D	12/12/95	-	-	-	-	**6.9**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/5/96	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
	7/1/96	-	-	-	-	-	-	-	-	-	-	3.7	-	-	-	-	-	-	-	-
	10/15/96	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/2/97	-	-	-	-	-	-	-	-	-	-	4.3	-	-	-	-	-	-	-	-
	10/23/97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/30/98	-	-	-	-	-	-	-	-	-	-	1.6	-	-	-	-	-	-	-	-
	10/27/98	-	-	-	-	-	-	-	-	-	-	1.2	-	-	-	-	-	-	-	2.3
	5/3/99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/12/99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/11/00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/29/00	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	4/30/01	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	10/25/01	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	6/2/02	-	1 U	1 U	1 U	1	1 U	-	1 U	1 U	-	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	11/24/02	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	5/18/03	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	10/25/03	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	5/13/04	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	10/31/04	-	5 U	5 U	5 U	5 U	5 U	-	5 U	5 U	-	5 U	5 U	5 U	-	5 U	-	-	-	5 U
	7/16/05	-	5 U	5 U	5 U	5 U	5 U	-	5 U	5 U	-	5 U	5 U	5 U	-	5 U	-	-	-	5 U
	11/12/05	-	5 U	5 U	5 U	5 U	5 U	-	5 U	5 U	-	5 U	5 U	5 U	-	5 U	-	-	-	5 U
	6/19/06	-	5.0 U	5.0 U	10 U	5.0 U	10 U	-	5.0 U	5.0 U	-	5.0 U	10 U	5.0 U	-	5.0 U	-	-	-	5.0 U
	11/14/06	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	6/18/07	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	11/26/07	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	6/30/08	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	6/8/09	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	7/12/10	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	7/14/11	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**2.5 JB**
	7/11/12	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	-	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
	7/15/13	5 U	5 U	5 U	10 U	5 UJ	10 U	-	5 U	5 U	10 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	9/15/14	5 U	5 U	5 U	10 U	5 U	10 U	-	5 U	5 U	10 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	9/16/15	5 U	5 U	5 U	10 U	5 U	10 U	-	5 U	5 U	10 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	9/29/16	5 U	5 U	5 U	10U	5 U	10U	-	5 U	5 U	10U	5 U	10U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	11/28/17	5 U	0.5 U	2.5 U	2 J	2.5 U	2.5 U	-	2.9	0.5 U	10U	0.5 U	5 U	2.5 U	2.5 U	2.5 U	2 U	10U	2.5 U	2.5 U
	10/23/2018	5 U	0.5 U	2.5 U	1.3 J	2.5 U	2.5 U	2.5 U	1.7 J	0.5 U	10 U	0.5 U	5 U	2.5 U	2.5 U	2.5 U	2 U	10 U	2.5 U	2.5 U
	11/6/19	5 U	0.5 U	2.5 U	1 J	2.5 U	2.5 U	-	1.2 J	0.5 U	10 U	0.5 U	5 U	2.5 U	2.5 U	2.5 U	2 U	10 U	2.5 U	2.5 U
	11/3/20	5 U	0.5 U	2.5 U	2 J	2.5 U	2.5 U	2.5 U	1.6 J	0.5 U	10 U	0.5 U	5 U	2.5 U	2.5 U	2.5 U	2 U	10 U	2.5 U	2.5 U
	11/2/21	5 U	0.5 U	2.5 U	0.78 J	2.5 U	2.5 U	2.5 U	1.8 J	0.5 U	10 U	0.5 U	5 U	2.5 U	2.5 U	2.5 U	2 U	10 U	2.5 U	2.5 U
	9/14/22	1 U	0.13 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	1.8 J	0.14 U	0.27 U	0.15 U	1 U	0.70 U	0.70 U	0.70 U	0.23 U	0.40 U	0.70 U	0.70 U
	9/28/23	5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.71 J	0.5 U	10 U	0.5 U	5 U	2.5 U	2.5 U	2.5 U	2 U	10 U	2.5 U	2.5 U

TABLE 3
LABORATORY ANALYSIS OF GROUNDWATER SAMPLES
VOLATILE ORGANIC COMPOUNDS (ug/L)
EDWARD ALLEN LANDFILL
CORNING, NEW YORK
Final

Data Are Reported in ug/L.

Well ID	Date	o-Xylene	Styrene	PCE	Toluene	trans-1,2-DCE	trans-1,3-DCP	TCE	Trichlorofluoromethane	Vinyl chloride	Xylenes, Total	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	p-Isopropyltoluene	Naphthalene	n-Propylbenzene	1,2,3-Trichlorobenzene	1,3,5-Trimethylbenzene	1,4-Dioxane
	NYS GA (ug/L)	5*	5*	5*	5*	5*	0.4*	5*	5*	2*		5*	5*	5*	5*	10**	5*		5*	
MW-7S	12/12/95	-	-	-	-	-	-	**21**	-	-	-	-	-	-	-	-	-	-	-	-
	3/28/96	-	-	-	-	-	-	**16**	-	-	-	-	-	-	-	-	-	-	-	-
	7/1/96	-	-	-	-	-	-	**17**	-	-	-	-	-	-	-	-	-	-	-	-
	10/15/96	-	-	-	-	-	-	**7.3**	-	-	-	-	-	-	-	-	-	-	-	-
	4/2/97	-	-	-	-	-	-	**8.1**	-	-	-	-	-	-	-	-	-	-	-	-
	10/23/97	-	-	-	-	-	-	**12**	-	-	-	-	-	-	-	-	-	-	-	-
	4/30/98	-	-	-	-	-	-	1.1	-	-	-	-	-	-	-	-	-	-	-	-
	10/27/98	-	-	-	-	-	-	2.3	-	1.5	-	-	-	-	-	-	-	-	-	-
	5/3/99	-	-	-	-	-	-	**7.6**	-	-	-	-	-	-	-	-	-	-	-	-
	10/11/99	-	-	-	-	-	-	**23**	-	1.8	-	-	-	-	-	-	-	-	-	-
	5/10/00	-	-	-	-	-	-	**8**	-	-	-	-	-	-	-	-	-	-	-	-
	10/29/00	1 U	-	1 U	1 U	1 U	1 U	1 U	5	1 U	1 U	-	-	-	-	-	-	-	-	-
	4/30/01	1 U	-	1 U	1 U	1 U	1 U	1 U	3	1 U	1 U	-	-	-	-	-	-	-	-	-
	10/25/01	1 U	-	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	-	-	-	-	-	-	-
	6/2/02	1 U	-	1 U	1 U	1 U	1 U	1 U	5	1 U	1 U	-	-	-	-	-	-	-	-	-
	11/24/02	1 U	-	1 U	1 U	1 U	1 U	**6**	1 U	1 U	1 U	-	-	-	-	-	-	-	-	-
	5/18/03	1 U	-	1 U	1 U	1 U	1 U	1 U	5	1 U	1 U	-	-	-	-	-	-	-	-	-
	10/25/03	1 U	-	1 U	1 U	1 U	1 U	1 U	5	1 U	1 U	-	-	-	-	-	-	-	-	-
	5/13/04	1 U	-	1 U	1 U	1 U	1 U	1 U	3	1 U	1 U	-	-	-	-	-	-	-	-	-
	10/31/04	5 U	-	5 U	5 U	5 U	5 U	5 U	5	5 U	2 U	-	-	-	-	-	-	-	-	-
	7/16/05	5 U	-	5 U	5 U	5 U	5 U	5 U	5	5 U	2 U	-	-	-	-	-	-	-	-	-
	11/12/05	5 U	-	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 U	-	-	-	-	-	-	-	-	-
	6/19/06	5.0 U	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	-	-	-	-	-	-	-	-	-	-
	11/14/06	10 U	10 U	10 U	10 U	10 U	10 U	4 J	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	6/18/07	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	11/26/07	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	6/30/08	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	6/8/09	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	7/12/10	10 U	10 U	10 U	10 U	10 U	10 U	5 J	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	7/14/11	10 U	10 U	10 U	10 U	10 U	10 U	**5.9**	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	7/11/12	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	4.6 J	5 UJ	10 UJ	-	-	-	-	-	-	-	-	-	-
	7/15/13	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	-	-	-	-	-	-	-	-	-	-
	9/15/14	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	-	-	-	-	-	-	-	-	-	-
	9/16/15	5 U	5 U	5 U	5 U	5 U	5 U	3.8 J	5 U	10 U	-	-	-	-	-	-	-	-	-	-
	9/29/16	5 U	5 U	5 U	5 U	5 U	5 U	3.0 J	5 U	10U	-	-	-	-	-	-	-	-	-	-
	11/28/17	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	2.9	2.5 U	0.16J	2.5 U	2.5 U	2.5 U	-	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	250U
	11/28/2017 DUP	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	2.4	2.5 U	0.1 J	2.5 U	2.5 U	2.5 U	-	2.5 U	0.70 UJ	2.5 U	2.5 U	2.5 U	250U
	10/23/2018	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	2.5	2.5 U	0.11 J	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	250 UJ
	11/6/19	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	2.3	2.5 U	0.11 J	-	-	-	-	-	-	-	2.5 U	-	250 UJ
	11/6/19 DUP	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	2.2	2.5 U	1 U	-	-	-	-	-	-	-	2.5 U	-	250 UJ
	11/3/20	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	2.1	2.5 U	0.18 J	-	-	-	-	-	-	-	2.5 U	-	250 U
	11/3/20 DUP	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	2.3	2.5 U	0.22 J	-	-	-	-	-	-	-	2.5 U	-	250 U
	11/2/21	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	2.6	2.5 U	0.09 J	-	-	-	-	-	-	-	2.5 U	-	250 U
	11/2/2021 DUP	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	2.5	2.5 U	0.1 J	-	-	-	-	-	-	-	2.5 U	-	250 U
	9/14/22	0.7U	0.7U	0.18U	0.7U	0.7U	0.16U	0.18U	0.7U	0.17J	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	0.7U	61U
	9/28/23	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	2.4	2.5 U	0.10 J	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	250 U
MW-7D	12/12/95	-	-	-	-	-	-	**24**	-	-	-	-	-	-	-	-	-	-	-	-
	4/5/96	-	-	-	-	-	-	**11**	-	-	-	-	-	-	-	-	-	-	-	-
	7/1/96	-	-	-	-	-	-	**8.3**	-	-	-	-	-	-	-	-	-	-	-	-
	10/15/96	-	-	-	-	-	-	**12**	-	-	-	-	-	-	-	-	-	-	-	-
	4/2/97	-	-	-	-	-	-	**7.7**	-	-	-	-	-	-	-	-	-	-	-	-
	10/23/97	-	-	-	-	-	-	**8.3**	-	-	-	-	-	-	-	-	-	-	-	-
	4/30/98	-	-	-	-	-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-
	10/27/98	-	-	-	-	-	-	**6.3**	-	-	-	-	-	-	-	-	-	-	-	-
	5/3/99	-	-	-	-	-	-	**4.9**	-	-	-	-	-	-	-	-	-	-	-	-
	10/12/99	-	-	-	-	-	-	**8.5**	-	-	-	-	-	-	-	-	-	-	-	-
	5/11/00	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
	10/29/00	1 U	-	1 U	1 U	1 U	1 U	**7**	1 U	1 U	-	-	-	-	-	-	-	-	-	-
	4/30/01	1 U	-	1 U	1 U	1 U	1 U	**5**	1 U	1 U	-	-	-	-	-	-	-	-	-	-
	10/25/01	1 U	-	1 U	1 U	1 U	1 U	3	1 U	1 U	-	-	-	-	-	-	-	-	-	-
	6/2/02	1 U	-	1 U	1 U	1 U	1 U	**7**	1 U	1 U	-	-	-	-	-	-	-	-	-	-
	11/24/02	1 U	-	1 U	1 U	1 U	1 U	3	1 U	1 U	-	-	-	-	-	-	-	-	-	-
	5/18/03	1 U	-	1 U	1 U	1 U	1 U	2	1 U	1 U	-	-	-	-	-	-	-	-	-	-
	10/25/03	1 U	-	1 U	1 U	1 U	1 U	4	1 U	1 U	-	-	-	-	-	-	-	-	-	-
	5/13/04	1 U	-	1 U	1 U	1 U	1 U	4	1 U	1 U	-	-	-	-	-	-	-	-	-	-
	10/31/04	5 U	-	5 U	5 U	5 U	5 U	**7**	5 U	2 U	-	-	-	-	-	-	-	-	-	-
	7/16/05	5 U	-	5 U	5 U	5 U	5 U	**7**	5 U	2 U	-	-	-	-	-	-	-	-	-	-
	11/12/05	5 U	-	5 U	5 U	5 U	5 U	**7**	5 U	2 U	-	-	-	-	-	-	-	-	-	-
	6/19/06	5.0 U	-	5.0 U	5.0 U	5.0 U	5.0 U	**5.0**	5.0 U	10 U	-	-	-	-	-	-	-	-	-	-
	11/14/06	10 U	10 U	10 U	10 U	10 U	10 U	**11**	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	6/18/07	10 U	10 U	10 U	10 U	10 U	10 U	**8 J**	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	11/26/07	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	6/30/08	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	6/8/09	10 U	10 U	10 U	10 U	10 U	10 U	**19**	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	7/12/10	10 U	10 U	10 U	10 U	10 U	10 U	**14**	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	7/14/11	10 U	10 U	10 U	10 U	10 U	10 U	**19**	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	7/11/12	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	**14 J**	5 UJ	10 UJ	-	-	-	-	-	-	-	-	-	-
	7/15/13	5 U	5 U	5 U	5 U	5 U	5 U	**6.3**	5 U	10 U	-	-	-	-	-	-	-	-	-	-
	9/15/14	5 U	5 U	5 U	5 U	5 U	5 U	**6.6**	5 U	10 U	-	-	-	-	-	-	-	-	-	-
	9/16/15	5 U	5 U	5 U	5 UJ	5 U	5 U	**9.9**	5 U	10 U	-	-	-	-	-	-	-	-	-	-
	9/29/16	5 U	5 U	5 U	5 U	5 U	5 U	**5.1**	5 U	10U	-	-	-	-	-	-	-	-	-	-
	11/28/17	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	**12**	2.5 U	1.4	2.5 U	2.5 U	2.5 U	2.5 U	-	2.5 U	2.5 U	2.5 U	2.5 U	74 J
	10/23/2018	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	**9.9**	2.5 U	0.99 J	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	250 UJ
	11/6/19	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	**11**	2.5 U	0.87 J	-	-	-	-	-	-	-	2.5 U	-	250 UJ
	11/3/20	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	**9.8**	2.5 U	1.2	-	-	-	-	-	-	-	2.5 U	-	250 U
	11/2/21	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	**12**	2.5 U	0.88 J	-	-	-	-	-	-	-	2.5 U	-	250 U
	9/14/22	0.70 U	0.70 U	0.18 U	0.70 U	0.70 U	0.16 U	**13**	0.70 U	0.95 J	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	61 U
	9/28/23	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	**5.5**	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	250 U

TABLE 3
LABORATORY ANALYSIS OF GROUNDWATER SAMPLES
VOLATILE ORGANIC COMPOUNDS (ug/L)
EDWARD ALLEN LANDFILL
CORNING, NEW YORK
Final

Data Are Reported in ug/L.

Well ID	Date	1,1,1,2-TCA	1,1,1-TCA	1,1,2,2-TCA	Freon 113	1,1,2-TCA	1,1-DCA	1,1-DCE	1,2,4-TCB	DBCP	EDB	1,2-DCB	1,2-DCA	1,2-DCP	1,3-DCP	1,3-DCB	1,4-DCB	2-Butanone	2-Hexanone	4-Methyl-2-pentanone	Acetone	Benzene	Bromodichloromethane	Bromoform	Bromomethane
	NYS GA (ug/L)	5*	5*	5*	5*	1*	5*	5*	5*	0.04*	0.0006*	3*	5*	5*	1*	3*	3*	50**	50**		50**	1*	5*	50**	5*
MW-13S	12/12/95	-	1.2	-	-	-	-	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3/28/96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7/1/96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/15/96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/2/97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/23/97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/30/98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/26/98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/5/99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/11/99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/11/00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/29/00	1 U	1 U	1 U	-	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	-	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	4/30/01	1 U	1 U	1 U	-	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	-	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	10/25/01	1 U	1 U	1 U	-	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	-	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	6/2/02	1 U	1 U	1 U	-	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	-	1 U	-	-	-	-	0.8	1 U	1 U	1 U
	11/24/02	1 U	1 U	1 U	-	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	-	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	5/18/03	1 U	1 U	1 U	-	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	-	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	10/25/03	1 U	1 U	1 U	-	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	-	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	5/12/04	1 U	1 U	1 U	-	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	-	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	10/31/04	-	5 U	5 U	-	5 U	5 U	5 U	-	-	-	2 U	5 U	5 U	-	-	2 U	-	-	-	-	0.7 U	5 U	5 U	5 U
	7/16/05	-	5 U	5 U	-	5 U	5 U	5 U	-	-	-	2 U	5 U	5 U	-	-	2 U	-	-	-	-	0.7 U	5 U	5 U	5 U
	11/12/05	-	5 U	5 U	-	5 U	5 U	5 U	-	-	-	2 U	5 U	5 U	-	-	2 U	-	-	-	-	0.7 U	5 U	5 U	5 U
	6/19/06	-	5.0 U	5.0 U	-	5.0 U	5.0 U	5.0 U	-	-	-	5.0 U	5.0 U	5.0 U	-	-	5.0 U	-	-	-	-	5.0 U	5.0 U	5.0 U	10 U
	11/14/06	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U
	6/18/07	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	6/18/07 Dup	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	11/26/07	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	6/30/08	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
	6/30/08 Dup	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
	6/8/09	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	7/12/10	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	7/12/10 Dup	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	7/14/11	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	7/14/2011 DUP	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	**5.2 J**	10 U	10 U	10 U	10 U
	7/11/12	-	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	10 U	5 UJ	5 UJ	5 UJ	5 UJ	-	5 UJ	5 UJ	10 U	10 U	10 U	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
	7/11/12 DUP	-	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	10 UJ	5 UJ	5 UJ	5 UJ	5 UJ	-	5 UJ	5 UJ	10 UJ	10 UJ	10 UJ	10 UJ	5 UJ	5 UJ	5 UJ	5 UJ
	7/15/13	-	5 U	5 U	5 UJ	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	-	5 U	5 U	10 U	10 U	10 U	10 U	5 U	5 U	5 U	10 UJ
	7/15/13 DUP	-	5 U	5 U	5 UJ	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	-	5 U	5 U	10 U	10 U	10 U	10 U	5 U	5 U	5 U	10 UJ
	9/15/14	-	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	-	5 U	5 U	10 U	10 U	10 U	10 U	5 U	5 U	5 U	10 U
	9/15/14 DUP	-	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	-	5 U	5 U	10 U	10 U	10 U	10 U	5 U	5 U	5 U	10 U
	9/16/15	-	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	-	5 U	5 U	10 U	10 U	10 UJ	5 UJ	5 U	5 U	5 U	10 U
	9/16/15 DUP	-	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	-	5 U	5 U	10 U	10 U	10 UJ	5 UJ	5 U	5 U	5 UJ	10 U
	9/29/16	-	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	-	5 U	5 U	10 U	10 U	10 U	5 U	5 U	5 U	5 U	10 U
	9/29/16 DUP	-	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	-	5 U	5 U	10 U	10 U	10 U	5 U	5 U	5 U	5 U	10 U
	11/28/17	-	2.5 U	0.5 U	0.70 UJ	1.5 U	2.5	0.17 UJ	2.5 U	2.5 U	2 U	2.5 U	0.5 U	1 U	-	2.5 U	2.5 U	5 U	5 U	5 U	5 U	0.5 U	0.5 U	2 U	0.7 UJ
	10/23/2018	-	2.5 U	0.5 U	2.5 U	1.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2 U	2.5 U	0.5 U	1 U	0.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U	0.5 U	0.5 U	2 U	2.5 U
	10/23/2018 DUP	-	2.5 U	0.5 U	2.5 U	1.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2 U	2.5 U	0.5 U	1 U	0.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U	0.5 U	0.5 U	2 U	2.5 U
	11/6/19	1.5 U	2.5 U	0.5 U	2.5 U	1.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	1 U	-	2.5 U	2.5 U	5 U	5 U	5 U	5 U	0.5 U	0.5 U	2 U	2.5 U
	11/2/20	-	2.5 U	0.5 U	2.5 U	1.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2 U	2.5 U	0.5 U	1 U	-	2.5 U	2.5 U	5 U	5 U	5 U	5 U	0.5 U	0.5 U	2 U	2.5 U
	11/2/21	-	2.5 U	0.5 U	2.5 U	1.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2 U	2.5 U	0.5 U	1 U	-	2.5 U	2.5 U	5 U	5 U	5 U	5 U	0.5 U	0.5 U	2 U	2.5 U
	9/14/22	-	0.70 U	0.17 U	0.70 U	0.50 U	0.70 U	0.17 U	0.70 U	0.70 U	0.65 U	0.70 U	0.70 U	0.14U	0.70 U	0.70 U	0.70 U	1.9 U	1.0 U	1.0 U	1.5 U	0.16 U	0.19 U	0.65 U	0.70 U
	9/28/23	-	2.5 U	0.5 U	2.5 U	1.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2 U	2.5 U	0.5 U	1 U	0.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U	0.5 U	0.5 U	2 U	2.5 U
MW-13D	12/12/95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3/28/96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7/1/96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/15/96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/2/97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/23/97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/30/98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/27/98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/3/99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/12/99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/11/00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/29/00	1 U	1 U	1 U	-	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	-	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	4/30/01	1 U	1 U	1 U	-	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	-	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	10/25/01	1 U	1 U	1 U	-	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	-	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	6/2/02	1 U	1 U	1 U	-	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	-	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	11/24/02	1 U	1 U	1 U	-	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	-	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	5/18/03	1 U	1 U	1 U	-	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	-	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	10/25/03	1 U	1 U	1 U	-	1 U	1 U	**5**	-	-	-	1 U	1 U	1 U	-	-	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	5/12/04	1 U	1 U	1 U	-	1 U	1 U	1 U	-	-	-	1 U	1 U	1 U	-	-	1 U	-	-	-	-	0.7 U	1 U	1 U	1 U
	10/31/04	-	5 U	5 U	-	5 U	5 U	5 U	-	-	-	2 U	5 U	5 U	-	-	2 U	-	-	-	-	0.7 U	5 U	5 U	5 U
	7/16/05	-	5 U	5 U	-	5 U	5 U	5 U	-	-	-	2 U	5 U	5 U	-	-	2 U	-	-	-	-	0.7 U	5 U	5 U	5 U
	11/12/05	-	5 U	5 U	-	5 U	5 U	5 U	-	-	-	2 U	5 U	5 U	-	-	2 U	-	-	-	-	0.7 U	5 U	5 U	5 U
	6/19/06	-	5.0 U	5.0 U	-	5.0 U	5.0 U	5.0 U	-	-	-	5.0 U	5.0 U	5.0 U	-	-	5.0 U	-	-	-	-	5.0 U	5.0 U	5.0 U	10 U
	11/14/06	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U
	6/18/07	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	38 U	10 U	10 U	10 U	10 U	10 U
	11/26/07	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	30 U	10 U	10 U	10 U	10 U	10 U
	11/26/07 Dup	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
	6/30/08	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 UJ	10 U	**55**	10 U	10 U	10 U	10 U
	6/8/09	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	7/12/10	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	49 U	10 U	10 U	10 U	10 U
	7/14/11	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	35	10 U	10 U	10 U	10 U	10 U
	7/11/12	-	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	10 UJ	5 UJ	5 UJ	5 UJ	5 UJ	-	5 UJ	5 UJ	10 UJ	10 UJ	10 UJ	22 UJ	5 UJ	5 UJ	5 UJ	5 UJ
	7/15/13	-	5 U	5 U	5 UJ	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	-	5 U	5 U	10 U	10 U	10 U	11 U	5 U	5 U	5 U	10 UJ
	9/15/14	-	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	-	5 U	5 U	10 U	10 U	10 U	10 U	5 U	5 U	5 U	10 U
	9/16/15	-	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	-	5 U	5 U	10 U	10 U	10 UJ	5 UJ	5 U	5 U	5 UJ	10 U
	9/29/16	-	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10U	5 U	5 U	5 U	5 U	-	5 U	5 U	10U	10U	10U	10U	5 U	5 U	5 U	10U
	11/28/17	-	2.5 U	0.5 U	2.5 U	1.5	2.5 U	0.5 U	2.5 U	0.7 UJ	2 U	2.5 U	0.5 U	1 U	-	2.5 U	2.5 U	5 U	5 U	5 U	1.7 J	0.5 U	0.19 UR	2 U	0.70 UJ
	10/23/18	-	2.5 U	0.5 U	2.5 U	1.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2 U	2.5 U	0.5 U	1 U	0.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U	0.5 U	0.5 U	2 U	2.5 U
	11/6/19	1.5 U	2.5 U	0.5 U	2.5 U	1.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	1 U	-	2.5 U	2.5 U	5 U	5 U	5 U	5 U	0.5 U	0.5 U	2 U	2.5 U
	11/2/20	-	2.5 U	0.5 U	2.5 U	1.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2 U	2.5 U	0.5 U	1 U	-	2.5 U	2.5 U	5 U	5 U	5 U	19	0.5 U	0.5 U	2 U	2.5 U
	11/2/21	-	2.5 U	0.5 U	2.5 U	1.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2 U	2.5 U	0.5 U	1 U	-	2.5 U	2.5 U	5 U	5 U	5 U	9.8	0.5 U	0.5 U	2 U	2.5 U
	9/14/22	-	0.70 U	0.17 U	0.70 U	0.50 U	0.70 U	0.17 U	0.70 U	0.70 U	0.65 U	0.70 U	0.13 U	0.14 U	0.14 U	0.70 U	0.70 U	1.9 U	1.0 U	1.0 U	1.5 U	0.16 U	0.19 U	0.65 U	0.70 U
	9/28/23	-	2.5 U	0.5 U	2.5 U	1.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2 U	2.5 U	0.5 U	1 U	0.5 U	2.5 U	2.5 U	5 U	5 U	5 U	7.8	0.5 U	0.5 U	2 U	2.5 U

TABLE 3
LABORATORY ANALYSIS OF GROUNDWATER SAMPLES
VOLATILE ORGANIC COMPOUNDS (ug/L)
EDWARD ALLEN LANDFILL
CORNING, NEW YORK
Final

Data Are Reported in ug/L.

Well ID	Date	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Chlorobromomethane	cis-1,2-DCE	cis-1,3-DCP	Cyclohexane	Dibromochloromethane	Dichlorodifluoromethane	Ethylbenzene	Isopropylbenzene	m,p-Xylene	Methyl Acetate	Methyl Cyclohexane	MTBE	Methylene chloride
	NYS GA (ug/L)	60**	5*	5*	5*	7*	5*	5*	5*	0.4*		50**	5*	5*	5**	5*			10**	5*
MW-13S	12/12/95	-	-	-	-	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3/28/96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7/1/96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/15/96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/2/97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/23/97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/30/98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/26/98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/5/99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/11/99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/11/00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/29/00	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	4/30/01	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	10/25/01	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	6/2/02	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	11/24/02	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	5/18/03	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	10/25/03	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	5/12/04	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	10/31/04	-	5 U	5 U	5 U	5 U	5 U	-	5 U	5 U	-	5 U	5 U	5 U	-	5 U	-	-	-	5 U
	7/16/05	-	5 U	5 U	5 U	5 U	5 U	-	5 U	5 U	-	5 U	5 U	5 U	-	5 U	-	-	-	5 U
	11/12/05	-	5 U	5 U	5 U	5 U	5 U	-	5 U	5 U	-	5 U	5 U	5 U	-	5 U	-	-	-	5 U
	6/19/06	-	5.0 U	5.0 U	10 U	5.0 U	10 U	-	5.0 U	5.0 U	-	5.0 U	10 U	5.0 U	-	5.0 U	-	-	-	5.0 U
	11/14/06	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	6/18/07	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	6/18/07 Dup	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	11/26/07	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	6/30/08	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	6/30/08 Dup	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	6/8/09	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	6/8/08 Dup	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	7/12/10	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	7/12/10 Dup	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	7/14/11	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3.2 U
	7/14/2011 DUP	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	6.8 U
	7/11/12	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	-	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
	7/11/12 DUP	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	-	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
	7/15/13	5 U	5 U	5 U	10 U	5 UJ	10 U	-	5 U	5 U	10 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	7/15/13 DUP	5 U	5 U	5 U	10 U	5 UJ	10 U	-	5 U	5 U	10 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	9/15/14	5 U	5 U	5 U	10 U	5 U	10 U	-	5 U	5 U	10 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	9/15/14 DUP	5 U	5 U	5 U	10 U	5 U	10 U	-	5 U	5 U	10 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	9/16/15	5 U	5 U	5 U	10 U	5 U	10 U	-	5 U	5 U	10 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	9/16/15 DUP	5 U	5 U	5 U	10 U	5 U	10 U	-	5 U	5 U	10 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	9/29/16	5 U	5 U	5 U	10 U	5 U	10 U	-	5 U	5 U	10 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	9/29/16 DUP	5 U	5 U	5 U	10 U	5 U	10 U	-	5 U	5 U	10 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	11/28/17	1.0 UJ	0.13 UJ	2.5 U	2.5 U	2.5 U	2.5 U	-	2.5 U	0.5 U	10U	0.5 U	5 U	2.5 U	2.5 U	2.5 U	2 U	10U	2.5	2.5
	10/23/2018	5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	10 U	0.5 U	5 U	2.5 U	2.5 U	2.5 U	2 U	10 U	2.5 U	2.5 U
	10/23/2018 DUP	5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	10 U	0.5 U	5 U	2.5 U	2.5 U	2.5 U	2 U	10 U	2.5 U	2.5 U
	11/6/19	5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	-	2.5 U	0.5 U	10 U	0.5 U	5 U	2.5 U	2.5 U	2.5 U	2 U	10 U	2.5 U	2.5 U
	11/2/20	5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	10 U	0.5 U	5 U	2.5 U	2.5 U	2.5 U	2 U	10 U	2.5 U	2.5 U
	11/2/21	5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	10 U	0.5 U	5 U	2.5 U	2.5 U	2.5 U	2 U	10 U	2.5 U	2.5 U
	9/14/22	1.0 U	0.13 U	0.70 U	0.70 U	0.70 U	0.70 U	0.15 U	0.70 U	0.14 U	0.27 U	0.15 U	1.0 U	0.70 U	0.70 U	0.70 U	0.23 U	0.40 U	0.70 U	0.70 U
	9/28/23	5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	10 U	0.5 U	5 U	2.5 U	2.5 U	2 U	2 U	10 U	2.5 U	2.5 U
MW-13D	12/12/95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3/28/96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7/1/96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/15/96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/2/97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/23/97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/30/98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/27/98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.2
	5/3/99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/12/99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/11/00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/29/00	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	4/30/01	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	10/25/01	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	6/2/02	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	11/24/02	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	5/18/03	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	10/25/03	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	5/12/04	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	-	1 U	-	-	-	1 U
	10/31/04	-	5 U	5 U	5 U	5 U	5 U	-	5 U	5 U	-	5 U	5 U	5 U	-	5 U	-	-	-	5 U
	7/16/05	-	5 U	5 U	5 U	5 U	5 U	-	5 U	5 U	-	5 U	5 U	5 U	-	5 U	-	-	-	5 U
	11/12/05	-	5 U	5 U	5 U	5 U	5 U	-	5 U	5 U	-	5 U	5 U	5 U	-	5 U	-	-	-	5 U
	6/19/06	-	5.0 U	5.0 U	10 U	5.0 U	10 U	-	5.0 U	5.0 U	-	5.0 U	10 U	5.0 U	-	5.0 U	-	-	-	5.0 U
	11/14/06	10 U	10 U	10 U	10 U	10 U	10 U	-	Trend	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	6/18/07	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	11/26/07	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	11/26/07 Dup	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	6/30/08	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	6/8/09	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	7/12/10	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	7/14/11	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	6 U
	7/11/12	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	-	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
	7/15/13	5 U	5 U	5 U	10 U	5 UJ	10 U	-	5 U	5 U	10 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	9/15/14	5 U	5 U	5 U	10 U	5 U	10 U	-	5 U	5 U	10 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	9/16/15	5 U	5 U	5 U	10 U	5 U	10 U	-	5 U	5 U	10 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	9/29/16	5 U	5 U	5 U	10U	5 U	10U	-	5 U	5 U	10U	5 U	10U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	11/28/17	5 U	0.5 U	2.5 U	0.07 UJ	2.5 U	0.70 UJ	-	2.5 U	0.5 U	10U	0.5 U	5 U	2.5 U	2.5 U	2.5 U	2 U	10U	2.5 U	2.5 U
	10/23/18	5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	10 U	0.5 U	5 U	2.5 U	2.5 U	2.5 U	2 U	10 U	2.5 U	2.5 U
	11/6/19	5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	-	2.5 U	0.5 U	10 U	0.5 U	5 U	2.5 U	2.5 U	2.5 U	2 U	10 U	2.5 U	2.5 U
	11/2/20	5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	10 U	0.5 U	5 U	2.5 U	2.5 U	2.5 U	2 U	10 U	2.5 U	2.5 U
	11/2/21	5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	10 U	0.5 U	5 U	2.5 U	2.5 U	2.5 U	2 U	10 U	2.5 U	2.5 U
	9/14/22	1.0 U	0.13 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.14 U	0.27 U	0.15 U	1.0 U	0.70 U	0.70 U	0.70 U	0.23 U	0.40 U	0.70 U	0.70 U
	9/28/23	5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	10 U	0.5 U	5 U	2.5 U	2.5 U	2.5 U	2 U	10 U	2.5 U	2.5 U

TABLE 3
LABORATORY ANALYSIS OF GROUNDWATER SAMPLES
VOLATILE ORGANIC COMPOUNDS (ug/L)
EDWARD ALLEN LANDFILL
CORNING, NEW YORK
Final

Data Are Reported in ug/L.

Well ID	Date	o-Xylene	Styrene	PCE	Toluene	trans-1,2-DCE	trans-1,3-DCP	TCE	Trichlorofluoromethane	Vinyl chloride	Xylenes, Total	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	p-Isopropyltoluene	Naphthalene	n-Propylbenzene	1,2,3-Trichlorobenzene	1,3,5-Trimethylbenzene	1,4-Dioxane
	NYS GA (ug/L)	5*	5*	5*	5*	5*	0.4*	5*	5*	2*		5*	5*	5*	5*	10**	5*		5*	
MW-13S	12/12/95	-	-	-	-	-	-	**12**	-	-	-	-	-	-	-	-	-	-	-	-
	3/28/96	-	-	-	-	-	-	**-**	-	-	-	-	-	-	-	-	-	-	-	-
	7/1/96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/15/96	-	-	-	-	-	-	1.5	-	-	-	-	-	-	-	-	-	-	-	-
	4/2/97	-	-	-	-	-	-	**-**	-	-	-	-	-	-	-	-	-	-	-	-
	10/23/97	-	-	-	-	-	-	2.6	-	-	-	-	-	-	-	-	-	-	-	-
	4/30/98	-	-	-	-	-	-	**-**	-	-	-	-	-	-	-	-	-	-	-	-
	10/26/98	-	-	-	-	-	-	**6.3**	-	-	-	-	-	-	-	-	-	-	-	-
	5/5/99	-	-	-	-	-	-	**-**	-	-	-	-	-	-	-	-	-	-	-	-
	10/11/99	-	-	-	-	-	-	2.3	-	-	-	-	-	-	-	-	-	-	-	-
	5/11/00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/29/00	1 U	-	1 U	1 U	1 U	1 U	2	1 U	1 U	-	-	-	-	-	-	-	-	-	-
	4/30/01	1 U	-	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	-	-	-	-	-	-	-	-
	10/25/01	1 U	-	1 U	1 U	1 U	1 U	2	1 U	1 U	-	-	-	-	-	-	-	-	-	-
	6/2/02	1 U	-	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	-	-	-	-	-	-	-	-
	11/24/02	1 U	-	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	-	-	-	-	-	-	-	-
	5/18/03	1 U	-	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	-	-	-	-	-	-	-	-
	10/25/03	1 U	-	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	-	-	-	-	-	-	-	-
	5/12/04	1 U	-	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	-	-	-	-	-	-	-	-
	10/31/04	5 U	-	5 U	5 U	5 U	5 U	5 U	5 U	2 U	-	-	-	-	-	-	-	-	-	-
	7/16/05	5 U	-	5 U	5 U	5 U	5 U	5 U	5 U	2 U	-	-	-	-	-	-	-	-	-	-
	11/12/05	5 U	-	5 U	5 U	5 U	5 U	5 U	5 U	2 U	-	-	-	-	-	-	-	-	-	-
	6/19/06	5.0 U	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	-	-	-	-	-	-	-	-	-	-
	11/14/06	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	6/18/07	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	6/18/07 Dup	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	11/26/07	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	6/30/08	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	6/30/08 Dup	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	6/8/09	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	6/8/08 Dup	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	7/12/10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	7/12/10 Dup	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	7/14/11	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	7/14/2011 DUP	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	7/11/12	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	10 U	-	-	-	-	-	-	-	-	-	-
	7/11/12 DUP	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	10 UJ	-	-	-	-	-	-	-	-	-	-
	7/15/13	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	-	-	-	-	-	-	-	-	-	-
	7/15/13 DUP	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	-	-	-	-	-	-	-	-	-	-
	9/15/14	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	-	-	-	-	-	-	-	-	-	-
	9/15/14 DUP	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	-	-	-	-	-	-	-	-	-	-
	9/16/15	5 U	5 U	5 U	5 UJ	5 U	5 U	5 U	5 U	10 U	-	-	-	-	-	-	-	-	-	-
	9/16/15 DUP	5 U	5 U	5 U	5 UJ	5 U	5 U	5 U	5 U	10 U	-	-	-	-	-	-	-	-	-	-
	9/29/16	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	-	-	-	-	-	-	-	-	-	-
	9/29/16 DUP	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	-	-	-	-	-	-	-	-	-	-
	11/28/17	2.5 U	2.5 U	0.5 U	2.5	2.5 U	0.5 U	0.57	0.70 UJ	0.08J	2.5 U	2.5 U	2.5 U	-	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	61 UL
	10/23/2018	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.64	2.5 U	0.11 J	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	250 UJ
	10/23/2018 DUP	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.68	2.5 U	0.12 J	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	250 UJ
	11/6/19	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.29 J	2.5 U	1 U	-	-	-	-	-	-	-	2.5 U	-	61 UJ
	11/2/20	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.49 J	2.5 U	1 U	-	-	-	-	-	-	-	2.5 U	-	250 U
	11/2/21	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.25 J	2.5 U	1 U	-	-	-	-	-	-	-	2.5 U	-	250 U
	9/14/22	0.70 U	0.70 U	0.17 U	0.70 U	0.70 U	0.16 U	0.25 J	0.70 U	0.07 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	61 U
	9/28/23	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.22 J	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	250 U
MW-13D	12/12/95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3/28/96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7/1/96	-	-	-	-	-	-	1.4	-	-	-	-	-	-	-	-	-	-	-	-
	10/15/96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/2/97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/23/97	-	-	-	-	-	-	1.1	-	-	-	-	-	-	-	-	-	-	-	-
	4/30/98	-	-	-	-	-	-	**-**	-	-	-	-	-	-	-	-	-	-	-	-
	10/27/98	-	-	-	-	-	-	1.3	-	-	-	-	-	-	-	-	-	-	-	-
	5/3/99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/12/99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/11/00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/29/00	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	-	-	-	-	-	-	-	-
	4/30/01	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	-	-	-	-	-	-	-	-
	10/25/01	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	-	-	-	-	-	-	-	-
	6/2/02	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	-	-	-	-	-	-	-	-
	11/24/02	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	-	-	-	-	-	-	-	-
	5/18/03	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	-	-	-	-	-	-	-	-
	10/25/03	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	-	-	-	-	-	-	-	-
	5/12/04	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	-	-	-	-	-	-	-	-
	10/31/04	5 U		5 U	5 U	5 U	5 U	5 U	5 U	2 U	-	-	-	-	-	-	-	-	-	-
	7/16/05	5 U		5 U	5 U	5 U	5 U	5 U	5 U	2 U	-	-	-	-	-	-	-	-	-	-
	11/12/05	5 U		5 U	5 U	5 U	5 U	5 U	5 U	2 U	-	-	-	-	-	-	-	-	-	-
	6/19/06	5.0 U		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	-	-	-	-	-	-	-	-	-	-
	11/14/06	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	6/18/07	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	11/26/07	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	11/26/07 Dup	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	6/30/08	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	6/8/09	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	7/12/10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	7/14/11	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	-	-	-	-	-	-	-	-	-
	7/11/12	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	10 UJ	-	-	-	-	-	-	-	-	-	-
	7/15/13	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	-	-	-	-	-	-	-	-	-	-
	9/15/14	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	-	-	-	-	-	-	-	-	-	-
	9/16/15	5 U	5 U	5 U	5 UJ	5 U	5 U	5 U	5 U	10 U	-	-	-	-	-	-	-	-	-	-
	9/29/16	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10UJ	-	-	-	-	-	-	-	-	-	-
	11/28/17	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	0.7 UJ	2.5 U	2.5 U	2.5 U	-	2.5 U	0.7 UJ	2.5 U	2.5 U	2.5 U	250
	10/23/18	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	250 UJ
	11/6/19	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	1 U	-	-	-	-	-	-	-	2.5 U	-	250 UJ
	11/2/20	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	1 U	-	-	-	-	-	-	-	2.5 U	-	250 U
	11/2/21	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	1 U	-	-	-	-	-	-	-	2.5 U	-	250 U
	9/14/22	0.70 U	0.70 U	0.18 U	0.70 U	0.70 U	0.16 U	0.18 U	0.70 U	0.07 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	61 U
	9/28/23	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	250 U

Notes
Criteria and data reported in micrograms per liter (ug/L).
*NYS GA = standard value for groundwater considered a source of drinking water.
**NYS GA = guidance value for groundwater considered a source of drinking water.
U = Not detected above the reported sample quantitation limit.
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 solid-phase micro extraction-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
UJ = Not detected above the reported sample quantitation limit; quantitation limit is approximate.
Bold values indicate the analyte was detected above the applicable NYS GA
R - Result is rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria.

TABLE 4
LAB ANALYSIS OF RESIDENTIAL SAMPLES
TAL METALS (mg/L)
EDWARD ALLEN LANDFILL
CORNING, NEW YORK
Final

Data Are Reported in mg/L

Well ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
	NYS GA		**0.003***	**0.025***	**1.000***	0.003**	**0.005***		**0.050***		**0.200***	**0.300***	**0.025***	35**	**0.300***	**0.100***		**0.010***	**0.050***	**20***	0.0005**		2**	**0.0007***
Allen	12/13/95	0.200 U	0.060 U	0.010 U	0.91	0.005 U	0.005 U	47.9	0.010 U	0.050 U	0.043	**0.64**	0.003 U	11.4	**0.3**	0.040 U	5.00 U	0.005 U	0.010 U	**57.9**	0.010 U	0.050 U	0.050 U	0.0002 U
(2084 Bailey	3/28/96	0.200 U	0.060 U	0.010 U	**1.0**	0.005 U	0.005 U	48	0.010 U	0.050 U	0.04	**0.8**	0.0042	11.5	**0.3**	0.040 U	5.00 U	0.005 U	0.010 U	**62.4**	0.010 U	0.050 U	0.050 U	0.0002 U
Creek Rd)	7/2/96	0.200 U	0.060 U	0.010 U	**1.5**	0.005 U	0.005 U	37.9	0.010 U	0.050 U	0.043	**0.32**	0.0065	8.7	0.22	0.040 U	5.00 U	0.005 U	0.010 U	**92.5**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/16/96	0.200 U	0.060 U	0.010 U	0.61	0.005 U	0.005 U	54.3	0.010 U	0.050 U	0.025 U	**0.73**	0.003 U	12.3	**0.36**	0.040 U	5.00 U	0.005 U	0.010 U	**38**	0.010 U	0.050 U	0.050 U	0.0002 U
	4/9/97	0.200 U	0.060 U	0.010 U	0.84	0.005 U	0.005 U	50.5	0.010 U	0.050 U	0.025 U	**0.53**	0.003 U	10.8	**0.31**	0.040 U	5.00 U	0.005 U	0.010 U	**56.3**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/23/97	0.200 U	0.060 U	0.010 U	**1.0**	0.005 U	0.005 U	45.9	0.010 U	0.050 U	0.025 U	**1.9**	0.003 U	9.8	**0.32**	0.040 U	5.00 U	0.005 U	0.010 U	**66.6**	0.010 U	0.050 U	0.050 U	0.0002 U
	4/30/98	0.200 U	0.060 U	0.010 U	**1.5**	0.005 U	0.005 U	40.4	0.010 U	0.050 U	0.025 U	**0.3**	0.003 U	8.6	0.22	0.040 U	5.00 U	0.005 U	0.010 U	**101**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/27/98	0.200 U	0.060 U	0.010 U	0.63	0.005 U	0.005 U	52	0.010 U	0.050 U	0.025 U	0.65	0.003 U	U	0.015 U	0.040 U	5.00 U	0.005 U	0.010 U	**38.3**	0.010 U	0.050 U	0.050 U	0.0002 U
	5/3/99	0.200 U	0.060 U	0.010 U	**1.2**	0.005 U	0.005 U	50.7	0.010 U	0.050 U	0.025 U	**0.84**	0.003 U	11.1	**0.32**	0.040 U	5.00 U	0.005 U	0.010 U	**67.9**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/12/99	0.200 U	0.060 U	0.010 U	0.57	0.005 U	0.005 U	52.6	0.010 U	0.050 U	0.025 U	**0.63**	0.003 U	11.9	**0.34**	0.040 U	5.00 U	0.005 U	0.010 U	**34.6**	0.010 U	0.050 U	0.050 U	0.0002 U
	5/10/00	0.200 U	0.060 U	0.010 U	0.614	0.005 U	0.005 U	50.6	0.010 U	0.050 U	0.032	**1.08**	0.003 U	11.7	**0.348**	0.040 U	1.68	0.005 U	0.010 U	**37.9**	0.010 U	0.050 U	0.026	0.0002 U
	10/29/00	0.200 U	0.060 U	0.010 U	**1.22**	0.005 U	0.005 U	-	0.010 U	0.050 U	**0.284**	**0.307**	0.012	9.49	0.015 U	0.040 U	2.05	0.005 U	0.010 U	**78.2**	0.010 U	0.050 U	0.050 U	0.0002 U
	5/1/01	0.200 U	0.060 U	0.010 U	0.996	0.005 U	0.005 U	-	0.010 U	0.050 U	**0.748**	**0.79**	0.012	10.2	0.015 U	0.040 U	2.08	0.005 U	0.010 U	**62.6**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/25/01	0.075 U	0.050 U	0.005 U	0.551	0.002 U	0.005 U	-	0.010 U	0.010 U	0.017	**0.592**	0.003 U	10.9	0.015 U	0.012 U	1.43	0.005 U	0.010 U	**34.2**	0.001 U	0.010 U	0.025 U	0.0002 U
	6/2/02	0.075 U	0.050 U	0.001 U	**1.26**	0.002 U	0.001 U	37.3	0.002 U	0.010 U	0.078	**0.319**	0.003 U	8.25	0.205	0.012 U	1.96	0.001 U	0.001 U	**80.8**	0.001 U	0.010 U	0.020 U	0.0002 U
	11/24/02	0.075 U	0.001 U	0.003	0.614	0.002 U	0.005 U	51.2	0.010 U	0.010 U	**0.265**	**0.852**	**0.031**	11.7	**0.334**	0.012 U	1.76	0.001 U	0.010 U	**36.4**	0.001 U	0.010 U	0.049	0.0002 U
	5/18/03	0.075 U	0.050 U	0.001 U	0.737	0.002 U	0.001 U	46.4	0.002 U	0.010 U	0.07	**1.04**	0.002	10.5	0.297	0.012 U	1.63	0.001 U	0.001 U	**44.3**	0.001 U	0.010 U	0.022	0.0002 U
	10/25/03	0.075 U	0.001 U	0.001 U	0.016 U	0.002 U	0.001 U	0.5 U	0.002 U	0.001 U	0.017 U	0.055	0.001 U	0.5 U	0.005 U	0.001 U	0.5 U	0.001 U	0.001 U	**134**	0.001 U	0.001 U	0.020 U	0.0002 U
	5/14/04	0.100 U	0.050 U	0.001 U	**1.57**	0.002 U	0.001 U	55.8	0.003	0.010 U	0.018	**0.791**	0.002	11.9	**0.307**	0.012 U	3.63	0.001 U	0.010 U	**97.7**	0.001 U	0.010 U	0.021	0.0002 U
	10/31/04	0.075 U	0.050 U	0.001 U	0.811	0.0020 U	0.0010 U	51.7	0.002 U	0.010 U	0.017 U	0.0722	0.0028	11.7	**0.326**	0.012 U	2.68	0.001 U	0.010 U	**48.7**	0.001 U	0.010 U	0.119	0.0002 U
	7/16/05	0.075 U	0.001 U	0.001 U	0.016 U	0.002 U	0.001 U	0.500 U	0.002 U	0.010 U	0.017 U	0.040 U	0.001 U	0.500 U	0.005 U	0.012 U	0.833	0.001 U	0.010 U	**139**	0.001 U	0.010 U	0.020 U	0.0002 U
	11/12/05	0.075 U	0.050 U	0.005 U	**1.33**	0.002 U	0.001 U	40	0.010 U	0.010 U	0.043	**0.766**	0.0016	8.97	0.254	0.012 U	3.73	0.005 U	0.010 U	**89.8**	0.001 U	0.010 U	0.085	0.0002 U
	6/19/06	0.100 U	0.060 U	0.050 U	0.919	0.005 U	0.005 U	47.7	0.005 U	0.091	0.005 U	**0.923**	0.005 U	10.2	**0.308**	0.020 U	2.11	0.005 U	0.010 U	**33.4**	0.010 U	0.020 U	0.020	0.0002 U
	11/14/06	0.019 U	0.027 U	0.004 U	**1.1**	0.0003 U	0.002 U	42.8	0.004 U	0.11	0.024 J	**0.494**	0.002 U	9.16	0.256	0.001 U	2.68 J	0.004 U	0.004 U	**44.6**	0.003 U	0.006 U	0.015 J	0.00006 U
	5/4/07	0.100 U	0.006 U	0.005 U	**1.49**	0.004 U	0.005 U	52.4	0.005 U	0.050 U	0.006	**0.358**	0.001	9.4	0.257	0.020 U	3.27	0.002 U	0.010 U	**75.9**	0.002 U	0.020 U	0.016	0.0002 U
	11/26/07	0.0119 U	0.0003 U	0.0024 U	**1.42**	0.00048 J	0.0005 U	42 J	0.0027 U	0.0009 U	0.0046 J	**0.702 J**	0.0007 U	9.63	0.222	0.0009 U	2.99	0.0002 U	0.0018 U	**73.3**	0.0004 U	0.0046 U	0.0122 U	0.00006 U
	6/30/08	0.100 U	0.0008 U	0.0050 U	0.600	0.0004	0.0010 U	52.5	0.0050 U	0.0500 U	0.0050 U	**0.632**	0.001 U	10.8	**0.35**	0.0200 U	1.79	0.002 U	0.0100 U	**33**	0.0007 U	0.0200 U	0.0100 U	0.0002 U
	6/8/09	0.0141 U	0.0003 U	0.0022 U	**1.32**	0.0003 J	0.0003 U	46.2	0.0052 U	0.0005 U	0.0025 U	**0.46**	0.0007 U	10.1	0.256	0.0007 U	2.93 J	0.0004 U	0.0019 J	**77.3 J**	0.0003 U	0.0086 U	0.0119 J	0.0002 U
	7/12/10	0.0222 UJ	0.0005 U	0.0015 U	0.998	0.00035 J	0.00016 U	44.8	0.0047 U	0.00043 U	0.0024 J	**0.471**	0.0001 U	9.36	0.27	0.00056 U	2.28 J	0.0005 J	0.0028 U	**50.7 J**	0.0006 U	0.0049 U	0.0116 U	0.00007 U
	7/14/11	0.0081 U	0.0005 U	0.00024 U	0.780	0.00021 U	0.00014 U	55.9	0.0047 U	0.00043 U	0.0025 U	**0.754**	0.0001 U	11.9	**0.341**	0.00056 U	2.34 J	0.0002 U	0.0035 U	**61.9**	0.0006 U	0.0194 J	0.0073 J	0.00006 UJ
	7/10/12	0.100 U	0.0008 U	0.0005 U	**1.26**	0.0006	0.0010 U	38.6	0.0050 U	0.0500 U	0.0050 U	**0.312**	0.001 U	8.0	0.200	0.0050 U	2.60	0.002 U	0.0100 U	**72.1**	0.0007 U	0.0200 U	0.0122	0.0002 U
	7/17/13	0.0061 U	0.0006 U	0.00082 J	**1.06**	0.0026 J	0.00015 U	48.1	0.0027 U	0.00073 U	0.0041 J	**0.611**	0.0007 U	10.4	0.285	0.00046 U	2.68 J	0.0001 U	0.0027 R	**82 J**	0.0004 U	0.0109 U	0.0041 J	0.00015 U
	9/16/14	0.0157 U	0.0013 J	0.00029 U	**1.33**	0.00022 U	0.00041 U	40.2	0.0028 U	0.00098 J	0.0027 U	0.258 J	0.0008 U	9.14	0.215	0.00036 U	2.91 J	0.0038 J	0.0003 UJ	**93.1**	0.0003 U	0.0042 U	0.024	0.00004 U
	8/26/15	0.0022 U	0.0005 U	0.0015 J	0.68	0.00041 U	0.00044 U	58.2	0.0099 U	0.00075 J	0.0031 J	**1.26 J**	0.0003 UJ	13	**0.371**	0.00080 U	2.07 J	0.0003 U	0.00025 U	**37.5**	0.0007 U	0.0051 U	0.010 J	0.00005 U
	9/8/16	0.0016 U	0.0007 B	0.0012 B	**1.09**	0.00012 U	0.00037 U	47.7	0.0069 U	0.0012 B	0.0005 B	**0.28**	0.0002 U	9.33	0.235	0.00040 U	3.24 B	0.0006 U	**0.0039 U**	**129**	0.0007 U	0.0042 U	0.0057 B	0.00003 U
	6/27/17	0.2 U	0.0004 U	0.0007	**1.13**	0.00034 J	0.005 U	48	0.01 U	0.05 U	0.00351 J	**0.925**	0.002	11	0.268	0.04 U	2.61 J	0.001 U	0.001 U	**52.9**	0.0003 U	0.05 U	0.00419 J	0.0002 U
	10/24/18	0.01 U	0.000444 J	0.00077	**1.229**	0.0005 U	0.0002 U	42.3	0.001 U	0.0005 U	0.00616	**0.321 J**	0.00068 J	9.2	0.2463	0.002 U	1.98	0.005 U	0.0004 U	**83.8**	0.00056	0.005 U	0.00643 J	0.0002 U
	11/5/19	0.01 U	0.004 U	0.00068	**1.001**	0.0005 U	0.0002 U	44.7	0.001 U	0.0005 U	0.00055 J	**0.509**	0.001 U	9.93	0.2605	0.002 U	1.87	0.005 U	0.0004 U	**61.2**	0.0005 U	0.005 U	0.00720 J	0.0002 U
	11/6/20	0.1 U	**0.009 J**	0.005 U	0.97	0.005 U	0.005 U	45.2	0.01 U	0.02 U	0.181	**0.462**	0.007 J	10.1	0.279	0.006 J	2.11 J	0.01 U	0.007 U	**65.2**	0.02 U	0.01 U	0.133	0.0002 U
	11/5/21	0.01 U	0.00046 J	0.00059	**1.284**	0.0005 U	0.0002 U	43.4	0.001 U	0.0005 U	0.00525	0.292	0.00111	9.48	0.2357	0.002 U	2.1	0.005 U	0.0004 U	**90.3**	0.002 U	0.005 U	0.07879	0.0002 U
	9/12/22	0.032 U	0.0004 U	0.0016	0.7536	0.0001 U	0.0001 U	51.6	0.0002 J	0.002 U	0.0004 J	**0.507**	0.0003 UJ	11.2	**0.314**	0.0006 U	1.87 J	0.0017 U	0.0002 U	**46.5**	0.0001 U	0.0016 U	0.0099 J	0.0001 J
	9/29/23	0.100 U	0.004 U	0.001 U	0.8724	0.001 U	0.0002 U	39.9	0.001 U	0.020 U	0.0116	**0.396**	0.0013	10.4	**0.237**	0.0008 J	1.90 J	0.005 U	0.0004 U	**57.2**	0.001 U	0.0026 J	0.1954	0.0002 J

TABLE 4
LAB ANALYSIS OF RESIDENTIAL SAMPLES
TAL METALS (mg/L)
EDWARD ALLEN LANDFILL
CORNING, NEW YORK
Final

Data Are Reported in mg/L

Well ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
	NYS GA		**0.003***	**0.025***	**1.000***	0.003**	**0.005***		**0.050***		**0.200***	**0.300***	**0.025***	35**	**0.300***	**0.100***		**0.010***	**0.050***	**20***	0.0005**		2**	**0.0007***
Horrigan/	5/3/99	0.200 U	0.060 U	0.010 U	**1.2**	0.005 U	0.005 U	20	0.010 U	0.050 U	0.025 U	**0.41**	0.003 U	5.00 U	**0.32**	0.040 U	5.00 U	0.005 U	0.010 U	**160**	0.010 U	0.050 U	0.050 U	0.0002 U
Subroto	10/12/99	0.200 U	0.060 U	0.010 U	**1**	0.005 U	0.005 U	16.8	0.010 U	0.050 U	0.025 U	0.12	0.003 U	5.00 U	0.037	0.040 U	5.00 U	0.005 U	0.010 U	**155**	0.010 U	0.050 U	0.050 U	0.0002 U
(2094 Bailey	5/10/00	0.200 U	0.060 U	0.010 U	**1.07**	0.005 U	0.005 U	16.4	0.010 U	0.050 U	0.025 U	**0.342**	0.002	5.00 U	0.037	0.040 U	2.37	0.005 U	0.010 U	**153**	0.010 U	0.050 U	0.050 U	0.0002 U
Creek Rd)	10/29/00	0.200 U	0.060 U	0.010 U	**1.14**	0.005 U	0.005 U	-	0.010 U	0.050 U	0.025 U	0.139	0.004	3.84	-	0.040 U	2.45	0.005 U	0.010 U	**151**	0.010 U	0.050 U	0.050 U	0.0002 U
	5/1/01	0.200 U	0.060 U	0.010 U	**1.48**	0.005 U	0.005 U	-	0.010 U	0.050 U	0.025 U	**0.326**	0.001	4.75	-	0.040 U	3.25	0.005 U	0.010 U	**184**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/25/01	0.075	**0.05**	0.005	**1.01**	0.002	0.005	-	0.01	0.01	0.017	0.128	0.002	3.4	-	0.012	2.22	0.006	0.01	**147**	0.001	0.01	0.052	0.0002 U
	6/2/02	0.075	**0.05**	0.001	**1.51**	0.002	0.001	23.4	0.002	0.01	0.017	0.189	0.001	4.89	0.05	0.012	2.71	0.001	0.001	**178**	0.001	0.01	0.02	0.0002 U
	6/2/02 Dup	0.200 U	0.060 U	0.010 U	-	0.005 U	0.005 U	-	0.010 U	0.050 U	0.025 U	-	0.003 U	-	-	0.040 U	-	-	0.010 U	-	0.010 U	0.050 U	0.050 U	0.0002 U
	11/24/02	0.075	0.001	0.001	**1.35**	0.002	0.005	21	0.01	0.01	0.017	0.144	0.001	4.5	0.046	0.012	3	0.001	0.01	**179**	0.001	0.01	0.02	0.0002 U
	11/24/02 Dup	0.200 U	0.060 U	0.010 U	-	0.005 U	0.005 U	-	0.010 U	0.050 U	0.025 U	-	0.003 U	-	-	0.040 U	-	0.005 U	0.010 U	-	0.010 U	0.050 U	0.050 U	0.0002 U
	5/10/00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/29/00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/1/01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/25/01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	6/2/02	0.075 U	0.05 U	0.001 U	**1.51**	0.002 U	0.001 U	23.4	0.002 U	0.01 U	0.017 U	**0.189**	0.001 U	4.89	0.05 U	0.012 U	2.71	0.001 U	0.001 U	**178**	0.001 U	0.01 U	0.02 U	0.0002 U
	11/24/02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/18/03	0.078	**0.05**	0.001	**1.9**	0.002	0.001	30	0.002	0.01	0.017	0.219	0.001	6.31	0.064	0.012	2.99	0.001	0.001	**184**	0.001	0.01	0.02	0.0002 U
	10/25/03	0.075 U	0.001 U	0.001 U	**1.98**	0.002 U	0.001 U	30.4	0.002 U	0.001 U	0.017 U	0.254	0.001	6.38	0.065	0.001 U	3.09	0.002	0.001 U	**190**	0.001 U	0.001 U	0.027	0.0002 U
	5/14/04	0.1 U	0.050 U	0.001 U	**6.09**	0.002 U	0.001 U	91	0.003	0.010 U	0.017 U	**0.528**	0.001 U	18.8	0.179	0.012 U	6.73	0.003	0.010 U	**350**	0.001 U	0.010 U	0.013	0.0002 U
	10/31/04	0.103	0.05 U	0.0012	**3.6**	0.0020 U	0.0010 U	54.2	0.0020 U	0.010 U	0.017 U	**0.344**	0.0010 U	11.5	0.111	0.012 U	4.28	0.0035	0.010 U	**240**	0.0010 U	0.010 U	0.020 U	0.0002 U
	7/16/05	0.075 U	0.0010 U	0.0010 U	**4.54**	0.0020 U	0.0010 U	65.5	0.0020 U	0.010 U	0.017 U	**0.47**	0.0010 U	14	0.123	0.012 U	5.49	0.0038	0.010 U	**309**	0.0010 U	0.010 U	0.020 U	0.0002 U
	11/12/05	0.103	0.05 U	0.0012	**3.6**	0.0020 U	0.0010 U	54.2	0.0020 U	0.010 U	0.017 U	**0.344**	0.0010 U	11.5	0.111	0.012 U	4.28	0.0035	0.010 U	**240**	0.0010 U	0.010 U	0.020 U	0.0002 U
	6/19/06	0.100 U	**0.087**	0.050 U	**3.59**	0.005 U	0.005 U	47.7	0.005 U	0.358	0.03	0.248	0.005 U	9.26	0.091	0.020 U	6.44	0.005 U	0.010 U	**208**	0.010 U	0.020 U	0.016	0.0002 U
	11/14/06	0.0262 J	0.0268 U	0.0037 U	**3.18**	0.00044 J	0.0015 U	44.9	0.0037 U	0.318	0.003 J	0.256	0.0024 U	9.31	0.0861	0.0013 U	7.52	0.004 U	0.0036 U	**200**	0.0034 U	0.0063 U	0.0022 U	0.0001 U
	5/4/07	0.100 U	0.006 U	0.005 U	**4.63**	0.004 U	0.005 U	81.2	0.005 U	0.050 U	0.006	**0.418**	0.001 U	14.8	0.142	0.020 U	9.04	0.002 U	0.010 U	**257**	0.002 U	0.020 U	0.010	0.0002 U
	11/26/07	0.0052 U	0.0003 U	0.0024 U	**2.19**	0.00057 J	0.0005 U	30.2 J	0.0027 U	0.0009 U	0.0044 J	**0.617 J**	0.0007 U	6.57	0.056	0.0012 J	5.45	0.0002 U	0.0018 U	**174**	0.0004 U	0.0042 U	0.0067 J	0.00006 U
	6/30/08	0.100 U	0.0008 U	0.0050 U	**3.07**	0.0003 U	0.0010 U	44.9	0.0050 U	0.0500 U	0.0050 U	0.233	0.001 U	8.62	0.0856	0.0200 U	6.48	0.002 U	0.0100 U	**277**	0.0007 U	0.0200 U	0.0100 U	0.0002 U
	6/8/09	0.0141 U	0.0003 U	0.0022 U	**3.9**	0.0006 J	0.0003 U	55.7	0.0052 U	0.0005 U	0.0027 J	**0.343**	0.0003 U	12	0.105	0.0007 U	8.37 J	0.0004 U	0.0033 J	**300 J**	0.0003 U	0.0086 U	0.0057 J	0.0002 U
	7/12/10	0.0100 UJ	0.0005 U	0.0015 U	**2.43**	0.00059 J	0.00013 U	32.6	0.0047 U	0.00043 U	0.0068 J	0.19 U	0.0001 U	6.6	0.0621	0.0006 J	5.49 J	0.0002 U	0.0028 U	**183 J**	0.0006 U	0.0049 U	0.0105 U	0.00007 U
	7/14/11	0.0081 U	0.0005 U	0.00024 U	**3.12**	0.00028 U	0.00013 U	47.1	0.0047 U	0.00043 U	0.0025 U	0.224	0.0001 U	9.24	0.0824	0.00056 U	7.07 J	0.0002 U	0.0028 U	**329**	0.0006 U	0.0112 J	0.00032 J	0.00006 UJ
	7/10/12	0.100 U	0.0008 U	0.0005 U	**2.53**	0.0008	0.0010 U	36.6	0.0050 U	0.0500 U	0.0050 U	0.184	0.0010 U	7.03	0.0639	0.0050 U	5.43	0.002 U	0.0100 U	**232**	0.0007 U	0.0200 U	0.0100 U	0.0002 U
	7/17/13	0.0061 U	0.0006 U	0.00033 J	**2.41**	0.00054 J	0.00015 U	34.8	0.0027 U	0.00073 U	0.0081 J	0.12	0.0007 U	7.01	0.0625	0.00046 U	6.13 J	0.0001 U	0.0027 R	**213 J**	0.0004 U	0.0109 U	0.00025 J	0.00015 U
	9/16/14	0.0157 U	0.0008 J	0.00029 U	**1.7**	0.00022 U	0.00041 U	25.4	0.0028 U	0.00075 J	0.0027 U	0.134 J	0.0008 U	5.49	0.0464	0.00036 U	5.07 J	0.0003 U	0.0026 J	**230**	0.0003 U	0.0042 U	0.0078 J	0.00004 U
	8/26/15	0.022 U	0.0005 U	0.00027 U	**1.71**	0.00041 U	0.00044 U	24.4	0.0099 U	0.00058 J	0.0024 J	0.198 J	0.0006 J	5.46 J	0.0438	0.0008 U	5.25	0.0003 U	0.0025 U	**223**	0.0007 U	0.0051 U	0.0017 J	0.00005 U
	9/8/16	0.016 U	0.0006 B	0.0005 B	**1.48**	0.00012 U	0.00037 U	26.2	0.0069 U	0.0001 U	0.0134 B	0.111	0.0004 B	5.16	0.0428	0.00040 U	5.39	0.0006 U	0.0039 U	**297**	0.0007 U	0.0042 U	0.0066 B	0.00003 U
	6/27/17	0.2 U	0.0004 U	0.0004 J	**2.05**	0.000055 J	0.0005 U	30.3	0.01 U	0.05 U	0.00261 J	0.129	0.001 U	6.6	0.051	0.04 U	5.66	0.001 U	0.01 U	**210**	0.0003 U	0.05 U	0.00198 J	0.0002 U
	10/24/18	0.01 U	0.004 U	0.005 U	**1.705**	0.0005 U	0.00006 J	21.3	0.001 U	0.0005 U	0.00353	0.126 J	0.001 U	4.33	0.04266	0.002 U	2.6	0.005 U	0.0004 U	**198**	0.00034 J	0.005 U	0.01132	0.0002 U
	11/5/19	0.01 U	0.00053 J	0.0005 U	**1.689**	0.0005 U	0.0002 U	24.7	0.001 U	0.0005 U	0.00131	0.18	0.001 U	4.54	0.04777	0.002 U	2.94	0.005	0.0004 U	**211**	0.00020 J	0.005 U	0.00479 J	0.0002 U
	11/6/20	0.1 U	**0.025 J**	0.005 U	**1.65**	0.005 U	0.005 U	23.2	0.01 U	0.02 U	0.005 J	0.107	0.01 U	4.69	0.045	0.025 U	3.49	0.01 U	0.007 U	**222**	0.02 U	0.01 U	0.009 J	0.0002 U
	11/5/21	0.01 U	0.00068 J	0.0005 U	**1.663**	0.0005 U	0.0002 U	21.3	0.001 U	0.0005 U	0.00841	0.11	0.00039 J	4.66	0.04263	0.0029	2.7	0.005 U	0.0004 U	**206**	0.002 U	0.005 U	0.05565	0.0002 U
	10/25/22	0.0318 U	0.0004 U	0.0009 J	**2.562**	0.0001 U	0.0001 U	30.2	0.0006 J	0.0017 U	0.0053	0.166	0.0003 U	6.05	0.0526	0.0006 U	2.69	0.0027 J	0.0002 U	**225**	0.0001 U	0.0016 U	0.0058 J	0.0001 U
	9/29/23	0.100 U	0.004 U	0.001 U	**2.731**	0.001 U	0.0002 U	37.5	0.001 U	0.020 U	0.0056	0.191	0.0004 J	9.31	0.0711	0.0008 J	3.74	0.0048 J	0.0004 U	**225**	0.001 U	0.0030 J	0.0085	0.0002 U

TABLE 4
LAB ANALYSIS OF RESIDENTIAL SAMPLES
TAL METALS (mg/L)
EDWARD ALLEN LANDFILL
CORNING, NEW YORK
Final

Data Are Reported in mg/L

Well ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
	NYS GA		**0.003***	**0.025***	**1.000***	0.003**	**0.005***		**0.050***		**0.200***	**0.300***	**0.025***	35**	**0.300***	**0.100***		**0.010***	**0.050***	**20***	0.0005**		2**	**0.0007***
Peckham	12/12/95	0.200 U	0.060 U	0.010 U	**1.2**	0.005 U	0.005 U	47.5	0.010 U	0.050 U	0.025 U	0.100 U	0.003 U	10.4	0.14	0.040 U	5.00 U	0.005 U	0.010 U	**35.5**	0.010 U	0.050 U	0.050 U	0.0002 U
(2047 Bailey	4/1/96	0.200 U	0.060 U	0.010 U	**1**	0.005 U	0.005 U	44.2	0.010 U	0.050 U	0.025 U	0.100 U	0.003 U	9.7	0.11	0.040 U	5.00 U	0.005 U	0.010 U	**30.9**	0.010 U	0.050 U	0.050 U	0.0002 U
Creek Rd)	7/2/96	0.200 U	0.060 U	0.010 U	**1**	0.005 U	0.005 U	46.2	0.010 U	0.050 U	0.025 U	0.13	0.003 U	9.5	0.13	0.040 U	5.00 U	0.005 U	0.010 U	**29**	0.010 U	0.050 U	0.050 U	0.0002 U
(formerly	10/17/96	0.200 U	0.060 U	0.010 U	**1.2**	0.005 U	0.005 U	50.2	0.010 U	0.050 U	0.025 U	0.12	0.003 U	10.2	0.16	0.040 U	5.00 U	0.005 U	0.010 U	**36.9**	0.010 U	0.050 U	0.050 U	0.0002 U
Rarrick &	4/28/97	0.200 U	0.060 U	0.010 U	**1.1**	0.005 U	0.005 U	43	0.010 U	0.050 U	0.025 U	0.15	0.003 U	8.7	0.12	0.040 U	5.00 U	0.005 U	0.010 U	**25.5**	0.010 U	0.050 U	0.050 U	0.0002 U
Cobern/	10/23/97	0.200 U	0.060 U	0.010 U	**1.3**	0.005 U	0.005 U	50	0.010 U	0.050 U	0.025 U	0.14	0.003 U	9.6	0.15	0.040 U	5.00 U	0.005 U	0.010 U	**36.3**	0.010 U	0.050 U	0.050 U	0.0002 U
Williams)	4/30/98	0.200 U	0.060 U	0.010 U	**1.2**	0.005 U	0.005 U	49.5	0.010 U	0.050 U	0.025 U	0.15	0.003 U	9.5	0.16	0.040 U	5.00 U	0.005 U	0.010 U	**36.3**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/27/98	0.200 U	0.060 U	0.010 U	1.4	0.005 U	0.005 U	53.5	0.010 U	0.050 U	0.025 U	0.23	0.003 U	10.2	0.16	0.040 U	5.00 U	0.005 U	0.010 U	38.8	0.010 U	0.050 U	0.050 U	0.0002 U
	5/3/99	0.200 U	0.060 U	0.010 U	**1.7**	0.005 U	0.005 U	54	0.010 U	0.050 U	0.025 U	**0.38**	0.003 U	10.7	0.25	0.040 U	5.00 U	0.005 U	0.010 U	**42**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/11/99	0.200 U	0.060 U	0.010 U	0.53	0.005 U	0.005 U	54.7	0.010 U	0.050 U	0.025 U	0.100 U	0.003 U	10.7	0.031	0.040 U	5.00 U	0.005 U	0.010 U	**24.2**	0.010 U	0.050 U	0.050 U	0.0002 U
	5/10/00	0.200 U	0.060 U	0.010 U	**2.1**	0.005 U	0.005 U	47.3	0.010 U	0.050 U	0.025 U	0.281	0.002	10.1	**0.322**	0.040 U	2.21	0.005 U	0.010 U	**59.1**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/29/00	0.200 U	0.060 U	0.010 U	**1.09**	0.005 U	0.005 U	-	0.010 U	0.050 U	0.025 U	0.056	0.003 U	10.1	-	0.040 U	1.97	0.005 U	0.010 U	**29.9**	0.010 U	0.050 U	0.050 U	0.0002 U
	4/30/01	0.200 U	0.060 U	0.010 U	**1.53**	0.005 U	0.005 U	-	0.010 U	0.050 U	0.025 U	0.153	0.001	9.69	-	0.040 U	2.07	0.005 U	0.010 U	**39.2**	0.010 U	0.050 U	0.050 U	0.0002 U
	10/25/01	0.075 U	0.05 U	0.005	0.349	0.002 U	0.005 U	-	0.01 U	0.01 U	0.017 U	0.103	0.005 U	9.49	-	0.012 U	1.86	0.005 U	0.01 U	18.4	0.001 U	0.01 U	0.055	0.0002 U
	6/2/02	0.075 U	0.05 U	0.001	0.016 U	0.002 U	0.001 U	0.5 U	0.002 U	0.01 U	0.017 U	0.04 U	0.001 U	0.5 U	0.008	0.012 U	0.5 U	0.001 U	0.001 U	**104**	0.001 U	0.01 U	0.02 U	0.0002 U
	11/24/02	0.075 U	0.001 U	0.001 U	0.016 U	0.002 U	0.005 U	0.5 U	0.01 U	0.01 U	0.046	0.048	0.001 U	0.5 U	0.005 U	0.012 U	0.633	0.001 U	0.01 U	**98**	0.001 U	0.01 U	0.032	0.0002 U
	5/18/03	0.075 U	0.05 U	0.001 U	0.016 U	0.002 U	0.001 U	0.5 U	0.002 U	0.01 U	0.017 U	0.04 U	0.001 U	0.5 U	0.011	0.012 U	0.5 U	0.001 U	0.001 U	**82.4**	0.001 U	0.01 U	0.02 U	0.0002 U
	10/25/03	0.075 U	0.001 U	0.002	0.016 U	0.002 U	0.001 U	0.636	0.002 U	0.001 U	0.017 U	0.092	0.001 U	0.5 U	0.016	0.001 U	0.5 U	0.001 U	0.001 U	**102**	0.001 U	0.001 U	0.02 U	0.0002 U
	5/14/04	0.326	0.050 U	0.002	0.016 U	0.002 U	0.001 U	0.500 U	0.002	0.010 U	0.017 U	0.15	0.001 U	0.500 U	0.006	0.012 U	0.944	0.001 U	0.010 U	**102**	0.001 U	0.010 U	0.010 U	0.0002 U
	10/31/04	0.075 U	0.05 U	0.0019	0.016 U	0.0020 U	0.0010 U	0.500 U	0.0020 U	0.010 U	0.017 U	0.0400 U	0.0016	0.500 U	0.0050 U	0.012 U	1.27	0.0010 U	0.010 U	**107**	0.0010 U	0.010 U	0.020 U	0.0002 U
	7/16/05	0.075 U	0.0010 U	0.0010 U	0.016 U	0.0020 U	0.0010 U	0.500 U	0.0020 U	0.010 U	0.017 U	0.0400 U	0.001 U	0.500 U	0.0050 U	0.012 U	1.03	0.0010 U	0.010 U	**101**	0.0010 U	0.010 U	0.020 U	0.0002 U
	11/12/05	0.075 U	0.050 U	0.0013	0.016 U	0.0020 U	0.0010 U	0.500 U	0.0020 U	0.010 U	0.065	0.0827	0.0019	0.500 U	0.0050 U	0.012 U	1.79	0.0010 U	0.010 U	**106**	0.0010 U	0.010 U	0.06	0.0002 U
	6/19/06	0.100	0.060 U	0.050 U	0.010 U	0.005 U	0.005 U	0.065 U	0.005	0.050 U	0.022 U	0.097	0.005	0.050 U	0.020 U	0.020 U	0.249 U	0.005 U	0.010 U	**93.1**	0.010 U	0.020 U	0.037	0.0002 U
	11/14/06	0.0083 U	**0.0606**[Y]	0.0037 U	0.0138 U	0.00017 J	0.0015 U	0.0152 J	0.0037 U	0.0024 U	0.0111 J	0.0113 U	0.002 U	0.0179 U	0.0075 U	0.0013 U	0.251 J	0.004 U	0.0036 U	**93.9**	0.0034 U	0.0064 U	0.0207	0.00006 U
	5/4/07	0.100 U	0.006 U	0.005 U	0.525	0.004 U	0.005 U	43.9	0.005 U	0.050 U	0.031	0.050 U	0.003	10.5	0.200	0.020 U	3.21	0.002 U	0.010 U	**35.3**	0.002 U	0.020 U	0.049	0.0002 U
	11/26/07	0.0052 U	0.0003 U	0.0024 U	0.939	0.0003 U	0.0005 U	52.7 J	0.0027 U	0.0009 U	0.0166 J	**0.59 J**	**0.0368**	11.8	0.0025 J	0.0015 J	3.22 J	0.0002 U	0.0018 U	17 J	0.0004 U	0.0042 U	0.0295	0.00006 U
	2/14/08a	-	-	-	-	-	-	-	-	-	-	-	0.005 U	-	-	-	-	-	-	-	-	-	-	-
	2/14/08b	-	-	-	-	-	-	-	-	-	-	-	0.001 U	-	-	-	-	-	-	-	-	-	-	-
	6/30/08	0.100 U	0.0008 U	0.0050 U	0.0165	0.0003 U	0.0010 U	0.644	0.0050 U	0.0500 U	0.0056	0.0500 U	0.001 U	0.218	0.0100 U	0.0200 U	2.18	0.002 U	0.0100 U	**123**	0.0007 U	0.0200 U	0.0196	0.0002 U
	6/8/09	0.0141 U	0.0003 U	0.0022 U	0.0103 J	0.0002 U	0.0003 U	0.277 J	0.0052 U	0.0005 U	0.0183 J	0.0227 J	0.0046	0.085 J	0.005 J	0.0007 U	1.7 J	0.0004 U	0.0014 U	**130 J**	0.0003 U	0.0086 U	0.0155 J	0.0002 U
	7/12/10	0.0174 UJ	0.0005 U	0.0015 U	0.002 J	0.00014 U	0.00013 U	0.021 U	0.0047 U	0.00043 U	0.0072 J	0.0247 U	0.0001 U	0.0131 U	0.0016 U	0.00056 U	1.23 J	0.0002 U	0.0028 U	**116 J**	0.0006 U	0.0049 U	0.0076 U	0.00007 U
	7/14/11	0.0081 U	0.0005 U	0.0002 U	0.44	0.00014 U	0.00048 U	48.8	0.0047 U	0.00043 U	0.0099 J	0.00011 U	0.0001 U	12.1	**0.401**	0.00056 U	3.36 J	0.0007 U	0.0028 U	**66.8**	0.0006 U	0.0183 J	0.0089 J	0.00006 UJ
	7/10/12	0.100 U	0.0008 U	0.0005 U	0.0910	0.0003 U	0.0010 U	7.28	0.0050 U	0.0500 U	0.0056	0.0500 U	0.0010 U	2.43	0.0683	0.0050 U	1.83	0.002 U	0.0100 U	**115**	0.0007 U	0.0200 U	0.0107	0.0002 U
	7/17/13	0.0061 U	0.0006 U	0.00056 J	0.496	0.00013 J	0.00015 U	37.7	0.00027 U	0.00073 U	0.0058 J	0.024 J	0.0007 U	15.6	0.179	0.0008 J	2.9 J	0.0001 U	0.00027 R	**38 J**	0.0004 U	0.0109 U	0.0039 J	0.00015 U
	9/16/14	0.0157 U	0.0026	0.00064 J	0.745	0.00022 U	0.00041 U	65.1	0.0028 U	0.0012 J	0.0329	0.013 J	0.0026	13.2	0.101	0.00036 U	2.97 J	0.0003 U	0.0039 J	**34.7**	0.0003 U	0.0042 U	0.0188 J	0.00004 U
	8/26/15	0.022 U	0.0005 U	0.001 J	0.685	0.00041 U	0.00044 U	72.9	0.0099 U	0.00080 J	0.0024 U	0.0134 J	0.0006 J	12.9	0.192	0.0008 U	8.53 J	0.0003 U	0.0025 U	**54.7**	0.0007 U	0.0051 U	0.0247 J	0.00005 U
	9/8/16	0.0166 U	0.0005 U	0.0015 J	**1.11**	0.00012 U	0.00037 U	67.6	0.0069 U	0.0015 J	0.0017 U	0.15	0.0002 U	11.9	0.17	0.00040 U	3.07 J	0.0006 U	0.0039 U	**47.2**	0.0007 U	0.0042 U	0.0153 J	0.00003 U
	6/27/17	0.2 U	0.0004 U	0.0022	**1.02**	0.00033 J	0.005 U	58.8	0.01 U	0.05 U	0.00430 J	0.292	0.0005 J	11.8	0.277	0.04 U	2.56 J	0.001 U	0.01 U	**46.4**	0.0003 U	0.05 U	0.00711 J	0.0002 U
	10/24/18	0.00463 J	0.00081 J	0.00289	0.0052	0.00012 J	0.00020 U	0.0884 J	0.001 U	0.005 U	0.001	0.102 J	0.001 U	0.07 U	0.00145	0.002 U	0.111	0.00176 J	0.00109	**145**	0.00194	0.005 U	0.01 U	0.0002 U
	11/15/19	0.00566 J	0.004 U	0.00081	0.0029	0.0005 U	0.0002 U	0.109	0.001 U	0.0005 U	0.00269	0.0266 J	0.001 U	0.07 U	0.00069 J	0.002 U	0.115	0.005 U	0.0004 U	**149**	0.0005 U	0.005 U	0.00742 J	0.0002 U
	11/6/20	0.036 J	0.05 U	0.005 U	0.01 U	0.005 U	0.005 U	0.093 J	0.01 U	0.02 U	0.006 J	0.05 U	0.01 U	0.019 J	0.01 U	0.025 U	2.5 U	0.01 U	0.007 U	**132**	0.02 U	0.01 U	0.005 J	0.0002 U
	11/5/21	0.01 U	0.004 U	0.00133	**1.199**	0.0005 U	0.0002 U	61.6	0.001 U	0.0005 U	0.00197	0.172	0.001 U	12.2	0.2235	0.002 U	2.01	0.005 U	0.0004 U	**50.7**	0.002 U	0.005 U	0.01044	0.0002 U
	9/14/22	0.038 J	0.0007 J	0.0012	**2.005**	0.0001 U	0.0001 U	73.9	0.0006 J	0.002 U	0.0103	0.021 J	0.0003 U	13.1	0.158	0.0007 J	1.98 J	0.0017 U	0.0002 U	**71.9**	0.0001 U	0.0016 U	0.0398	0.0001 J
	9/29/23	0.100 U	0.004 U	0.0006 J	0.0061	0.001 U	0.0002 U	0.109	0.001 U	0.020 U	0.0046	0.156 J	0.001 U	0.0252 J	0.010 U	0.002 U	2.5 U	0.005 U	0.0004 U	**114**	0.001 U	0.0019 J	0.0061	0.0002 U

2/14/08a = confirmation sampling to confirm 26 Nov 2007 Lead detection; sample analyzed by EPA Method E200.7 (Inductively Coupled Plasma)
2/14/08b = confirmation sampling to confirm 26 Nov 2007 Lead detection; sample analyzed by EPA Method E200.9 (Graphite Furnace Atomic Absorption)
[Y] = Result is believed to be a false positive based on laboratory quality control issues, sample matrix effects and laboratory methodology issues.

*NYS GA = standard value for groundwater considered a source of drinking water.
**NYS GA = guidance value for groundwater considered a source of drinking water.
mg/L = milligram per liter.
U = Not detected above the reported sample quantitation limit.
J = Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
UJ = Not detected above the reported sample quantitation limit; quantitation limit is approximate.
BOLD values indicate the analyte was detected above the applicable NYS GA.
R - Result is rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria.

TABLE 5
Historical Water Collection System Volumes (Gallons)
Edward Allen Landfill
Corning, New York
Final

Calendar Year														
Year / Month	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Annual	Month AVG.
2012	147,209	87,663	119,798	50,230	128,880	66,816	18,070	69,640	49,502	77,786	105,923	87,655	1,009,172	84,098
2013	137,718	91,781	86,753	125,441	68,183	55,514	103,018	69,453	32,217	76,713	56,539	84,611	987,941	82,328
2014	133,756	68,564	71,143	149,690	128,020	70,647	61,189	87,902	86,958	48,939	58,716	86,636	1,052,160	87,680
2015	80,429	65,447	80,749	134,962	78,509	108,307	126,000	68,500	79,800	81,900	127,300	106,100	1,138,003	94,834
2016	139,700	105,400	126,700	137,500	100,800	96,900	65,300	37,800	5,500	22,000	55,000	62,370	954,970	79,581
2017	82,813	112,312	76,216	112,600	86,554	26,520	16,723	11,712	11,204	15,817	55,111	26,925	634,506	52,875
2018	58,357	42,837	66,396	94,529	87,226	27,723	84,382	104,518	122,590	142,850	108,389	123,314	1,063,111	88,593
2019	109,724	68,700	54,796	114,248	111,406	43,554	39,207	48,625	24,739	49,469	70,158	121,133	855,759	71,313
2020	98,633	93,557	106,961	118,852	101,846	32,233	22,486	13,212	6,188	30,436	23,347	74,593	722,343	60,195
2021	83,211	49,207	125,986	89,871	106,623	46,667	87,316	109,678	104,914	82,068	96,689	49,135	1,031,367	85,947
2022	62,500*	75,500*	143,000*	91,000*	65,000*	30,645	31,000*	22,411	40,484	39,000	40,540	89,620*	730,700	60,892
2023	110,400	72,000	146,595	70,800	64,563	59,290	23,821	90,544	100,046	45,140	65,128	134,688	983,015	81,918

Notes:
Volume units are in gallons
*Volumes are estimations base on field pumping records

TABLE 6

2022 Monthly Water Collection System Volumes (Gallons) and Precipitation

Edward Allen Landfill

Corning, New York

Final

Month (2023)	Seepage Collection Volume (gallons)	Total Precipitation (in.)
January	110,400	2.35
February	72,000	0.85
March	146,595	1.72
April	70,800	1.98
May	64,563	1.05
June	59,290	3.50
July	23,821	6.91
August	90,544	7.89
September	100,046	2.06
October	45,140	2.59
November	65,128	1.36
December	134,688	4.50
Total:	983,015	36.76

Notes:

*volumes are estimates based on leachate disposal records

Monthly precipitation data are from the onsite weather station.

APPENDIX

A

Inspection Reports, Landfill Gas Vent Air Monitoring, and Manhole Inspection Forms

B2101342.026.03.LBR

January 23, 2023

Closed Edward Allen Landfill - Site Code: 851001
January 2023 - Monthly Inspection Report

On Monday January 23, 2023, Will Dolan and Josh Hamelin from WSP USA Inc. (WSP) conducted the monthly inspection for the closed Edward Allen Landfill New York State Department of Environmental Conservation (NYSDEC) Site Code: 851001. Following the Job Safety Analysis, WSP conducted an inspection of the following: site security, control systems, leachate vaults, leachate load out system, leachate control trenches, landfill gas vents, site Environmental and Safety (E&S) features, and groundwater monitoring wells. Photographs were taken and are attached to the end of this report.

Site Security: The front gate and perimeter gates were closed and the locks were present. The perimeter fence had no new issues observed. The culvert drain was flowing moderately from snow melt. The access road was cleared of snow and ice. No additional issues were observed.

Control System: The control system panel indicated that the tank 1 water level was at 106 inches and the tank 2 water level was at 75 inches. Heavy rain and snow melt contributed to the high levels observed. Dickson was onsite when WSP was departing site. Both alarms were observed to be working as high alarm and high-high alarm indicators were displayed on the control system panel for water level in tank's 1 and 2. The fire extinguisher and first aid kit were present.

Leachate Vaults: The upper vault was observed to be in good condition and approximately 6 inches of water in the sump. The lower vault was observed to be in good condition and that the vault was dry, no other issues were observed.

Leachate Load Out System: The leachate load out system tank connectors were present. The load out hoses were left disconnected from the load out system. Air vents were clear and unobstructed. The secondary containment cart was present onsite. Disposal records were present and current.

Leachate Control Trenches: High to low leachate flow observed in leachate control manholes MH-3 to MH-6. Sediment was present in MH-3 and MH-05, with a slight sheen observed in MH-04. The manhole covers for MH-5 to MH-2 were replaced at the end of December.

Landfill Gas Vents: No new issues observed. Some of the LGVs were bent with paint chipping/light rust. These issues were mentioned in past reports and will be addressed in the spring/summer months.

Site E&S Features: A mixture of ice and water were observed in the stormwater trench. Random scat, animal tracks, and 3-6 inches of snow was present on the landfill cover.

Groundwater Monitoring Wells: Observed wells were found to be in good condition.

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PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
1	1/23/2023

MH-3

Photo No.	**Date**
2	1/23/2023

MH-4

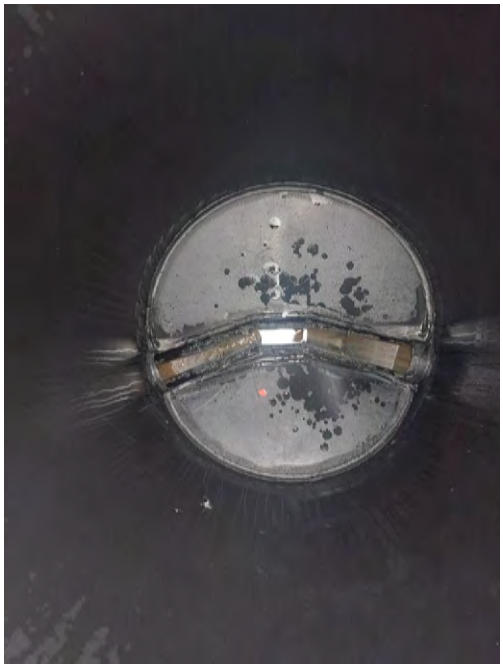
PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
3	1/23/2023

MH-5

Photo No.	**Date**
4	1/23/2023

MH-6



PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
5	1/23/2023

Electric Meter

Photo No.	**Date**
6	1/23/2023

Vault 1

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
7	1/23/2023

Vault 2

Photo No.	**Date**
8	1/23/2023

Culvert Pipe

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
9	1/23/2023

Loadout point

B2101342.026.03.LBR

February 20, 2023

Closed Edward Allen Landfill - Site Code: 851001
February 2023 - Monthly Inspection Report

On Monday February 20, 2023, Will Dolan and Josh Hamelin from WSP USA Inc. (WSP) conducted the monthly inspection for the closed Edward Allen Landfill, New York State Department of Environmental Conservation (NYSDEC) Site Code: 851001. Following the Job Safety Analysis, WSP conducted an inspection of the following: site security, control systems, leachate vaults, leachate load out system, leachate control trenches, landfill gas vents, site Environmental and Safety (E&S) features, and groundwater monitoring wells. Photographs were taken and are attached to the end of this report.

Site Security: The front gate and perimeter gates were closed and the locks were present. The perimeter fence had no new issues observed. The culvert drain was flowing moderately. The access road was cleared of obstructions. No additional issues were observed.

Control System: The control system panel indicated that the tank 1 water level was at 76 inches and the tank 2 water level was at 9 inches. Both alarms were observed to be working as the high alarm indicator was displayed on the control system panel for water level in tank's 1 and 2. The fire extinguisher and first aid kit were present.

Leachate Vaults: The upper vault was observed to be in good condition and approximately 6 inches of water in the sump. The lower vault was observed to be in good condition and that the vault was dry. The lower vault's cover latch was observed to be bent, the vault door opened and closed with little interference. no other issues were observed.

Leachate Load Out System: The leachate load out system tank connectors were present. The load out hoses were left disconnected from the load out system. Air vents were clear and unobstructed. The secondary containment cart was present onsite. Disposal records were present and current.

Leachate Control Trenches: High to no leachate flow observed in leachate control manholes MH-3 to MH-6. Sediment was present in MH-3, with a slight sheen observed in MH-03. The manhole covers for MH-5 to MH-2 were replaced at the end of December and are working as intended.

Landfill Gas Vents: No new issues observed. Some of the LGVs were bent with paint chipping/light corrosion. These issues were mentioned in past reports and will be addressed in the spring/summer months.

Site E&S Features: A mixture of ice and water were observed in the stormwater trench. Random scat, animal tracks, and minor disturb areas of soil from animals (dug out depressions) were approximately 3 inches in depth.

Groundwater Monitoring Wells: Observed wells were found to be in good condition.

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PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
1	2/20/2023

MH-3

Photo No.	**Date**
2	2/20/2023

MH-4

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
3	2/20/2023

MH-5

Photo No.	**Date**
4	2/20/2023

MH-6

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
5	2/20/2023

Electric Meter

Photo No.	**Date**
6	2/20/2023

Vault 1

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
7	2/20/2023

Vault 2

Photo No.	**Date**
8	2/20/2023

Culvert Pipe

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
9	2/20/2023

Loadout point

Photo No.	**Date**
10	2/20/2023

Lower vaults locking latch slightly bent. WSP was still able to open and close the lower vaults door.

B2101342.026.03.LBR

March 24, 2023

Closed Edward Allen Landfill
1st Quarter Inspection Report

On Friday, March 24, 2023, Francis Alvino and Elizabeth Gladstone from WSP USA Inc. (WSP) conducted the quarterly inspection for the Closed Edward Allen Landfill (EAL). Prior to starting the inspection, WSP performed an onsite safety brief discussing the onsite hazards and filled out a Job Safety & Environment Analysis (JSEA). As part of the quarterly inspection the following items were checked: Site security, control systems, leachate vaults, leachate load out system, leachate control trenches, landfill gas vents, site Environmental and Safety (E&S) features, and groundwater monitoring wells. Photographs of the quarterly inspection were taken and are attached to this report.

Site Security: Front gate latch lock was present and secured on arrival. The 6 perimeter gate padlocks were present and secured. Signage around the loadout point and perimeter fence line had no issues observed. The perimeter fence had no new issues observed and culvert drainage had moderate flow.

Control System: Tank 1 water level was observed at 56 inches and Tank 2 water level was observed at 26 inches. WSP personnel were unable to test both alarm control systems while onsite. Weather station was observed to be in working order and collecting data points.

Leachate Vaults: The upper and lower vaults were observed to be in good condition and less than 6 inches of water was observed in the sump. All signage around the loadout point were observed to be in good condition.

Leachate Load Out System: The load out hoses/valves were disconnected from the load out system upon arrival. The tank vents appeared to be clear and unobstructed. Secondary containment cart was present onsite, and the disposal records were present and current.

Leachate Control Trenches: Moderate to no leachate flow was observed in all manholes. Sediment was noted in leachate control manholes MH-1, MH-7, MH-8, MH-10, and MH-13.

Landfill Gas Vents: No new issues were observed.

Site E&S Features: Moderate flow was observed in the stormwater trench. Random scat and animal remains were observed near the perimeter fence.

Groundwater Monitoring Wells: Locks were observed to be missing from 10 wells: 1s, 1d, 2s, 2d, 3s, 3d, 4s, 4d, 15d, and p10. Well p10 is missing a lid, and well 4s has a cracked lid. Otherwise, all wells were observed to be in good condition.

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PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
1	03/24/2023

Load out station and secondary containment

Photo No.	**Date**
2	03/24/2023

Culvert Pipe

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
3	03/24/2023

Electric Meter

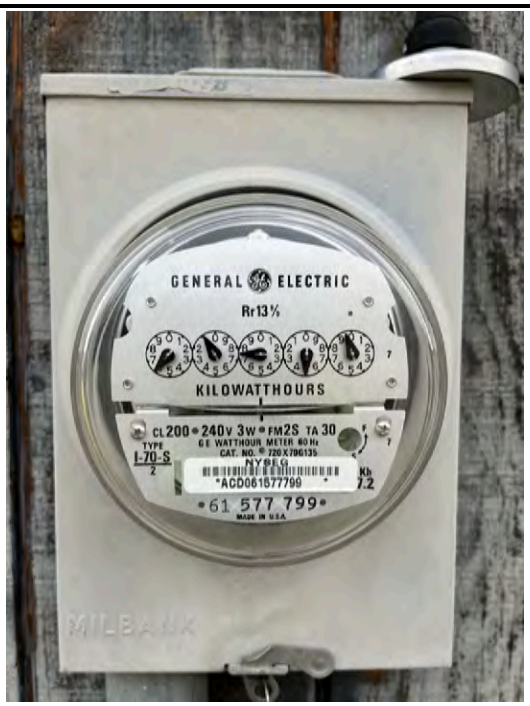

Photo No.	**Date**
4	03/24/2023

Upper Vault

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
5	03/24/2023

Lower Vault

Photo No.	**Date**
6	03/24/2023

Tank Vents

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
7	03/24/2023

MH-1

Photo No.	**Date**
8	03/24/2023

MH-2

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
9	03/24/2023

MH-3

Photo No.	**Date**
10	03/24/2023

MH-4

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
11	03/24/2023

MH-5

Photo No.	**Date**
12	03/24/2023

MH-6

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
13	03/24/2023

MH-7

Photo No.	**Date**
14	03/24/2023

MH-8

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
15	03/24/2023

MH-9

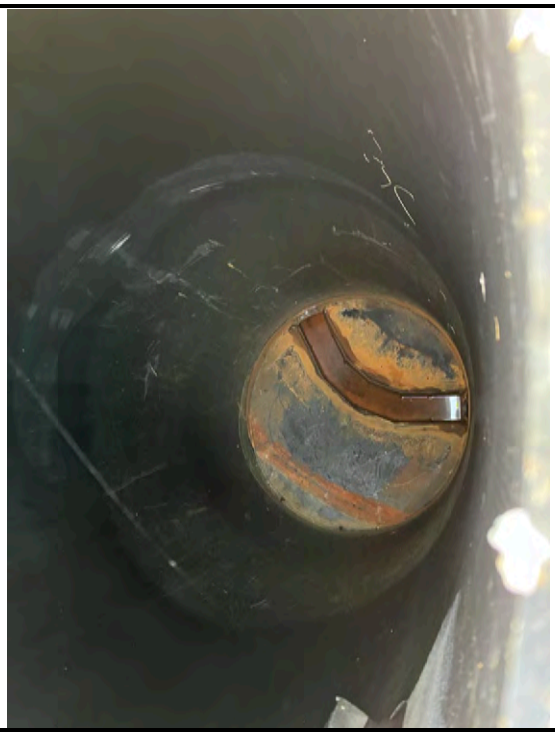

Photo No.	**Date**
16	03/24/2023

MH-10

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
17	03/24/2023

MH-11

Photo No.	**Date**
18	03/24/2023

MH-12

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
19	03/24/2023

MH-13

B2101342.026.03.LBR

April 24, 2023

Closed Edward Allen Landfill - Site Code: 851001
April 2023 - Monthly Inspection Report

On Monday April 24, 2023, Will Dolan from WSP USA Inc. (WSP) conducted the monthly inspection for the closed Edward Allen Landfill, New York State Department of Environmental Conservation (NYSDEC) Site Code: 851001. Following the Job Safety and Environment Analysis, WSP conducted an inspection of the following: site security, control systems, leachate vaults, leachate load out system, leachate control trenches, landfill gas vents, site Environmental and Safety (E&S) features, and groundwater monitoring wells. Photographs were taken and are attached to the end of this report.

Site Security: The front gate and perimeter gates were closed, and the locks were present. The perimeter fence had several fence pole concrete bases were exposed along the southern fence line. The culvert drain was flowing moderately. The access road was cleared of obstructions. No additional issues were observed.

Control System: The control system panel indicated that the tank 1 water level was at 43 inches and the tank 2 water level was at 14 inches. Both alarms were observed to be working from past inspections and from observation of the remote monitoring system. The fire extinguisher and first aid kit were present.

Leachate Vaults: The upper vault was observed to be in good condition and approximately 14 inches of water in the sump. The lower vault was observed to be in good condition and that the vault was dry. The lower vault's cover latch was observed to be bent, the vault door opened and closed with little interference. no other issues were observed.

Leachate Load Out System: The leachate load-out system tank connectors were present. The load-out hoses were left disconnected from the load out system. Air vents were clear and unobstructed. The secondary containment cart was present onsite. Disposal records were present and current. The leachate dipstick was broken with the load-out hoses on top of the dipstick

Leachate Control Trenches: Moderate to no leachate flow observed in leachate control manholes MH-3 to MH-6. Sediment was present in MH-3, with a slight sheen observed in MH-03. No issues were observed the with manhole covers.

Landfill Gas Vents: No new issues observed. Some of the LGVs were bent with paint chipping/light corrosion. These issues were mentioned in past reports and will be addressed in the spring/summer months.

Site E&S Features: Moderate flow observed in the stormwater trench. Random scat, animal tracks, and minor disturb areas of soil from animals (dug out depressions) were approximately 3 inches in depth. The coyote den that was filled in by Critter Chicks late 2022 has be partially dug out by an animal.

Groundwater Monitoring Wells: Observed wells were found to be in good condition.

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PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
1	4/24/2023

MH-3

Photo No.	**Date**
2	4/24/2023

MH-4

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
3	4/24/2023

MH-5

Photo No.	**Date**
4	4/24/2023

MH-6

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
5	4/24/2023

Electric Meter

Photo No.	**Date**
6	4/24/2023

Vault 1

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
7	4/24/2023

Vault 2

Photo No.	**Date**
8	4/24/2023

Culvert Pipe

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
9	4/24/2023

Loadout point

Photo No.	**Date**
10	4/24/2023

Coyote den filled in by Critter Chicks and WSP late 2022 was observed to have been partially dug out by an animal.

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
11	4/24/2023

Exposed concrete fence post from erosion.

B2101342.026.03.LBR

May 18, 2023

Closed Edward Allen Landfill - Site Code: 851001
May 2023 - Monthly Inspection Report

On Thursday May 18, 2023, Will Dolan from WSP USA Inc. (WSP) conducted the monthly inspection for the closed Edward Allen Landfill, New York State Department of Environmental Conservation (NYSDEC) Site Code: 851001. Following the Job Safety and Environment Analysis, WSP conducted an inspection of the following: site security, control systems, leachate vaults, leachate load out system, leachate control trenches, landfill gas vents, site Environmental and Safety (E&S) features, and groundwater monitoring wells. Photographs were taken and are attached to the end of this report.

Site Security: The front gate and perimeter gates were closed, and the locks were present. As noted in past reports the perimeter fence had several fence pole concrete bases exposed along the southern fence line. The culvert drain was flowing low. The access road was cleared of obstructions. No additional issues were observed.

Control System: The control system panel indicated that the tank 1 water level was at 50 inches and the tank 2 water level was at 18 inches. Both alarms were observed to be working from past inspections and from observation of the remote monitoring system. The fire extinguisher and first aid kit were present.

Leachate Vaults: The upper vault was observed to be in good condition and approximately 14 inches of water in the sump. The lower vault was observed to be in good condition and that the vault was dry. The lower vault's cover latch was observed to be bent, the vault door opened and closed with little interference. no other issues were observed.

Leachate Load Out System: The leachate load-out system tank connectors were present. T&R replaced the load-out system tank connector valves in early May. The load-out hoses were left connected to the load out system. Air vents were clear and unobstructed. The secondary containment cart was present onsite. Disposal records were present and current. The leachate dipstick and dipstick holder were observed to be damaged and will be replaced.

Leachate Control Trenches: Moderate to no leachate flow observed in leachate control manholes MH-3 to MH-6. Sediment was present in MH-3 and MH-4. No issues were observed with the with manhole covers.

Landfill Gas Vents: No new issues observed. Some of the LGVs were bent with paint chipping/light corrosion. These issues were mentioned in past reports and will be addressed this Summer.

Site E&S Features: Low flow observed in the stormwater trench. Random scat, animal tracks, and minor disturbed areas of soil from animals (dug out depressions) were observed. The coyote den that was filled in by Critter Chicks in late 2022 has be partially dug out. A new burrow was observed near the north fence line. These issues will be addressed this Summer.

Groundwater Monitoring Wells: Observed wells were found to be in good condition.

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PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
1	5/18/2023

MH-3

Photo No.	**Date**
2	5/18/2023

MH-4

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
3	5/18/2023

MH-5

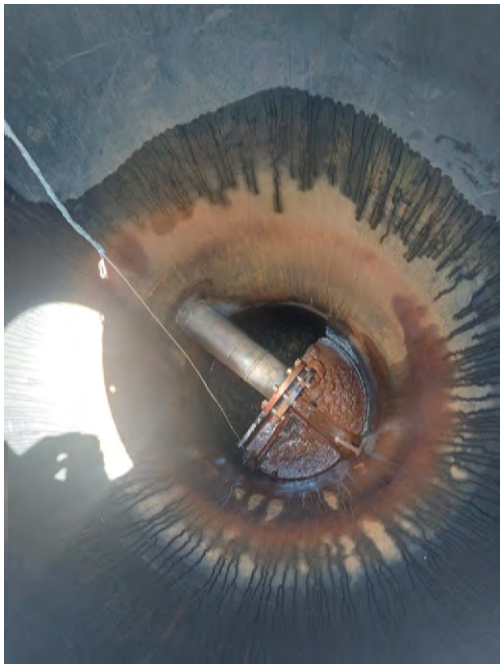

Photo No.	**Date**
4	5/18/2023

MH-6

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
5	5/18/2023

Electric Meter

Photo No.	**Date**
6	5/18/2023

Vault 1

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
7	5/18/2023

Vault 2

Photo No.	**Date**
8	5/18/2023

Culvert Pipe

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
9	5/18/2023

Loadout point

Photo No.	**Date**
10	5/18/2023

New dugout burrow along the north fence line. Burrow was marked with a stake.

B2101342.026.03.LBR

June 23, 2023

Closed Edward Allen Landfill
2nd Quarter Inspection Report

On June 23, 2023, William Dolan and Elizabeth Gladstone from WSP USA Inc. (WSP) conducted the quarterly inspection for Edward Allen Landfill, New York State Department of Environmental Conservation (NYSDEC) Site Code: 851001. Prior to starting the inspection, WSP performed an onsite safety brief discussing the onsite hazards and filled out a Job Safety & Environment Analysis (JSEA). As part of the quarterly inspection the following items were checked: Site security, control systems, leachate vaults, leachate load out system, leachate control trenches, landfill gas vents, site Environmental and Safety (E&S) features, and groundwater monitoring wells. Photographs of the quarterly inspection were taken and are attached to this report.

Site Security: The front gate latch lock was present and secured on arrival. The six perimeter gate padlocks were present and secured. Signage around the loadout point and perimeter fence line was intact and in good order. As noted in past reports the perimeter fence had several fence pole concrete bases exposed along the southern fence line and culvert drainage had low flow.

Control System: Tank 1 water level was observed at 15 inches and Tank 2 water level was observed at 45 inches. Both alarms were observed to be working from observation of the remote monitoring system. Weather station was observed to be in good working order and collecting data points.

Leachate Vaults: The upper and lower vaults were observed to be in good condition and less than 6 inches of water was observed in the upper vault sump. All signage around the loadout point were observed to be in good condition.

Leachate Load Out System: The load out hoses/valves were connected to the load out system upon arrival. The tank vents appeared to be clear and unobstructed. Secondary containment cart was present onsite, and the disposal records were present and current.

Leachate Control Trenches: Low to no leachate flow was observed in all manholes. Sediment was noted in leachate control manholes MH-1, MH-2, MH-3, MH-8, MH-9, MH-10, and MH-13. Light to thick sheen observed in several manholes.

Landfill Gas Vents: No new issues observed. Some of the landfill gas vents (LGVs) were bent with paint chipping/light corrosion. These issues were mentioned in past reports and will be addressed over the next months.

Site E&S Features: No flow was observed in the stormwater trench. Random scat and animal remains were observed near the perimeter fence. As mentioned in previous reports, the coyote den that was filled in by Critter Chicks in late 2022 has been partially dug out. A new burrow was observed near the north fence line. Critter Chicks will set up a camera to monitor the borrow.

Groundwater Monitoring Wells: No new issues observed, all wells were observed to be in good condition.

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PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
1	06/23/2023

Load out station and secondary containment

Photo No.	**Date**
2	06/23/2023

Culvert Pipe

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
3	06/23/2023

Electric Meter

Photo No.	**Date**
4	06/23/2023

Upper Vault

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
5	06/23/2023

Lower Vault

Photo No.	**Date**
6	06/23/2023

New manhole staged for installation

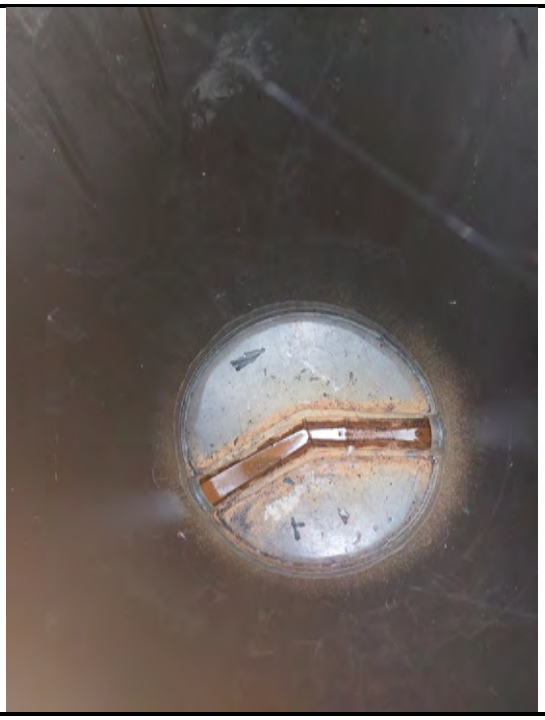
PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
7	06/23/2023

MH-1

Photo No.	**Date**
8	06/23/2023

MH-2



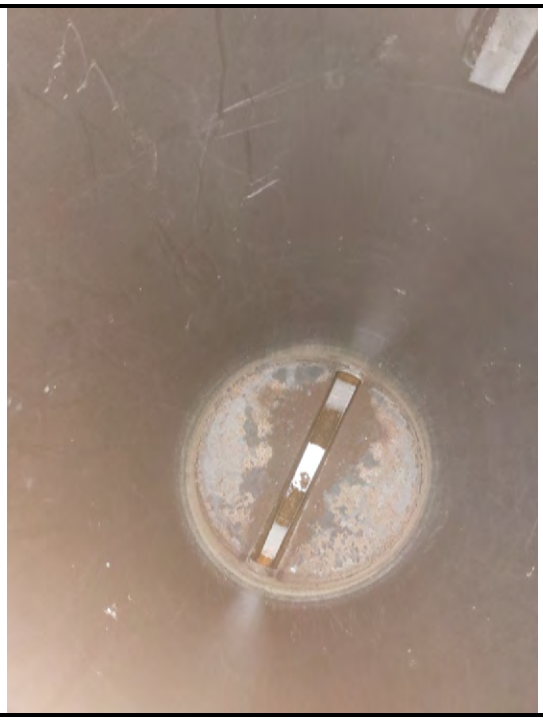
PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
9	06/23/2023

MH-3

Photo No.	**Date**
10	06/23/2023

MH-4



PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
11	06/23/2023

MH-5

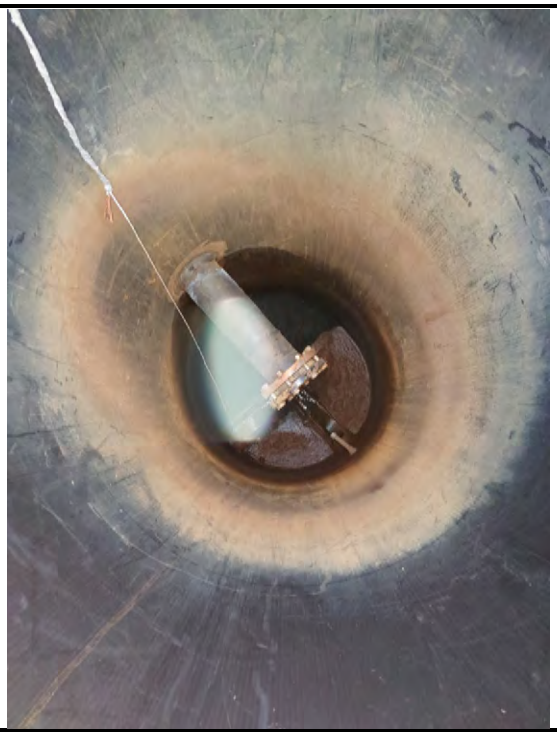


Photo No.	**Date**
12	06/23/2023

MH-6

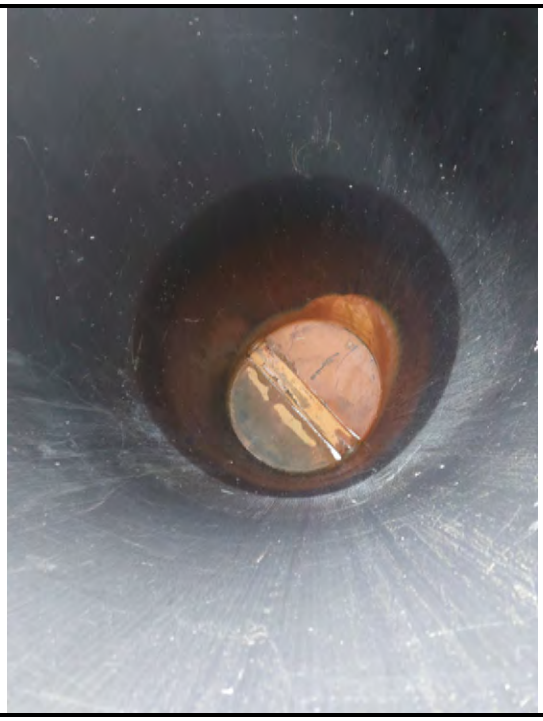
PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
13	06/23/2023

MH-7

Photo No.	**Date**
14	06/23/2023

MH-8



PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
15	06/23/2023

MH-9

Photo No.	**Date**
16	06/23/2023

MH-10

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
17	06/23/2023

MH-11

Photo No.	**Date**
18	06/23/2023

MH-12

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
19	06/23/2023

MH-13

B2101342.026.03.LBR

July 21, 2023

Closed Edward Allen Landfill - Site Code: 851001
July 2023 - Monthly Inspection Report

On Thursday July 20, 2023, Will Dolan and Josh Hamelin from WSP USA Inc. (WSP) conducted the monthly inspection for the closed Edward Allen Landfill, New York State Department of Environmental Conservation (NYSDEC) Site Code: 851001. Following the Job Safety and Environment Analysis, WSP conducted an inspection of the following: site security, control systems, leachate vaults, leachate load out system, leachate control trenches, landfill gas vents, site Environmental and Safety (E&S) features, and groundwater monitoring wells. Photographs were taken and are attached to the end of this report.

Site Security: The front gate and perimeter gates were closed, and the locks were present. As noted in past reports the perimeter fence had several fence pole concrete bases exposed along the southern fence line. The culvert drain was flowing low. The access road was cleared of obstructions. No additional issues were observed.

Control System: The control system panel indicated that the Tank 1 water level was at 24 inches and the Tank 2 water level was at 68 inches. Both alarms were observed to be working from past inspections and from observation of the remote monitoring system. The fire extinguisher and first aid kit were present.

Leachate Vaults: The upper vault was observed to be in good condition and approximately 2 inches of water in the sump. The lower vault was observed to be in good condition and approximately 1inch of water in the sump. The lower vault's cover latch was observed to be bent, the vault door opened and closed with little interference. no other issues were observed.

Leachate Load Out System: The leachate load-out system tank connectors were present. The load-out hoses were left connected to the load out system. Air vents were clear and unobstructed. The secondary containment cart was present onsite. Disposal records were present and current. The leachate dipstick and dipstick holder were observed to be damaged and will be replaced.

Leachate Control Trenches: Low to no leachate flow observed in leachate control manholes MH-3 to MH-6. Sediment was present in MH-3 and MH-6. A thick sheen was observed in MH-5. No issues were observed with the with manhole covers. MH-1 and MH-11 through MH-13 manhole covers have been replaced with the new flat top style on July 20th, 2023.

Landfill Gas Vents: No new issues observed. Some of the LGVs were bent with paint chipping/light corrosion. These issues were mentioned in past reports and will be addressed this summer.

Site E&S Features: Low flow observed in the stormwater trench. Random scat, animal tracks, and bones were observed. The coyote den was observed remotely by Critter Chicks and no activity has been observed. The coyote den will be addressed this summer.

Groundwater Monitoring Wells: Observed wells were found to be in good condition.

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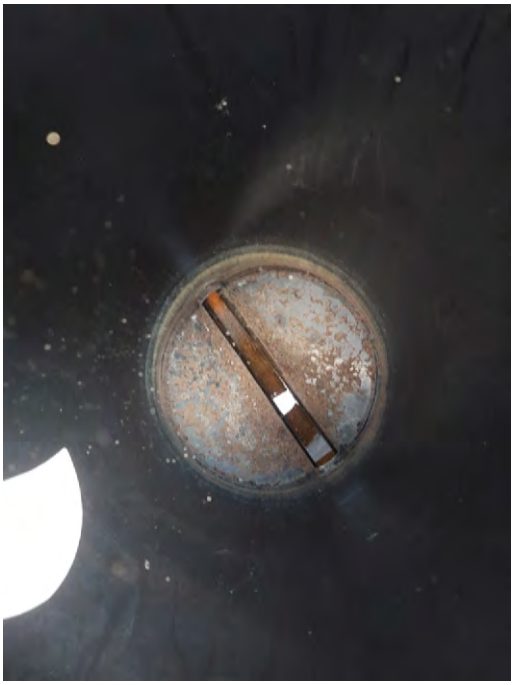
PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
1	7/20/2023

MH-3.

Photo No.	**Date**
2	7/20/2023

MH-4.



PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
3	7/20/2023

MH-5.

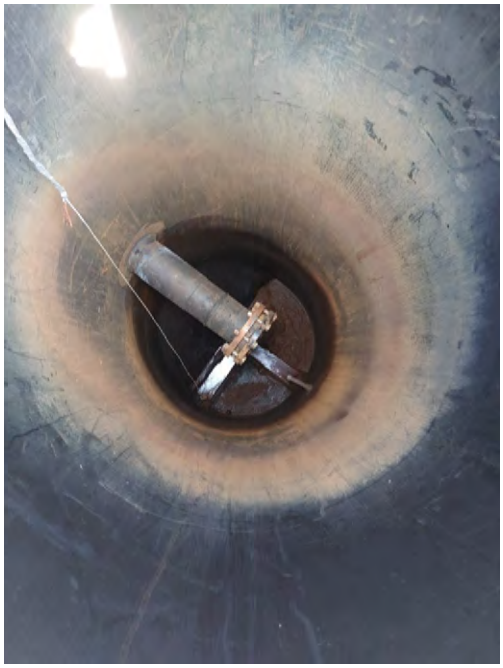


Photo No.	**Date**
4	7/20/2023

MH-6.

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
5	7/20/2023

Electric Meter.

Photo No.	**Date**
6	7/20/2023

Vault 1.

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
7	7/20/2023

Vault 2.

Photo No.	**Date**
8	7/20/2023

Culvert Pipe.

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
9	7/20/2023

Loadout point.

Photo No.	**Date**
10	7/20/2023

Leachate tank vents.

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
11	7/19/2023

MH-1 with new manhole cover.

Photo No.	**Date**
12	7/19/2023

MH-13 with new manhole cover.

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
13	7/19/2023

MH-12 with new manhole cover.

Photo No.	**Date**
14	7/20/2023

MH-11 with new manhole cover.

B2101342.026.03.LBR

August 23, 2023

Closed Edward Allen Landfill - Site Code: 851001
August 2023 - Monthly Inspection Report

On Tuesday 22, 2023, Will Dolan from WSP USA Inc. (WSP) conducted the monthly inspection for the closed Edward Allen Landfill, New York State Department of Environmental Conservation (NYSDEC) Site Code: 851001. Following the Job Safety and Environment Analysis, WSP conducted an inspection of the following: site security, control systems, leachate vaults, leachate load out system, leachate control trenches, landfill gas vents, site Environmental and Safety (E&S) features, and groundwater monitoring wells. Photographs were taken and are attached to the end of this report.

Site Security: The front gate and perimeter gates were closed, and the locks were present. As noted in past reports the perimeter fence had several fence pole concrete bases exposed along the southern fence line. The culvert drain was flowing moderately. The access road was cleared of obstructions. No additional issues were observed.

Control System: The control system panel indicated that the Tank 1 water level was at 75 inches and the Tank 2 water level was at 72 inches. Both alarms were observed to be working from past inspections and from observation of the remote monitoring system. The fire extinguisher and first aid kit were present.

Leachate Vaults: The upper vault was observed to be in good condition and approximately 3 inches of water in the sump. WSP was unable to open the lower vault during today's inspection. No other new issues were observed.

Leachate Load Out System: The leachate load-out system tank connectors were present. The load-out hoses were left connected to the load out system. Air vents were clear and unobstructed. The secondary containment cart was present onsite. Disposal records were present and current. The leachate dipstick and dipstick holder were observed to be damaged and are in the process of being replaced.

Leachate Control Trenches: Moderate to low leachate flow observed in leachate control manholes MH-3 to MH-6. Sediment was present in MH-3. No new issues were observed.

Landfill Gas Vents: No new issues observed. Some of the LGVs were bent with paint chipping/light corrosion. These issues were mentioned in past reports and will be addressed in the near future.

Site E&S Features: Low flow observed in the stormwater trench. Animal tracks and bones were observed. The coyote den and woodchuck burrow were filled in by WSP on July 28, 2023.

Groundwater Monitoring Wells: Observed wells were found to be in good condition.

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PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
1	8/22/2023

MH-3.

Photo No.	**Date**
2	8/22/2023

MH-4.

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
3	8/22/2023

MH-5.

Photo No.	**Date**
4	8/22/2023

MH-6.

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
5	8/22/2023

Electric Meter.

Photo No.	**Date**
6	8/22/2023

Vault 1.

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
7	8/22/2023

Weather Station

Photo No.	**Date**
8	8/22/2023

Culvert Pipe.

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
9	8/22/2023

Loadout point.

Photo No.	**Date**
10	8/22/2023

Leachate tank vents.

B2101342.026.03.LBR

September 25, 2023

Closed Edward Allen Landfill
3rd Quarter Inspection Report

On September 25, 2023, William Dolan and Josh Hamelin from WSP USA Inc. (WSP) conducted the quarterly inspection for the Edward Allen Landfill, New York State Department of Environmental Conservation (NYSDEC) Site Code: 851001. Prior to starting the inspection, WSP performed an onsite safety brief discussing the onsite hazards and filled out a Job Safety & Environment Analysis (JSEA). As part of the quarterly inspection the following items were checked: Site security, control systems, leachate vaults, leachate load out system, leachate control trenches, landfill gas vents, site Environmental and Safety (E&S) features, and groundwater monitoring wells. Photographs of the quarterly inspection were taken and are attached to this report.

Site Security: The front gate latch lock was present and secured on arrival. The six perimeter gate padlocks were present however, the southwest gates latch was snapped off, WSP will repair/secure the gate as soon as possible. Signage around the loadout point and perimeter fence line was intact and in good order. As noted in past reports the perimeter fence had several fence pole concrete bases exposed along the southern fence line and culvert drainage had low flow.

Control System: Tank 1 water level was observed at 23 inches and Tank 2 water level was observed at 55 inches. Both alarms were observed to be working from observation of the remote monitoring system. The weather station was observed to be in good working order and collecting data.

Leachate Vaults: The upper and lower vaults were observed to be in good condition. nine inches of water was observed in the upper vault sump and eight inches of water was observed in the lower vault sump.

Leachate Load Out System: The load out hoses/valves were connected to the load out system upon arrival. The tank vents appeared to be clear and unobstructed. The secondary containment cart was present onsite, and the disposal records were present and update. Several leachate manifests were missing from the collection bin. WSP will request the missing manifests from Dickson.

Leachate Control Trenches: moderate to no leachate flow was observed in all manholes. Sediment was noted in leachate control manholes MH-1, MH-3, MH-7, MH-8, MH-9, MH-10, and MH-13. A thin to thick sheen was observed in several manholes.

Landfill Gas Vents: No new issues observed. Some of the landfill gas vents (LGVs) were bent with paint chipping/light corrosion. These issues were mentioned in past reports and will be addressed over the next months.

Site E&S Features: A low flow was observed in the stormwater trench. Animal tracks were observed near the perimeter fence.

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PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Groundwater Monitoring Wells: Several monitoring wells require two-inch diameter end cap replacements, and one monitoring well steel lid was cracked and will be replaced. These will be addressed over the next months.

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
1	09/25/2023

Load out station and secondary containment

Photo No.	**Date**
2	09/25/2023

Culvert Pipe

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
3	09/25/2023

Electric Meter

Photo No.	**Date**
4	09/25/2023

Upper Vault

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
5	09/25/2023

Lower Vault

Photo No.	**Date**
6	09/25/2023

Broken latch.

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
7	09/25/2023

MH-1

Photo No.	**Date**
8	09/25/2023

MH-2

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
9	09/25/2023

MH-3

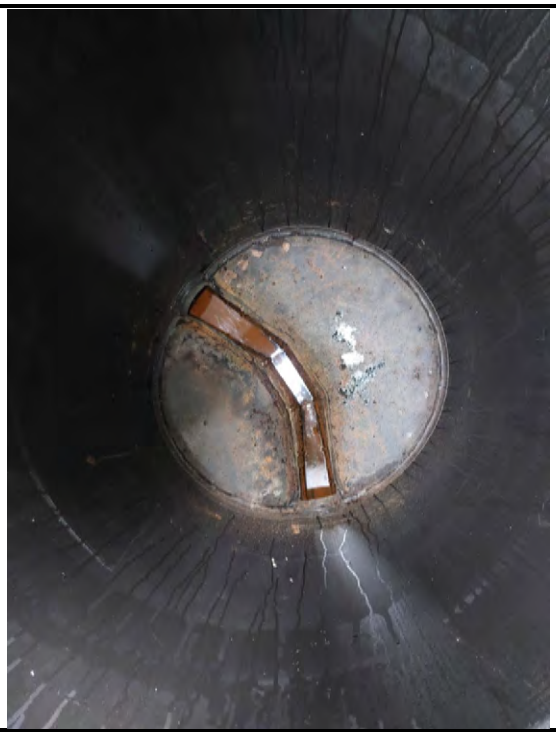


Photo No.	**Date**
10	09/25/2023

MH-4

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
11	09/25/2023

MH-5

Photo No.	**Date**
12	09/25/2023

MH-6

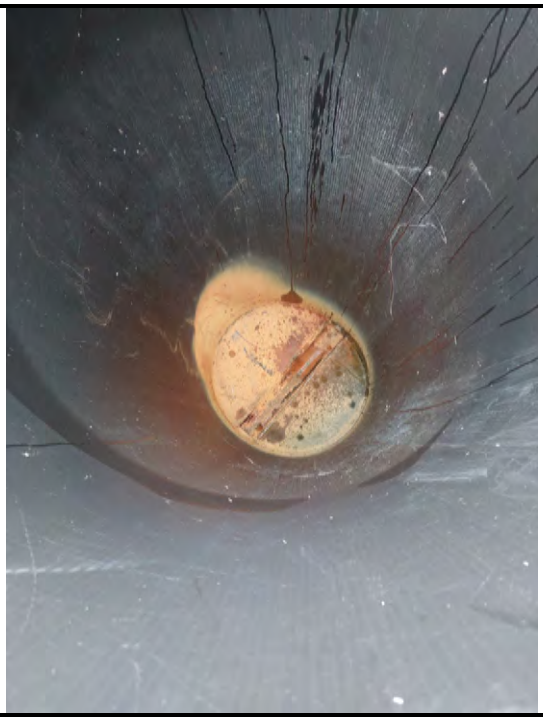
PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
13	09/25/2023

MH-7

Photo No.	**Date**
14	09/25/2023

MH-8



PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
15	09/25/2023

MH-9

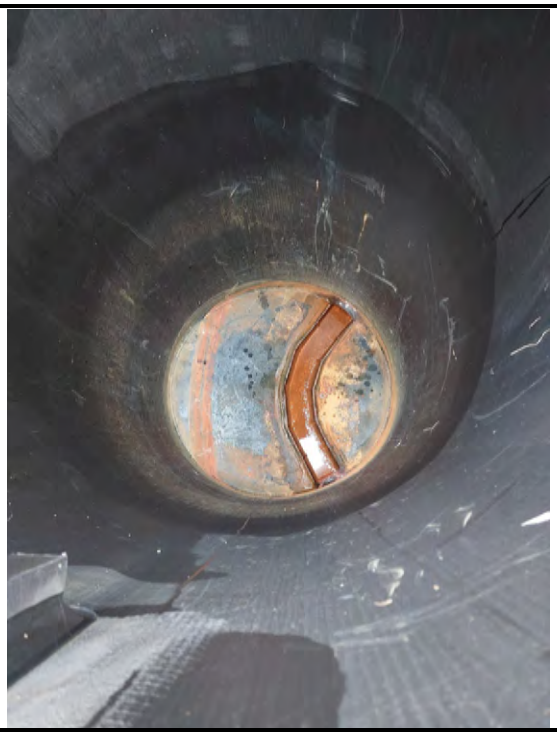


Photo No.	**Date**
16	09/25/2023

MH-10

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
17	09/25/2023

MH-11

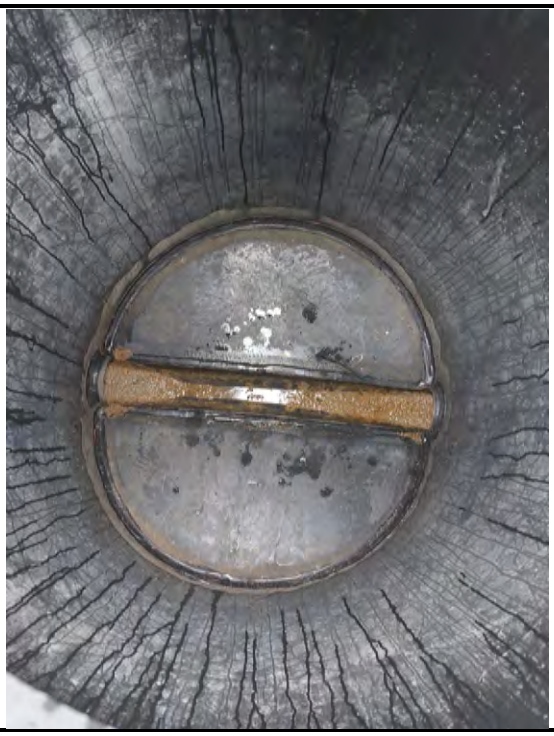
Photo No.	**Date**
18	09/25/2023

MH-12

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
19	09/25/2023

MH-13



B2101342.026.03.LBR

October 26, 2023

Closed Edward Allen Landfill - Site Code: 851001
October 2023 - Monthly Inspection Report

On Thursday, October 26, 2023, Will Dolan from WSP USA Inc. (WSP) conducted the monthly inspection for the closed Edward Allen Landfill, New York State Department of Environmental Conservation (NYSDEC) Site Code: 851001. Following the Job Safety and Environment Analysis, WSP conducted an inspection of the following: site security, control systems, leachate vaults, leachate load out system, leachate control trenches, landfill gas vents, site Environmental and Safety (E&S) features, and groundwater monitoring wells. Photographs were taken and are attached to the end of this report.

Site Security: The front gate and perimeter gates were closed, and the locks were present. As noted in past reports the perimeter fence had several fencepost concrete bases exposed along the southern fence line. Several portions of the fence will need repairs such us misaligned fenceposts and gates, and some damaged chain link fence. WSP is working with Thomas Landscaping to schedule these repairs. The culvert drain flow was low. The access road was cleared of obstructions. No additional issues were observed.

Control System: The control system panel indicated that the Tank 1 water level was at 23 inches and the Tank 2 water level was at 43 inches. Both alarms were observed to be working from past inspections and from observation of the remote monitoring system. The fire extinguisher and first aid kit were present.

Leachate Vaults: The upper vault was observed to be in good condition with approximately 8 inches of water in the sump. The lower vault was observed to be in good condition with approximately 6 inches of water in the sump. No other new issues were observed.

Leachate Load Out System: The leachate load-out system tank connectors were present. The load-out hoses were left connected to the load out system. Air vents were clear and unobstructed. The secondary containment cart was present onsite. Disposal records were present and current. The leachate dipstick and dipstick holder were replaced during the annual groundwater sampling in September.

Leachate Control Trenches: Moderate to no leachate flow observed in leachate control manholes MH-3 to MH-6. Sediment was present in MH-3 and MH-4. No new issues were observed. On Wednesday, October 4, 2023 WSP and T&R Environmental (T&R) were performing routine line jetting activities on the seepage collection system. During jetting from MH-6 to MH-7, T&R's line jetting tool became lodged in the seepage collection pipe and would not advance or retract. WSP is working with T&R to repair the damaged pipe between MH-6 and MH-7.

Landfill Gas Vents (LGV): No new issues observed. Some of the LGVs were bent with paint chipping/light corrosion. These issues were mentioned in past reports and will be addressed in the spring of 2024.

Site E&S Features: Low flow observed in the stormwater trench. Small amounts of animal tracks and bones were observed.

Groundwater Monitoring Wells: Observed wells MW-3, MW-4, MW-10 were verified to be in good condition.

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PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
1	10/26/2023

MH-3.

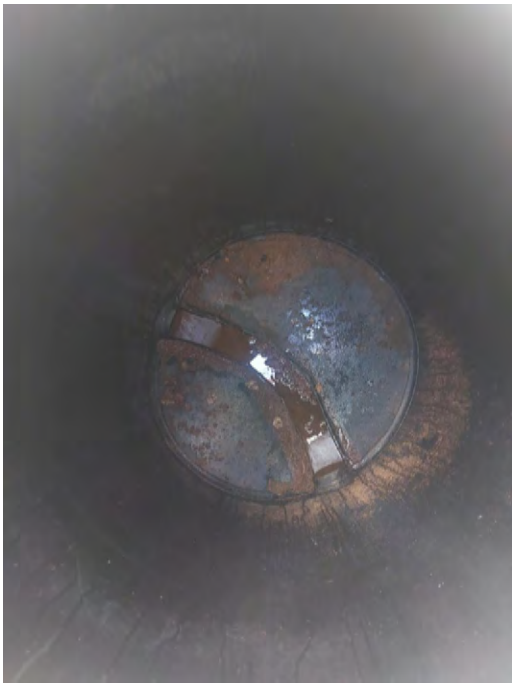
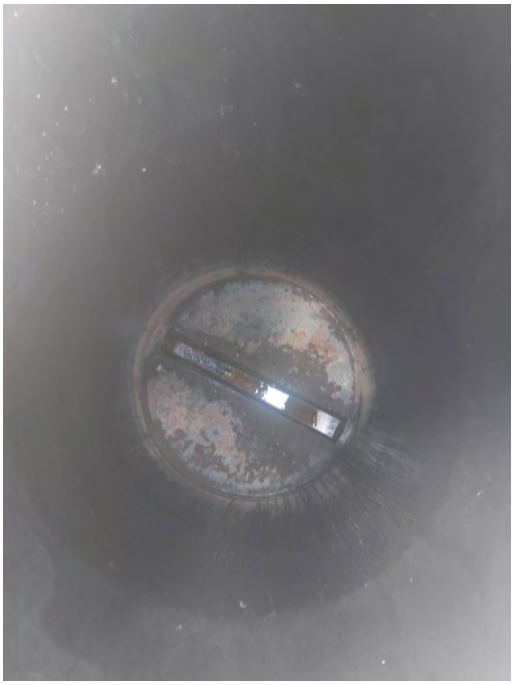


Photo No.	**Date**
2	10/26/2023

MH-4.



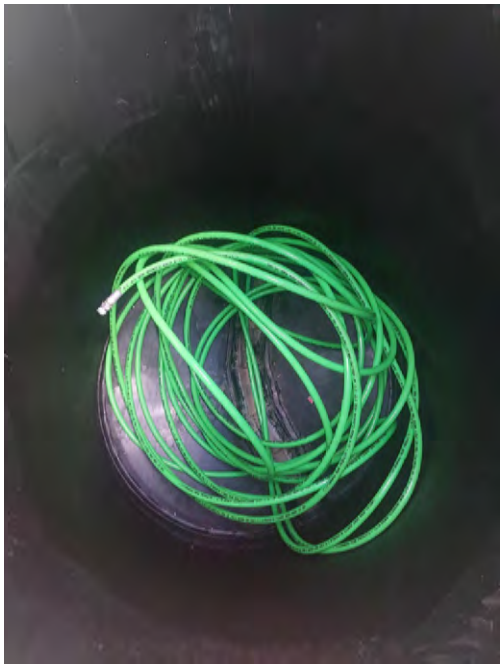
PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
3	10/26/2023

MH-5.

Photo No.	**Date**
4	10/26/2023

MH-6. Including T&R's line jetting tool.



PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
5	10/26/2023

Electric Meter.

Photo No.	**Date**
6	10/26/2023

Vault 1.

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
7	10/26/2023

New leachate dip stick and holder. Note small pile of soil covered with plastic sheeting in the photo background.

Photo No.	**Date**
8	10/26/2023

Culvert Pipe.

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
9	10/26/2023

Loadout point.

Photo No.	**Date**
10	10/26/2023

Leachate tank vents.

B2101342.026.03.LBR

November 28, 2023

Closed Edward Allen Landfill - Site Code: 851001
November 2023 - Monthly Inspection Report

On Tuesday, November 28, 2023, Will Dolan from WSP USA Inc. (WSP) conducted the monthly inspection for the closed Edward Allen Landfill, New York State Department of Environmental Conservation (NYSDEC) Site Code: 851001. Following the Job Safety and Environment Analysis, WSP conducted an inspection of the following: site security, control systems, leachate vaults, leachate load out system, leachate control trenches, landfill gas vents, and site Environmental and Safety (E&S) features. Photographs were taken and are attached to the end of this report.

Site Security: The front gate and perimeter gates were closed, and the locks were present. As noted in past reports the perimeter fence had several fencepost concrete bases exposed along the southern fence line. Several portions of the fence will need repairs such us misaligned fenceposts and gates, and some damaged chain link fabric. WSP is working with Thomas Landscaping to schedule these repairs. The culvert drain flow was low. The access road was cleared of obstructions. No additional issues were observed.

Control System: The control system panel indicated that the Tank 1 water level was at 82 inches and the Tank 2 water level was at 26 inches. Both alarms were observed to be working from past inspections and from observation of the remote monitoring system. The fire extinguisher and first aid kit were present and the inspection was current.

Leachate Vaults: The upper vault was observed to be in good condition with approximately 8 inches of water in the sump. The lower vault was observed to be in good condition with approximately 6 inches of water in the sump. No other new issues were observed.

Leachate Load Out System: The leachate load-out system tank connectors were present. The load-out hoses were left disconnected next to the load out system, with the load out valves stored inside the control shed. Air vents were clear and unobstructed. The secondary containment cart was present onsite. Disposal records were present and current.

Leachate Control Trenches: High to low leachate flow observed in leachate control manholes MH-3 to MH-6. Sediment was present in MH-3. No new issues were observed. WSP and T&R Environmental (T&R) repaired the damaged section of the leachate collection system during the week of November 13th. Waste generated during excavation is stored onsite in a roll-off container awaiting disposal approval.

Landfill Gas Vents (LGV): No new issues observed. Some of the LGVs were bent with paint chipping/light corrosion. These issues were mentioned in past reports and will be addressed in the spring of 2024.

Site E&S Features: The stormwater trench was observed to be frozen over. Small amounts of animal tracks were observed.

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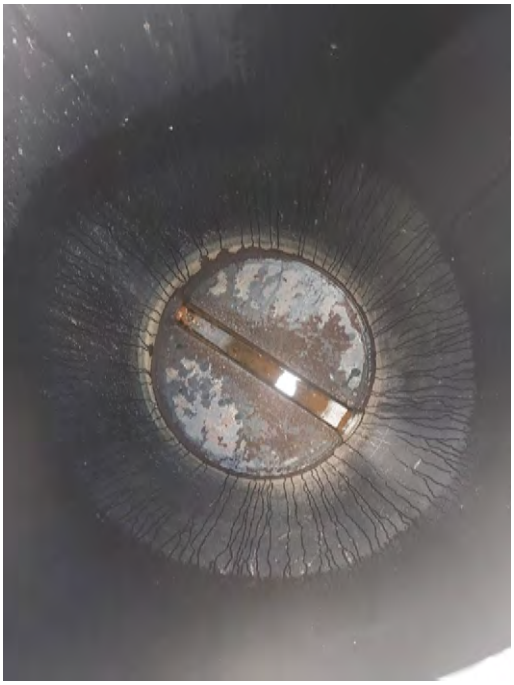
PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
1	11/28/2023

MH-3.

Photo No.	**Date**
2	11/28/2023

MH-4.



PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
3	11/28/2023

MH-5.

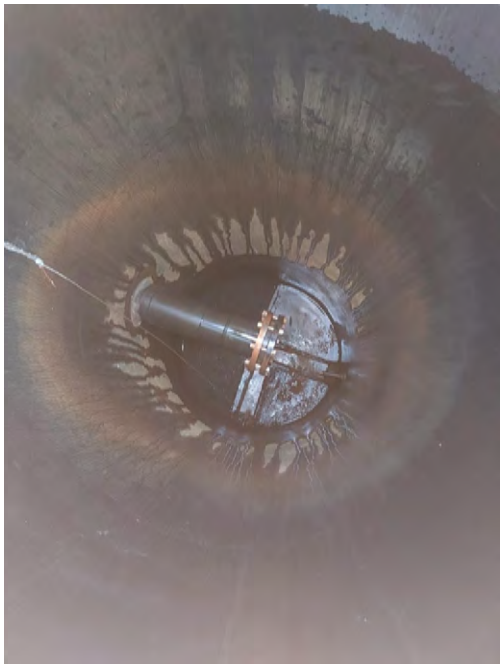


Photo No.	**Date**
4	11/28/2023

MH-6.

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
5	11/28/2023

Vault 1.

Photo No.	**Date**
6	11/28/2023

Vault 2.

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
7	11/28/2023

Leachate loadout and secondary containment.

Photo No.	**Date**
8	11/28/2023

Culvert Pipe.

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **MONTHLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
9	11/28/2023

Electric meter

Photo No.	**Date**
10	11/28/2023

Leachate tank vents.

B2101342.026.03.LBR

December 12, 2023

Closed Edward Allen Landfill
4th Quarter Inspection Report

On December 11, 2023, William Dolan and Josh Hamelin from WSP USA Inc. (WSP) conducted the quarterly inspection for the Edward Allen Landfill, New York State Department of Environmental Conservation (NYSDEC) Site Code: 851001. Prior to starting the inspection, WSP performed an onsite safety brief discussing the onsite hazards and filled out a Job Safety & Environment Analysis (JSEA). As part of the quarterly inspection the following items were checked: Site security, control systems, leachate vaults, leachate load out system, leachate control trenches, landfill gas vents, site Environmental and Safety (E&S) features, and groundwater monitoring wells. Photographs taken during the quarterly inspection are attached to this report.

Site Security: The front gate latch lock was present and secured on arrival. The six perimeter gate padlocks were present and secure. Signage around the loadout point and perimeter fence line was intact and in good order. As noted in past reports the perimeter fence had several fence pole concrete bases exposed along the southern fence line these will be address in the Spring 2024. The culvert drainage had low flow.

Control System: Tank 1 water level was observed at 74 inches and Tank 2 water level was observed at 47 inches. Both alarms were observed to be working from observation of the remote monitoring system. The weather station had snow and ice buildup from recent weather conditions, WSP cleaned off sensors and collected historic weather data from the system memory.

Leachate Vaults: The upper and lower vaults were observed to be in good condition. eight inches of water was observed in the upper vault sump and six inches of water was observed in the lower vault sump.

Leachate Load Out System: The load out hoses/valves were disconnected to the load out system upon arrival, with the valves stored inside the control shed. The tank vents appeared to be clear and unobstructed. The secondary containment cart was present onsite, and the disposal records were present and update.

Leachate Control Trenches: high to no leachate flow was observed in all manholes. Sediment was noted in leachate control manholes MH-1, MH-2, MH-3, MH-4, MH-7, MH-8, MH-9, MH-10, MH-12, and MH-13. A thin to thick sheen was observed in several manholes. MH-3 and MH-13's channel was three quarter filled with sediment, WSP will address when resuming line jetting when weather permits. Repairs were made to the collapsed section of the leachate collection system the week of November 13, 2023.

Landfill Gas Vents: No new issues observed. Some of the landfill gas vents (LGVs) were bent with paint chipping/light corrosion. These issues were mentioned in past reports and will be addressed in Spring 2024.

Site E&S Features: A moderate flow was observed in the stormwater trench. Animal tracks were observed near the perimeter fence. Ruts identified during site repairs to the leachate collection system were filled in by Thomas Landscaping on November 30, 2023.

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PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Groundwater Monitoring Wells: WSP replaced the cracked lid on MW-4S and replaced missing/damaged monitoring well plugs. No other issues were observed.

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
1	12/12/2023

Load out station and secondary containment

Photo No.	**Date**
2	12/12/2023

Culvert Pipe

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
3	12/12/2023

Electric Meter

Photo No.	**Date**
4	12/12/2023

Upper Vault

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
5	12/12/2023

Lower Vault

Photo No.	**Date**
6	12/12/2023

Monitoring well MW-4S cracked lid was replaced.

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
7	12/12/2023

MH-1

Photo No.	**Date**
8	12/12/2023

MH-2

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
9	12/12/2023

MH-3

Photo No.	**Date**
10	12/12/2023

MH-4

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
11	12/12/2023

MH-5

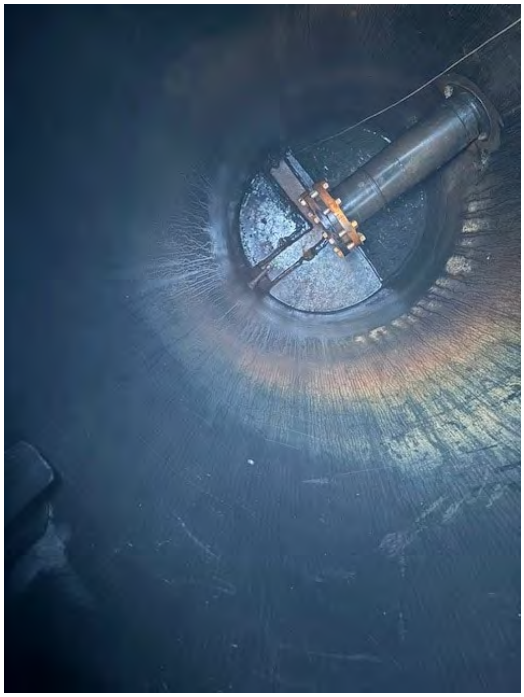
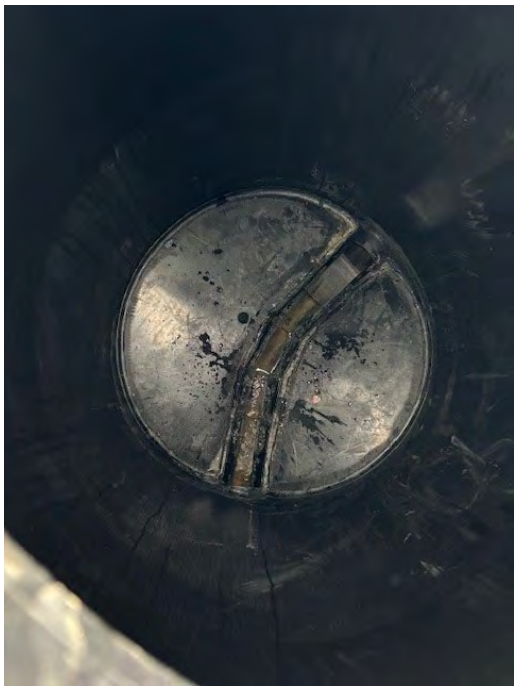


Photo No.	**Date**
12	12/12/2023

MH-6



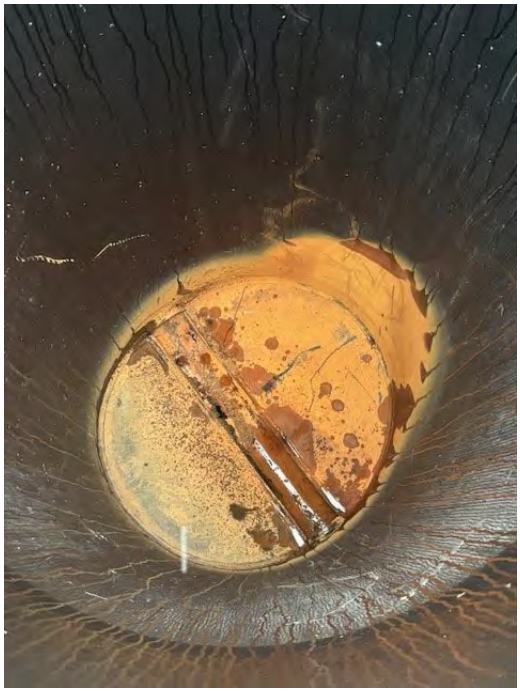
PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026**

Photo No.	**Date**
13	12/12/2023

MH-7

Photo No.	**Date**
14	12/12/2023

MH-8



PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
15	12/12/2023

MH-9

Photo No.	**Date**
16	12/12/2023

MH-10

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
17	12/12/2023

MH-11

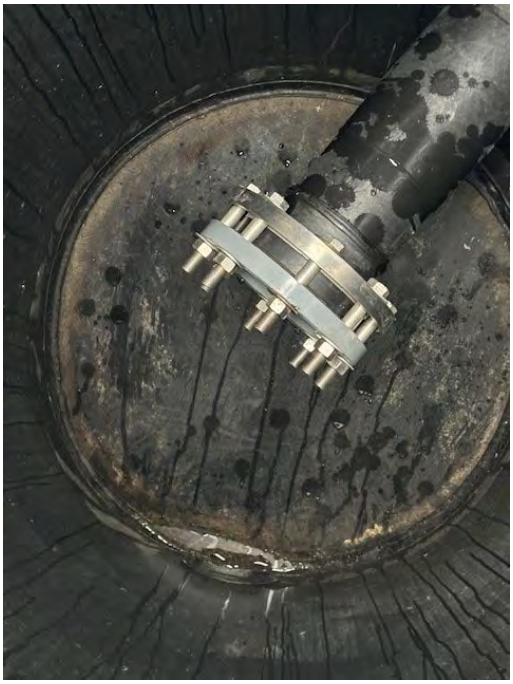


Photo No.	**Date**
18	12/12/2023

MH-12

PHOTOGRAPHIC LOG		
2023 SITE MANAGEMENT PLAN	**EDWARD ALLEN LANDFILL** **QUARTERLY SITE INSPECTION**	**B2101342.026.03.LBR** **FINAL**

Photo No.	**Date**
19	12/12/2023

MH-13

EAL LGV Field Readings

Date: 9/25/2023

Vent Number	PID(ppm)	LEL(%)
Background	0.0	0
1	0.0	0
2	0.5	0
3	0.0	0
4	0.0	0
5	0.0	0
6	0.1	0
7	0.3	0
8	0.1	0
9	0.0	0
10	0.1	0
11	0.0	0
12	0.0	0
13	0.1	0
14	0.3	0
15	0.0	0
16	0.0	0
17	0.0	0
18	0.0	0
19	0.4	Over 99%
20	2.0	Over 99%
21	0.0	0
22	0.0	0
23	0.0	0
24	0.0	0

APPENDIX

B

Field Data Summary and Groundwater Sampling Logs

Monitoring Well Evaluations
Edward Allen Landfill
Corning, New York
September 25 - 2023

Dry =

Monitoring Point	MW Name	Elevation Riser Pipe	Depth to Water(ft)	Total Well Depth (ft)	Water Elevation
OBG-1S		1581.58	8.26	18.35	1573.32
OBG-1D		1581.46	12.49	38.95	1568.97
OBG-2S		1575.06	5.33	19.3	1569.73
OBG-2D		1575.06	13.13	43.14	1561.93
OBG-3S		1535.81		11.84	1535.81
OBG-3D		1534.62	8.85	24.13	1525.77
OBG-4S	MW-4S	1527.03	3.54	20.04	1523.49
OBG-4D	MW-4D	1527.11	9.09	63.48	1518.02
OBG-5S		1535.22	4.78	19.96	1530.44
OBG-5I		1535.14	4.99	46.58	1530.15
OBG-5D		1534.73	48.21	107.56	1486.52
OBG-6S		1547.82	9.97	19.91	1537.85
OBG-6D		1547.5	42.42	68.2	1505.08
OBG-7S	MW-7S	1543.65	2.83	17.33	1540.82
OBG-7D	MW-7D	1543.08	17.09	36.32	1525.99
OBG-8S		1574.13	2.76	2.76	1571.37
OBG-8D		1575.05	10.93	28.09	1564.12
RWM-10S	RWM-10S	1520.33	9.29	19.93	1511.04
OBG-10D	MW-10D	1519.04	38.4	1115.26	1480.64
OBG-11S	MW-11S	1503.81	36.26	75.31	1467.55
OBG-11D	MW-11D	1503.41	38.99	99.72	1464.42
OBG-12S	MW-12S	1474.05	20.65	38.48	1453.4
OBG-12D	MW-12D	1471.96	31.57	150.45	1440.39
OBG-13S	MW-13S	1530.17	4.06	15.61	1526.11
OBG-13D	MW-13D	1529.85	17.01	30.12	1512.84
OBG-14S	MW-14S	1616.54	16.48	26.77	1600.06
OBG-14D	MW-14D	1616.04	Decommissioned		
OBG-15S	MW-15S	1620.79	19.69	59.33	1601.1
OBG-15D	MW-15D	1621.28	20.45	85.67	1600.83
OBG-15I	MW-15I	1621.29	98.01	216.4	1523.28
P-8		1557.65		18.61	1557.65
P-9		1554.18	19.91	33.89	1534.27
P-10		1561.46	11.62	26.71	1549.84
P-11		1571.43	24.87	34.11	1546.56

W FLOW GROUNDWATER PURGE/SAMPLING FIELD INFORMATION FORM

WSP

Site: EAL
Location: Corning, NY
Project Number: 3B2101342.026
Monitoring Well ID: RW 2084
Starting Water Level (ft-bmp): unk
Well Casing Diameter (in): 6"
Purge Start Time: 0958
Purging Device: outside Spigot
Pump Intake Setting: —
Well Screening Interval: —
As-Built Construction Well Depth (ft-bmp): unk
Sounded Well Depth: unk

Meter/Type/Serial #: Horiba U-52 # 28396
Meter Calibrated @: 0900 9/29/23
pH Calibration Check/Time: —
Sampling Date/Time: 9/29/23 1045
Sampler(s): W. Dolan, J. Hunsdon
Sampling Device: Well pump
Sampling Purge Rate: 1 gal/min
Sample Characteristics: Sulphur like odor, clear, colorless
PID Measurement of Well Headspace (ppm): 0 ppm
Analytical Parameters: Metals

Time	Temp (ºC)	pH (std)	Sp. Cond mS/cm	Turb (ntu)	DO (mg/L)	REDOX (mV)	DTW (ft-bmp)	Purged ~~(L)~~ G	Purge Rate (mL/min)	Comments
1000	13.58	4.81	0.483	0.0	7.12	-54	N/A	3		
1005	14.77	4.91	0.471	0.0	4.28	-84	N/A	8		
1010	12.76	5.52	0.477	0.0	2.79	-117	N/A	13		
1015	13.77	4.81	0.476	0.0	2.79	-73	N/A	18		
1020	13.29	4.72	0.483	0.0	3.75	-69	NIA	23		
1025	12.50	5.01	0.500	0.0	3.93	-81	N/A	28		
1030	12.85	4.56	0.503	0.0	4.20	-61	N/A	33		
1035	12.98	4.65	0.508	0.0	4.20	-60	N/A	38		
1040	12.83	4.71	0.520	0.0	4.30	-68	NIA	43		

Weather Conditions:
misting 64°F

Additional Comments:
Marked well head

LOW FLOW GROUNDWATER PURGE/SAMPLING FIELD INFORMATION FORM

Site: EAL
Location: Corning NY
Project Number: B2101342.026
Monitoring Well ID: ~~MW~~ RW 2047
Starting Water Level (ft-bmp): wk
Well Casing Diameter (in): 6"
Purge Start Time: 0918
Purging Device: outside spigot
Pump Intake Setting: —
Well Screening Interval: —
As-Built Construction Well Depth (ft-bmp): wk
Sounded Well Depth: wk

Meter/Type/Serial #: Horiba-U52 #47374
Meter Calibrated @: 0900 9/29/23
pH Calibration Check/Time: —
Sampling Date/Time: 1000 AM @ 9/29/23
Sampler(s): J. Homelin & W. Polar
Sampling Device: well Pump
Sampling Purge Rate: 1 gal/minute
Sample Characteristics: Clear, Colorless, Odorless
PID Measurement of Well Headspace (ppm): 0ppm
Analytical Parameters: Metals

Time	Temp (ºC)	pH (std)	Sp. Cond mS/cm	Turb (ntu)	DO (mg/L)	REDOX (mV)	DTW (ft-bmp)	Purged ~~mL~~ G	Purge Rate (mL/min)	Comments
0922	15.09	6.17	0.685	0.0	2.55	179	N/A	~~4~~ 4	3,000	1 gal/min
0927	12.81	6.63	0.566	0.0	2.25	109	N/A	9		
0932	12.59	6.75	0.546	0.0	2.02	93	N/A	14		
0937	12.17	6.77	0.534	0.0	1.58	88	N/A	19		
0942	11.91	6.81	0.523	0.0	2.43	80	N/A	24		
0947	11.67	6.79	0.530	0.0	1.79	74	N/A	29		
0952	11.55	6.78	0.526	0.0	1.93	74	N/A	34		
0957	11.51	6.78	0.524	0.0	1.74	74	N/A	39		

Weather Conditions:
Misting 64°F

Additional Comments:

LOW FLOW GROUNDWATER PURGE/SAMPLING FIELD INFORMATION FORM

Site: EAC
Location: Corning, NY
Project Number: B2101342.026
Monitoring Well ID: RW 2094
Starting Water Level (ft-bmp): UNK
Well Casing Diameter (in): 6"
Purge Start Time: 1010
Purging Device: outside spigot
Pump Intake Setting: —
Well Screening Interval: —
As-Built Construction Well Depth (ft-bmp): UNK
Sounded Well Depth: UNK

Meter/Type/Serial #: Horiba U52 #473774
Meter Calibrated @: 0900 9/29/23
pH Calibration Check/Time: —
Sampling Date/Time: 1045 @ 9/29/23
Sampler(s): J. Hamlin & W. Dolan
Sampling Device: well pump
Sampling Purge Rate: 1 gal/minute
Sample Characteristics: Clear, colorless, odorless
PID Measurement of Well Headspace (ppm): 0 ppm
Analytical Parameters: Metals

Time	Temp (ºC)	pH (std)	Sp. Cond mS/cm	Turb (ntu)	DO (mg/L)	REDOX (mV)	DTW (ft-bmp)	Purged (L)	Purge Rate (mL/min)	Comments
1015	16.29	6.72	1.56	29.5	1.95	-51	NA	5		
1020	15.97	6.99	1.56	0.0	2.87	-79	NA	10		
1025	15.50	7.08	1.55	0.0	2.63	-81	NA	15		
1030	15.05	7.12	1.56	0.0	2.49	-108	NA	20		
1035	15.03	7.14	1.56	0.0	2.36	-107	NA	25		
1040	15.06	7.12	1.56	0.0	2.42	-109	NA	30		

Weather Conditions: 64°F misting

Additional Comments:

LOW FLOW GROUNDWATER PURGE/SAMPLING FIELD INFORMATION FORM

Site: EAL
Location: Corning NY
Project Number: B210342.026
Monitoring Well ID: ~~MW-04~~ MW-45
Starting Water Level (ft-bmp): 3.29
Well Casing Diameter (in): 2"
Purge Start Time: 1347
Purging Device: Bladder Pump
Pump Intake Setting: 15'
Well Screening Interval: 8-18
As-Built Construction Well Depth (ft-bmp): unk
Sounded Well Depth: 20.04

Meter/Type/Serial #: Horiba U-52 #28396
Meter Calibrated @: 0800 @ 9/27/23
pH Calibration Check/Time: -
Sampling Date/Time: 9/27/23 @ 1435
Sampler(s): W. Dolan, J. Hommelm
Sampling Device: Bladder
Sampling Purge Rate: 100
Sample Characteristics: clear, colorless odorless
PID Measurement of Well Headspace (ppm): 0ppm
Analytical Parameters: metals

Time	Temp (ºC)	pH (std)	Sp. Cond mS/cm	Turb (ntu)	DO (mg/L)	REDOX (mV)	DTW (ft-bmp)	Purged (L)	Purge Rate (mL/min)	Comments
1349	16.52	6.22	0.611	99.1	4.82	-58	5.71	0	100	
1354	17.01	6.50	0.624	20.3	4.24	-51	4.01	0.5	100	
1359	17.27	6.54	0.630	~~80~~ 8.0	4.18	-68	4.54	1	100	
1404	17.30	6.55	0.632	w/ 4.2	2.39	-77	5.01	1.5	100	
1409	17.41	6.52	0.633	3.9	2.94	-80	5.33	2	100	
1414	17.71	6.65	0.635	2.6	3.30	-94	5.74	2.5	100	
1419	17.88	6.82	0.636	3.0	3.27	-110	6.04	3.0	100	
1424	18.04	6.71	0.635	2.7	3.21	-111	6.25	3.5	100	
1429	18.21	6.74	0.634	2.2	2.98	-117	6.45	4.0	100	←

Weather Conditions:
68°f Sunny

Additional Comments:

LOW FLOW GROUNDWATER PURGE/SAMPLING FIELD INFORMATION FORM

WSP

Site: EAL
Location: Corning, NY
Project Number: B2101342.026
Monitoring Well ID: MW-4D
Starting Water Level (ft-bmp): 9.14
Well Casing Diameter (in): 3"
Purge Start Time: 1347
Purging Device: Bladder Pump
Pump Intake Setting: 58'
Well Screening Interval: 40-60
As-Built Construction Well Depth (ft-bmp): UNK
Sounded Well Depth: 63.48

Meter/Type/Serial #: Horiba U-52 #47374
Meter Calibrated @: 0800 @ 9/27/23
pH Calibration Check/Time:
Sampling Date/Time: 9/27/23 @ 1425
Sampler(s): W. Dolan, J. Hamelin
Sampling Device: Bladder pump
Sampling Purge Rate: 100
Sample Characteristics: clear, colorless, odorless
PID Measurement of Well Headspace (ppm): 0ppm
Analytical Parameters: metals

Time	Temp (ºC)	pH (std)	Sp. Cond mS/cm	Turb (ntu)	DO (mg/L)	REDOX (mV)	DTW (ft-bmp)	Purged (L)	Purge Rate (mL/min)	Comments
1400	15.32	7.56	0.577	33.3	2.00	96	9.55	0	100	
1405	16.08	7.28	0.586	12.9	1.33	94	9.58	.5	100	
1410	16.24	7.23	0.586	7.6	1.32	92	9.73	1.0	100	
1415	16.41	7.19	0.585	5.4	1.37	88	9.78	1.5	100	
1420	16.47	7.18	0.584	5.3	1.31	86	9.84	2.0	100	

Weather Conditions: 68°F mostly cloudy

Additional Comments:

LOW FLOW GROUNDWATER PURGE/SAMPLING FIELD INFORMATION FORM

Site: EAL
Location: Corning NY
Project Number: B210342.026
Monitoring Well ID: MW-75
Starting Water Level (ft-bmp): 2.37
Well Casing Diameter (in): 2"
Purge Start Time: 1510
Purging Device: Bladder
Pump Intake Setting: 10'
Well Screening Interval: 5-15
As-Built Construction Well Depth (ft-bmp): unk
Sounded Well Depth: 17.33

Meter/Type/Serial #: Horiba u-52 # 47374
Meter Calibrated @: 0940
pH Calibration Check/Time: ~~1540~~ WD
Sampling Date/Time: 9/28/23 @ 1540
Sampler(s): W. Dolan, T. Hanes
Sampling Device: Bladder
Sampling Purge Rate: 50
Sample Characteristics: clear, colorless, odorless
PID Measurement of Well Headspace (ppm): 0ppm
Analytical Parameters: VOC, metals

Time	Temp (ºC)	pH (std)	Sp. Cond mS/cm	Turb (ntu)	DO (mg/L)	REDOX (mV)	DTW (ft-bmp)	Purged (L)	Purge Rate (mL/min)	Comments
1512	19.61	6.00	0.802	0.0	3.37	144	2.82	0	100	
1517	18.73	6.03	0.836	0.0	1.99	130	2.90	0.5	100	
1522	19.06	6.02	0.837	0.0	1.44	115	3.50	1	50	
1527	19.30	6.02	0.841	0.0	1.28	103	3.58	1.25	50	
1532	19.37	6.02	0.840	0.0	1.24	96	3.60	1.5	50	
1537	19.45	6.01	0.843	0.0	1.18	88	3.65	1.75	50	

Weather Conditions:
63°f, Sunny

Additional Comments:

LOW FLOW GROUNDWATER PURGE/SAMPLING FIELD INFORMATION FORM

Site: EAL
Location: Corning, NY
Project Number: B2101342026
Monitoring Well ID: MW-7D
Starting Water Level (ft-bmp): 17.20
Well Casing Diameter (in): 4
Purge Start Time: 1510
Purging Device: Bladder
Pump Intake Setting: 30'
Well Screening Interval: 24.5 - 34.5
As-Built Construction Well Depth (ft-bmp): unk
Sounded Well Depth: 36.32

Meter/Type/Serial #: Horiba U-52 # 2839
Meter Calibrated @: 0940 9/28/23
pH Calibration Check/Time: —
Sampling Date/Time: 9/28/23 15:35
Sampler(s): J. Hamelin & will Dolan
Sampling Device: Bladder Pump
Sampling Purge Rate: 100
Sample Characteristics: Clear, Colorless, odorless
PID Measurement of Well Headspace (ppm): 0ppm
Analytical Parameters: Metals, VOC

Time	Temp (ºC)	pH (std)	Sp. Cond mS/cm	Turb (ntu)	DO (mg/L)	REDOX (mV)	DTW (ft-bmp)	Purged (L)	Purge Rate (mL/min)	Comments
1515	14.08	9.22	0.685	0.0	4.96	-16	17.34	0	100	
1520	13.61	8.88	0.704	0.0	3.97	5	17.55	0.5	100	
1525	13.71	8.72	0.714	0.0	3.79	15	17.72	1.0	100	
1530	13.53	8.71	0.717	0.0	3.72	17	18.27	1.5	100	
1535	13.40	8.69	0.719	0.0	3.65	20	18.49	2.0	100	

Weather Conditions:
70°F Smny

Additional Comments:

LOW FLOW GROUNDWATER PURGE/SAMPLING FIELD INFORMATION FORM

WSP

Site: EAL
Location: Corning, NY
Project Number: 6210342.026
Monitoring Well ID: MW-105
Starting Water Level (ft-bmp): 9.51
Well Casing Diameter (in): 2
Purge Start Time: 0900
Purging Device: Bladder Pump
Pump Intake Setting: 15'
Well Screening Interval: 5-15
As-Built Construction Well Depth (ft-bmp): UNK
Sounded Well Depth: 19.93

Meter/Type/Serial #: Horiba U-52 # 2896
Meter Calibrated @: 0800 9/27/23
pH Calibration Check/Time: —
Sampling Date/Time: 1040 9/27/23
Sampler(s): Will Dolan & Josh Hamelin
Sampling Device: Bladder Pump
Sampling Purge Rate: 100 mL/min
Sample Characteristics: Cloudy; brownish color, Odorless
PID Measurement of Well Headspace (ppm): 0.0
Analytical Parameters: Metals

Time	Temp (ºC)	pH (std)	Sp. Cond mS/cm	Turb (ntu)	DO (mg/L)	REDOX (mV)	DTW (ft-bmp)	Purged (L)	Purge Rate (mL/min)	Comments
910	14.25	5.24	0.365	471	3.05	252	10.20	0	100	
915	14.37	5.94	0.354	494	2.10	213	10.68	0.5	100	
920	14.43	6.32	0.350	516	1.84	191	10.88	1.0	100	
925	14.49	6.66	0.345	479	1.73	171	11.01	1.5	100	
930	14.49	6.85	0.343	472	1.63	160	11.09	2.0	100	
935	14.52	6.95	0.341	477	1.5	152	11.28	2.5	100	
940	14.44	6.95	0.320	450	2.74	151	11.44	3.0	100	
945	14.62	6.72	0.312	387	1.93	155	11.62	3.5	100	
950	14.78	6.55	0.298	302	2.10	160	11.78	4.0	100	
955	14.84	6.65	0.284	162	2.52	153	12.40	4.5	100	
1000	15.07	6.91	0.282	119	3.01	146	1240	5.0	100	
1005	15.16	7.00	0.282	97.1	3.05	135	12.41	5.5	100	
1010	15.22	7.03	0.280	75.2	3.01	133	12.46	6.0	100	
1015	15.16	6.98	0.272	50.7	2.63	133	12.67	6.5	100	

Weather Conditions:
64°F mostly cloudy

Additional Comments:

LOW FLOW GROUNDWATER PURGE/SAMPLING FIELD INFORMATION FORM

Site: EAL
Location: Corning, NY
Project Number: B210342.02C
Monitoring Well ID: MW-10S
Starting Water Level (ft-bmp):
Well Casing Diameter (in):
Purge Start Time:
Purging Device: See pg 1 WD
Pump Intake Setting:
Well Screening Interval:
As-Built Construction Well Depth (ft-bmp):
Sounded Well Depth:

Meter/Type/Serial #:
Meter Calibrated @:
pH Calibration Check/Time:
Sampling Date/Time: See pg 1 WD
Sampler(s):
Sampling Device:
Sampling Purge Rate:
Sample Characteristics:
PID Measurement of Well Headspace (ppm):
Analytical Parameters:

Time	Temp (ºC)	pH (std)	Sp. Cond mS/cm	Turb (ntu)	DO (mg/L)	REDOX (mV)	DTW (ft-bmp)	Purged (L)	Purge Rate (mL/min)	Comments
1020	15.28	6.95	0.268	39.2	2.18	132	12.79	7.0	100	
1025	15.78	6.41	0.265	37.4	1.73	160	12.73	7.5	100	
1030	16.19	6.43	0.264	34.2	1.61	160	12.66	8.0	100	
1035	16.49	6.31	0.263	33.5	1.54	166	12.62	8.5	100	

Weather Conditions:
~~See~~ WD
See pg. 1

Additional Comments:

LOW FLOW GROUNDWATER PURGE/SAMPLING FIELD INFORMATION FORM

Site: EAL
Location: Corning, NY
Project Number: B2109342.026
Monitoring Well ID: MW-10D
Starting Water Level (ft-bmp): 39.25
Well Casing Diameter (in): 2"
Purge Start Time: 0902
Purging Device: Bladder
Pump Intake Setting: 110'
Well Screening Interval: 48.5-58.5 ?
As-Built Construction Well Depth (ft-bmp): unk
Sounded Well Depth: 115.26

Meter/Type/Serial #: U-52 32927
Meter Calibrated @: 0800 9/27/23
pH Calibration Check/Time: ~~9/27/23 @~~ WD
Sampling Date/Time: 9/27/23 @ 1120
Sampler(s): W. Dolan, J. Hamelin
Sampling Device: Bladder
Sampling Purge Rate: 100
Sample Characteristics: Slight cloudy, slight Brown color, odorless
PID Measurement of Well Headspace (ppm): 0ppm
Analytical Parameters: Total metals / dissolved metals

Time	Temp (ºC)	pH (std)	Sp. Cond mS/cm	Turb (ntu)	DO (mg/L)	REDOX (mV)	DTW (ft-bmp)	Purged (L)	Purge Rate (mL/min)	Comments
1012	16.54	6.19	0.670	98.0	2.97	112	38.90	0	100	cloudy / small black particles
1017	14.54	6.99	0.764	58.1	1.69	-90	38.97	0.500	100	
1022	15.26	7.14	0.769	58.6	0.99	-117	39.02	1.0	100	
1027	15.61	7.23	0.768	55.2	0.77	-131	39.02	1.5	100	
1032	15.37	7.27	0.773	49.2	0.71	-136	31.08	2.0	100	
1037	15.20	7.30	0.763	66.2	0.68	-140	39.11	2.5	100	
1042	15.40	7.35	0.751	69.2	0.64	-142	39.15	3.0	100	
1047	15.50	7.39	0.733	71.5	0.60	-144	39.19	3.5	100	
1052	15.55	7.40	0.724	71.6	0.60	-144	39.21	4.0	100	
1057	15.29	7.41	0.704	77.1	0.51	-144	39.20	4.5	100	
1102	15.37	7.44	0.701	73.4	0.59	-145	39.25	5.0	100	
1107	15.41	7.47	0.691	68.7	0.58	-144	39.28	5.5	100	
1112	15.56	7.46	0.680	63.0	0.57	-143	39.29	6.0	100	Sample Collected

Weather Conditions:
68°F mostly cloudy

Additional Comments: no water for 30 mins, checked Bladder pump / fixed water / Air line
* filtered Sample collected

LOW FLOW GROUNDWATER PURGE/SAMPLING FIELD INFORMATION FORM

Site: EAL
Location: Corning NY
Project Number: B2101342.026
Monitoring Well ID: MW-11S
Starting Water Level (ft-bmp): 35.40
Well Casing Diameter (in): 2"
Purge Start Time: 1531
Purging Device: Bladder Pump
Pump Intake Setting: ~~70~~ 67'
Well Screening Interval: 62.1 - 72.1
As-Built Construction Well Depth (ft-bmp): unk
Sounded Well Depth: 75.31

Meter/Type/Serial #: Horiba U-52 H28396
Meter Calibrated @: 0800 9/27/23
pH Calibration Check/Time: —
Sampling Date/Time: 9/27/23 @ 1640
Sampler(s): W. Dolan, J. Hamelin
Sampling Device: Bladder Pump
Sampling Purge Rate: 100
Sample Characteristics: clear colorless odorless.
PID Measurement of Well Headspace (ppm): 0ppm
Analytical Parameters: metal

Time	Temp (ºC)	pH (std)	Sp. Cond mS/cm	Turb (ntu)	DO (mg/L)	REDOX (mV)	DTW (ft-bmp)	Purged (L)	Purge Rate (mL/min)	Comments
1535	15.87	6.51	0.340	4.0	6.11	71	36.29	0	100	
1540	14.59	7.10	0.409	0.3	2.39	-149	36.61	0.5	100	
1545	14.21	7.87	0.447	0.0	1.46	-181	37.40	1.0	100	
1550	13.91	6.88	0.461	0.0	1.20	-191	37.98	1.5	100	
1555	13.64	7.41	0.456	0.8	1.09	-220	38.40	2.0	100	
1600	13.65	7.61	0.449	1.3	1.16	-218	39.18	2.5	100	
1605	13.55	8.07	0.429	1.1	1.27	-184	39.52	3.0	100	
1610	13.45	8.43	0.409	1.7	1.40	-164	39.98	3.5	100	
1615	13.30	8.87	0.382	2.5	1.86	-153	40.53	4.0	100	
1620	13.20	9.15	0.365	3.2	2.88	-152	40.91	4.5	100	
1625	13.13	9.35	0.351	3.8	2.80	-150	41.38	5.0	100	
1630	13.04	9.36	0.348	3.2	3.03	-150	41.87	5.5	100	
1635	12.94	9.37	0.348	2.8	3.11	-152	42.16	6.0	100	

Weather Conditions:
68°F mostly cloudy

Additional Comments:

LOW FLOW GROUNDWATER PURGE/SAMPLING FIELD INFORMATION FORM

Site: EAL
Location: Corning NY
Project Number: B2101342.026
Monitoring Well ID: MW-11D
Starting Water Level (ft-bmp): 38.96
Well Casing Diameter (in): 2"
Purge Start Time: 1531
Purging Device: Bladder
Pump Intake Setting: 83'
Well Screening Interval: 76-96
As-Built Construction Well Depth (ft-bmp): unk
Sounded Well Depth: 99.72

Meter/Type/Serial #: Horiba U-52 #47374
Meter Calibrated @: 0800 9/27/23
pH Calibration Check/Time: —
Sampling Date/Time: 9/27/23 @ 1555
Sampler(s): W. Dolan & J. Hamlin
Sampling Device: Bladder Pump
Sampling Purge Rate: 100
Sample Characteristics: clear, colorless, odorless
PID Measurement of Well Headspace (ppm): 0ppm
Analytical Parameters: Metals

Time	Temp (ºC)	pH (std)	Sp. Cond mS/cm	Turb (ntu)	DO (mg/L)	REDOX (mV)	DTW (ft-bmp)	Purged (L)	Purge Rate (mL/min)	Comments
1535	13.69	10.32	0.522	7.9	6.30	0	39.38	0	100	
1540	11.91	11.15	0.601	0.0	5.64	-17	39.64	0.5	100	
1545	11.60	11.33	0.611	0.0	5.27	-24	39.83	1.0	100	
1550	11.38	11.43	0.612	0.0	5.08	-29	40.14	1.5	100	

Weather Conditions: 68°F mostly cloudy

Additional Comments:

LOW FLOW GROUNDWATER PURGE/SAMPLING FIELD INFORMATION FORM

Site: EAL
Location: Corning, NY
Project Number: B2101342.026
Monitoring Well ID: MW-12S
Starting Water Level (ft-bmp): 20.30
Well Casing Diameter (in): 2
Purge Start Time: 1046
Purging Device: Bladder
Pump Intake Setting: 37'
Well Screening Interval: 32-42
As-Built Construction Well Depth (ft-bmp): NWK
Sounded Well Depth: 38.48

Meter/Type/Serial #: Horiba #29396
Meter Calibrated @: ~~0940 9/28/23~~ 9/29/23 ms
pH Calibration Check/Time: 9/28/23 @ 0940
Sampling Date/Time: 9/29/23
Sampler(s): J. Hamelin & W. Dolan
Sampling Device: Bladder Pump
Sampling Purge Rate: 100
Sample Characteristics: Clear, colorless, odorless
PID Measurement of Well Headspace (ppm): 0ppm
Analytical Parameters: Metals

Time	Temp (ºC)	pH (std)	Sp. Cond mS/cm	Turb (ntu)	DO (mg/L)	REDOX (mV)	DTW (ft-bmp)	Purged (L)	Purge Rate (mL/min)	Comments
1050	11.92	6.24	0.441	0.0	2.30	170	21.64	0	100	
1055	12.03	6.89	0.427	0.0	2.03	148	21.94	0.5	100	
1100	12.14	7.20	0.421	0.0	2.15	140	22.26	1.0	100	
1105	12.17	7.32	0.418	0.0	2.14	137	22.65	1.5	100	
1110	12.28	7.44	0.414	0.0	2.21	133	22.80	2.0	100	
1115	12.32	7.45	0.411	0.0	2.29	133	22.93	2.5	100	
1120	12.33	7.41	0.410	0.0	2.15	136	23.10	3.0	100	

Weather Conditions:
70°F Sunny

Additional Comments:

LOW FLOW GROUNDWATER PURGE/SAMPLING FIELD INFORMATION FORM

Site: EAL
Location: Corning
Project Number: B2103142.026
Monitoring Well ID: MW-12D
Starting Water Level (ft-bmp): 32.09
Well Casing Diameter (in): 2
Purge Start Time: 1046
Purging Device: Bladder
Pump Intake Setting: ~~WD~~ HS 125
Well Screening Interval: 105-145.5'
As-Built Construction Well Depth (ft-bmp): unk
Sounded Well Depth: 150.45

Meter/Type/Serial #: Horiba U-52 47374
Meter Calibrated @: 0940 @ 9/28/23
pH Calibration Check/Time: —
Sampling Date/Time: 9/28/23 @ 1145
Sampler(s): W. Dolan, T. Hanelin
Sampling Device: Bladder
Sampling Purge Rate: 100
Sample Characteristics: Clear Colorless, Odorless
PID Measurement of Well Headspace (ppm): 0ppm
Analytical Parameters: Metals

Time	Temp (ºC)	pH (std)	Sp. Cond mS/cm	Turb (ntu)	DO (mg/L)	REDOX (mV)	DTW (ft-bmp)	Purged (L)	Purge Rate (mL/min)	Comments
1103	13.09	6.20	0.535	0.0	3.58	0	32.14	0	100	
1107	12.47	6.55	0.516	0.0	3.11	-24	32.11	0.5	100	
1113	12.27	6.77	0.505	0.0	2.54	-40	32.19	1	100	
1118	11.92	6.95	0.500	0.0	1.85	-54	32.12	1.5	100	
1123	11.88	7.01	0.494	0.0	1.64	-62	32.19	2.0	100	
1128	11.83	7.09	0.494	0.0	1.43	-72	32.14	2.5	100	
1133	11.72	7.11	0.494	0.0	1.37	-76	32.19	3.0	100	
1138	11.84	7.14	0.493	0.0	1.37	-81	32.18	3.5	00	

Weather Conditions:
60°F Sunny

Additional Comments:

LOW FLOW GROUNDWATER PURGE/SAMPLING FIELD INFORMATION FORM

Site: EAL
Location: B2101342.026
Project Number: B2101342.026
Monitoring Well ID: MW-13S
Starting Water Level (ft-bmp): 4.81
Well Casing Diameter (in): 2
Purge Start Time: 1331
Purging Device: Bladder
Pump Intake Setting: 10'
Well Screening Interval: 3.7 - 13.7
As-Built Construction Well Depth (ft-bmp): unk
Sounded Well Depth: 15.61

Meter/Type/Serial #: Horiba WS2-# 47874
Meter Calibrated @: 0940 @ 9/28/23
pH Calibration Check/Time: ←
Sampling Date/Time: 9/28/23 @ 1410
Sampler(s): W. Dolan, J. Swanson
Sampling Device: Bladder
Sampling Purge Rate: 100
Sample Characteristics: Clear colorless odorless
PID Measurement of Well Headspace (ppm): 0ppm
Analytical Parameters: VOCs, metals

Time	Temp (ºC)	pH (std)	Sp. Cond mS/cm	Turb (ntu)	DO (mg/L)	REDOX (mV)	DTW (ft-bmp)	Purged (L)	Purge Rate (mL/min)	Comments
1336	18.49	6.56	0.165	0.0	3.47	104	5.48	0	100	
1341	17.86	6.99	0.175	0.0	1.85	111	5.52	0.5	100	
1346	17.74	5.82	0.172	0.0	1.46	116	5.49	1	100	
1351	17.53	5.75	0.170	0.0	1.10	116	5.51	1.5	100	
1356	17.32	5.71	0.168	0.0	0.95	114	5.50	2.0	100	
1401	17.26	5.68	0.167	0.0	0.87	112	5.50	2.5	100	
1406	17.14	5.67	0.165	0.0	0.88	111	5.50	3.0	100	

Weather Conditions:
63°f Sunny

Additional Comments:

LOW FLOW GROUNDWATER PURGE/SAMPLING FIELD INFORMATION FORM

Site: EAL
Location: Corning, NY
Project Number: B210342.026
Monitoring Well ID: MW-13D
Starting Water Level (ft-bmp): 16.20
Well Casing Diameter (in): 2"
Purge Start Time: 13:30
Purging Device: Bladder
Pump Intake Setting: 24'
Well Screening Interval: 18-28
As-Built Construction Well Depth (ft-bmp): mk
Sounded Well Depth: 30.12

Meter/Type/Serial #: Horiba #28396
Meter Calibrated @: 0940 9/28/23
pH Calibration Check/Time:
Sampling Date/Time: 9/28/23 @ 1405
Sampler(s): J. Hamelin & W. Bolan
Sampling Device: Bladder Pump
Sampling Purge Rate: 100
Sample Characteristics: clear, colorless, odorless
PID Measurement of Well Headspace (ppm): 0ppm
Analytical Parameters: VOC, metals, MSD, MS

Time	Temp (ºC)	pH (std)	Sp. Cond mS/cm	Turb (ntu)	DO (mg/L)	REDOX (mV)	DTW (ft-bmp)	Purged (L)	Purge Rate (mL/min)	Comments
1335	15.00	12.73	1.94	0.0	8.59	-100	17.61	0	100	
1340	14.82	13.01	2.01	0.0	7.81	-140	18.10	0.5	100	
1345	14.45	13.18	2.07	0.0	7.67	-161	18.73	1.0	100	
1350	14.27	13.28	2.10	0.0	7.65	-171	19.45	1.5	100	
1355	13.93	13.35	2.12	0.0	7.69	-177	20.70	2.0	100	

Weather Conditions:

Additional Comments:

LOW FLOW GROUNDWATER PURGE/SAMPLING FIELD INFORMATION FORM

Site: EAL
Location: Corning NY
Project Number: B210342.026
Monitoring Well ID: MW-14S
Starting Water Level (ft-bmp): 16.58
Well Casing Diameter (in): 2
Purge Start Time: 1417
Purging Device: Bladder pump
Pump Intake Setting: 21'
Well Screening Interval: unk
As-Built Construction Well Depth (ft-bmp): unk
Sounded Well Depth: 26.77

Meter/Type/Serial #: Horiba U52-47374
Meter Calibrated @: 0950 9/26/23
pH Calibration Check/Time: —
Sampling Date/Time: 09/26/23 @ 1455
Sampler(s): W. Dolan, J. Hamelin
Sampling Device: Bladder
Sampling Purge Rate: 100mL
Sample Characteristics: clear, colorless, odorless
PID Measurement of Well Headspace (ppm): 0ppm
Analytical Parameters: Metals

Time	Temp (ºC)	pH (std)	Sp. Cond mS/cm	Turb (ntu)	DO (mg/L)	REDOX (mV)	DTW (ft-bmp)	Purged (L)	Purge Rate (mL/min)	Comments
1427	13.86	6.39	0.113	40.9	3.31	102	17.19	~~700~~ 0	100	
1432	13.38	5.85	0.108	13.8	2.03	109	17.42	0.5	100	
1437	13.18	5.75	0.107	4.7	1.74	114	17.58	1.0	100	
1442	13.01	5.71	0.106	0.7	1.62	121	17.77	1.5	100	
1447	12.93	5.69	0.106	0.7	1.64	128	17.90	2.0	100	End Purge Collect Sample

Weather Conditions:
60°F Partly cloudy

Additional Comments:

LOW FLOW GROUNDWATER PURGE/SAMPLING FIELD INFORMATION FORM

Site: EAL
Location: ~~MW-155~~ Corning NY
Project Number: B2101342.026
Monitoring Well ID: MW-155
Starting Water Level (ft-bmp): 18.71
Well Casing Diameter (in): 2"
Purge Start Time: 1100
Purging Device: Bladder pump
Pump Intake Setting: 52
Well Screening Interval: 47-57
As-Built Construction Well Depth (ft-bmp): unk
Sounded Well Depth: 59.33

Meter/Type/Serial #: Horiba U52 # 28396
Meter Calibrated @: 9:50 AM / 9/26/23
pH Calibration Check/Time: 9/26/23
Sampling Date/Time: 9/26/23 @ 1200
Sampler(s): W. Dolan / J. Hamelin
Sampling Device: Bladder pump
Sampling Purge Rate: 100 mL/min
Sample Characteristics: clear, colorless, odorless
PID Measurement of Well Headspace (ppm): 0ppm
Analytical Parameters: metals

Time	Temp (ºC)	pH (std)	Sp. Cond mS/cm	Turb (ntu)	DO (mg/L)	REDOX (mV)	DTW (ft-bmp)	Purged (L)	Purge Rate (mL/min)	Comments
1118	11.75	11.87	0.669	1.7	4.09	6	20.30	0	100	
1123	11.89	11.97	0.648	0.9	3.87	-22	21.18	.5	100	
1128	11.92	11.98	0.632	0.2	4.11	-39	21.70	1	100	
1131	11.92	11.96	0.600	0.0	4.44	-46	22.20	1.5	100	
1136	11.89	12.89	0.573	0.0	4.79	-98	22.71	2	100	
1141	11.88	12.98	0.555	0.0	5.05	-99	23.00	2.5	100	
1146	11.84	12.93	0.536	0.0	5.40	-97	23.46	3.0	100	
1151	11.85	12.95	0.512	0.0	5.58	-97	24.11	3.5	100	

Weather Conditions:
60°F Partly Cloudy

Additional Comments:

LOW FLOW GROUNDWATER PURGE/SAMPLING FIELD INFORMATION FORM

Site: EAL
Location: Corning NY
Project Number: B2101342.026
Monitoring Well ID: MW-15 I
Starting Water Level (ft-bmp): 19.16
Well Casing Diameter (in): 2"
Purge Start Time: 1120
Purging Device: Bladder
Pump Intake Setting: 80.'
Well Screening Interval: 63-83
As-Built Construction Well Depth (ft-bmp): unk
Sounded Well Depth: 85.67

Meter/Type/Serial #: Horiba U52 47374
Meter Calibrated @: 0950 9/26/23
pH Calibration Check/Time: —
Sampling Date/Time: 9/26/23 @ 1230
Sampler(s): W. Dolan J. Hamelin
Sampling Device: Bladder pump
Sampling Purge Rate: 100 ml/min
Sample Characteristics: clear, colorless, odorless
PID Measurement of Well Headspace (ppm): 0ppm
Analytical Parameters: metals

Time	Temp (ºC)	pH (std)	Sp. Cond mS/cm	Turb (ntu)	DO (mg/L)	ORP REDOX (mV)	DTW (ft-bmp)	Purged (L)	Purge Rate (mL/min)	Comments
1128	12.01	7.06	0.403	346	4.66	96	20.11	0	100	cloudy
1133	11.41	7.36	0.462	331	2.48	-16	20.76	0.5	100	
1138	11.09	7.39	0.482	207	1.60	-42	21.64	1.0	100	
1143	10.99	7.41	0.483	135	1.30	-43	21.86	1.5	100	
1148	10.92	7.42	0.485	82.9	1.19	-44	22.22	2.0	100	water clearing up
1153	10.92	7.42	0.487	38.0	1.14	-93	22.46	2.5	100	
1158	11.08	7.41	0.486	29.0	1.13	-96	22.61	3.0	100	
1203	11.10	7.44	0.488	22.8	1.13	-99	22.70	3.5	100	
1208	11.09	7.42	0.489	17.4	1.13	-99	22.81	4.0	100	
1213	11.03	7.44	0.491	19.7	1.11	-102	22.99	4.5	100	
1218	11.00	7.45	0.492	19.5	1.09	-103	23.04	5.0	100	
1223	10.93	7.45	0.489	20.5	1.05	-103	23.16	5.5	100	collect sample

Weather Conditions:
60°f Partly Cloudy

Additional Comments:

LOW FLOW GROUNDWATER PURGE/SAMPLING FIELD INFORMATION FORM

Site: EAL
Location: Corning, NY
Project Number: B2101342.026
Monitoring Well ID: MW-15D
Starting Water Level (ft-bmp): 97.02
Well Casing Diameter (in): 2
Purge Start Time: 1415
Purging Device: Bailer
Pump Intake Setting: ~100'
Well Screening Interval: 182-212.5
As-Built Construction Well Depth (ft-bmp): unk
Sounded Well Depth: 216.40

Meter/Type/Serial #: Horiba U-52 # 2B396
Meter Calibrated @: 0950 9/26/23
pH Calibration Check/Time: —
Sampling Date/Time: 9/26/23 1550
Sampler(s): W. Dolan, J. Hamelin
Sampling Device: Bailer
Sampling Purge Rate: —
Sample Characteristics: clear, odorless, odorless
PID Measurement of Well Headspace (ppm): 0ppm
Analytical Parameters: Metals

Time	Temp (ºC)	pH (std)	Sp. Cond mS/cm	Turb (ntu)	DO (mg/L)	REDOX (mV)	DTW (ft-bmp)	Purged (L)	Purge Rate (mL/min)	Comments
1415	14.66	11.14	0.066	18.9	9.51	-8	97.42	0	~~3L~~ 1L WD	
1430	14.35	10.74	0.001	4.2	2.94	-11	97.71	1		
1440	12.36	11.93	0.993	9.5	3.29	-52	98.07	2		
1445	13.09	11.51	0.430	9.3	4.96	-47	98.33	3		
1455	11.42	12.59	0.984	12.5	5.41	-72	98.60	4		
1510	12.52	12.59	0.929	13.7	5.25	-85	98.68	5		
1520	12.62	12.01	0.941	11.9	4.58	-69	98.72	6		
1534	11.87	11.97	0.702	10.4	4.75	-64	98.97	7		

Weather Conditions: 64°F mostly cloudy

Additional Comments: Blockage at ~100' unable to use Bladder pump
1550 - WSP called Craig Anderson and agreed to proceed w/ Sampling

APPENDIX

C

Laboratory Analysis Reports

ANALYTICAL REPORT

Lab Number:	L2357547
Client:	WSP 40 La Riviere Drive Suite 320 Buffalo, NY 14202
ATTN:	Mark Saunders
Phone:	(716) 204-5880
Project Name:	CORNING EDWARD ALLEN LANDFILL
Project Number:	B2101342.026.01.EXP
Report Date:	10/13/23

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357547
Report Date: 10/13/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2357547-01	MW-4S	WATER	Not Specified	09/27/23 14:35	09/29/23
L2357547-02	MW-4D	WATER	Not Specified	09/27/23 14:25	09/29/23
L2357547-03	MW-7S	WATER	Not Specified	09/28/23 15:40	09/29/23
L2357547-04	MW-7D	WATER	Not Specified	09/28/23 15:35	09/29/23
L2357547-05	MW-10S	WATER	Not Specified	09/27/23 10:40	09/29/23
L2357547-06	MW-10D	WATER	Not Specified	09/27/23 11:20	09/29/23
L2357547-07	MW-11S	WATER	Not Specified	09/27/23 16:40	09/29/23
L2357547-08	MW-11D	WATER	Not Specified	09/27/23 15:55	09/29/23
L2357547-09	MW-12S	WATER	Not Specified	09/28/23 11:25	09/29/23
L2357547-10	MW-12D	WATER	Not Specified	09/28/23 11:45	09/29/23
L2357547-11	MW-13S	WATER	Not Specified	09/28/23 14:10	09/29/23
L2357547-12	MW-13D	WATER	Not Specified	09/28/23 14:05	09/29/23
L2357547-13	MW-14S	WATER	Not Specified	09/26/23 14:55	09/29/23
L2357547-14	MW-15S	WATER	Not Specified	09/26/23 12:00	09/29/23
L2357547-15	MW-15I	WATER	Not Specified	09/26/23 12:30	09/29/23
L2357547-16	MW-15D	WATER	Not Specified	09/26/23 15:50	09/29/23
L2357547-17	RB	WATER	Not Specified	09/28/23 16:10	09/29/23
L2357547-18	TB	WATER	Not Specified	09/28/23 00:00	09/29/23
L2357547-19	MW-10D	WATER	Not Specified	09/27/23 11:20	09/29/23

Project Name:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357547
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/13/23

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 Alpha 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, solids and tissues are reported on a dry 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, Alpha'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 Alpha Project Manager and made arrangements for Alpha 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:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357547
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/13/23

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.

Sample Receipt

L2357547-19: A sample identified as "MW-10D" was received, but not listed on the Chain of Custody. At the client's request, this sample was analyzed for Dissolved Metals.

The Total Metals analyses performed were specified by the client.

Total Metals

The WG1834913-3/-4 MS/MSD recoveries for calcium (0%/0%), performed on L2357547-12, do not apply because the sample concentration is greater than four times the spike amount added.

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: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative

Date: 10/13/23

ORGANICS

VOLATILES

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-03 Date Collected: 09/28/23 15:40
Client ID: MW-7S Date Received: 09/29/23
Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/10/23 02:17
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	0.89	J	ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	0.20	J	ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.10	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	2.4		ug/l	0.50	0.18	1

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-03 Date Collected: 09/28/23 15:40

Client ID: MW-7S Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-03 Date Collected: 09/28/23 15:40

Client ID: MW-7S Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	129		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	115		70-130

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-04
Client ID: MW-7D
Sample Location: Not Specified

Date Collected: 09/28/23 15:35
Date Received: 09/29/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/10/23 02:42
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	1.2	J	ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	0.48	J	ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	5.5		ug/l	0.50	0.18	1

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-04 Date Collected: 09/28/23 15:35

Client ID: MW-7D Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	0.71	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	0.71	J	ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-04 Date Collected: 09/28/23 15:35

Client ID: MW-7D Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	115		70-130

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-11
Client ID: MW-13S
Sample Location: Not Specified

Date Collected: 09/28/23 14:10
Date Received: 09/29/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/10/23 03:07
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.22	J	ug/l	0.50	0.18	1

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-11 Date Collected: 09/28/23 14:10

Client ID: MW-13S Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-11 Date Collected: 09/28/23 14:10

Client ID: MW-13S Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	129		70-130

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-12
Client ID: MW-13D
Sample Location: Not Specified

Date Collected: 09/28/23 14:05
Date Received: 09/29/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/10/23 03:33
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-12 Date Collected: 09/28/23 14:05

Client ID: MW-13D Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	7.8		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-12 Date Collected: 09/28/23 14:05

Client ID: MW-13D Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	116		70-130

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-17
Client ID: RB
Sample Location: Not Specified

Date Collected: 09/28/23 16:10
Date Received: 09/29/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/10/23 03:58
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-17 Date Collected: 09/28/23 16:10

Client ID: RB Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-17 Date Collected: 09/28/23 16:10

Client ID: RB Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	116		70-130

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-18
Client ID: TB
Sample Location: Not Specified

Date Collected: 09/28/23 00:00
Date Received: 09/29/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/12/23 09:28
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-18 Date Collected: 09/28/23 00:00

Client ID: TB Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-18 Date Collected: 09/28/23 00:00

Client ID: TB Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	103		70-130

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/09/23 21:29
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-04,11-12,17 Batch: WG1837830-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/09/23 21:29
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-04,11-12,17 Batch: WG1837830-5					
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/09/23 21:29
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-04,11-12,17 Batch: WG1837830-5					
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	107		70-130

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/12/23 08:14
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 18 Batch: WG1839373-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/12/23 08:14
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 18 Batch: WG1839373-5					
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/12/23 08:14
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 18 Batch: WG1839373-5					
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL

Project Number: B2101342.026.01.EXP

Lab Number: L2357547

Report Date: 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04,11-12,17 Batch: WG1837830-3 WG1837830-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	110		110		63-130	0		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	86		85		62-150	1		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	110		110		67-130	0		20
trans-1,3-Dichloropropene	110		110		70-130	0		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
Bromoform	95		98		54-136	3		20
1,1,2,2-Tetrachloroethane	120		120		67-130	0		20
Benzene	110		110		70-130	0		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	120		120		64-130	0		20
Bromomethane	**34**	Q	**38**	Q	39-139	11		20
Vinyl chloride	100		99		55-140	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL

Project Number: B2101342.026.01.EXP

Lab Number: L2357547

Report Date: 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04,11-12,17 Batch: WG1837830-3 WG1837830-4								
Chloroethane	89		87		55-138	2		20
1,1-Dichloroethene	84		82		61-145	2		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	96		94		70-130	2		20
1,2-Dichlorobenzene	110		110		70-130	0		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	110		110		70-130	0		20
Methyl tert butyl ether	91		93		63-130	2		20
p/m-Xylene	115		110		70-130	4		20
o-Xylene	110		110		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	110		110		70-130	0		20
Dichlorodifluoromethane	120		110		36-147	9		20
Acetone	110		110		58-148	0		20
Carbon disulfide	85		84		51-130	1		20
2-Butanone	110		110		63-138	0		20
4-Methyl-2-pentanone	100		110		59-130	10		20
2-Hexanone	110		110		57-130	0		20
Bromochloromethane	100		100		70-130	0		20
1,2-Dibromoethane	100		110		70-130	10		20
n-Butylbenzene	120		110		53-136	9		20
sec-Butylbenzene	120		120		70-130	0		20
tert-Butylbenzene	120		120		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357547
Report Date: 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04,11-12,17 Batch: WG1837830-3 WG1837830-4								
1,2-Dibromo-3-chloropropane	110		100		41-144	10		20
Isopropylbenzene	120		120		70-130	0		20
p-Isopropyltoluene	120		120		70-130	0		20
Naphthalene	94		97		70-130	3		20
n-Propylbenzene	120		120		69-130	0		20
1,2,3-Trichlorobenzene	94		96		70-130	2		20
1,2,4-Trichlorobenzene	94		93		70-130	1		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	110		110		70-130	0		20
Methyl Acetate	120		120		70-130	0		20
Cyclohexane	120		120		70-130	0		20
1,4-Dioxane	130		134		56-162	3		20
Freon-113	83		82		70-130	1		20
Methyl cyclohexane	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	114		113		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	110		106		70-130
Dibromofluoromethane	96		97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL

Project Number: B2101342.026.01.EXP

Lab Number: L2357547

Report Date: 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 18 Batch: WG1839373-3 WG1839373-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	96		97		63-132	1		20
1,2-Dichloropropane	100		110		70-130	10		20
Dibromochloromethane	89		87		63-130	2		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	100		98		75-130	2		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	93		95		67-130	2		20
trans-1,3-Dichloropropene	92		93		70-130	1		20
cis-1,3-Dichloropropene	94		93		70-130	1		20
Bromoform	82		83		54-136	1		20
1,1,2,2-Tetrachloroethane	99		97		67-130	2		20
Benzene	100		94		70-130	6		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	110		100		64-130	10		20
Bromomethane	79		74		39-139	7		20
Vinyl chloride	110		100		55-140	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL

Project Number: B2101342.026.01.EXP

Lab Number: L2357547

Report Date: 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 18 Batch: WG1839373-3 WG1839373-4								
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	100		99		70-130	1		20
1,2-Dichlorobenzene	100		99		70-130	1		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		99		70-130	1		20
Methyl tert butyl ether	91		95		63-130	4		20
p/m-Xylene	105		100		70-130	5		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	100		95		70-130	5		20
Dichlorodifluoromethane	91		89		36-147	2		20
Acetone	98		100		58-148	2		20
Carbon disulfide	100		97		51-130	3		20
2-Butanone	92		97		63-138	5		20
4-Methyl-2-pentanone	89		91		59-130	2		20
2-Hexanone	86		95		57-130	10		20
Bromochloromethane	97		94		70-130	3		20
1,2-Dibromoethane	92		93		70-130	1		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357547
Report Date: 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 18 Batch: WG1839373-3 WG1839373-4								
1,2-Dibromo-3-chloropropane	76		84		41-144	10		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	87		87		70-130	0		20
n-Propylbenzene	110		100		69-130	10		20
1,2,3-Trichlorobenzene	89		92		70-130	3		20
1,2,4-Trichlorobenzene	96		96		70-130	0		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		98		70-130	2		20
Methyl Acetate	99		100		70-130	1		20
Cyclohexane	120		120		70-130	0		20
1,4-Dioxane	72		82		56-162	13		20
Freon-113	110		110		70-130	0		20
Methyl cyclohexane	110		100		70-130	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		100		70-130
Toluene-d8	102		99		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	97		99		70-130

METALS

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-01 Date Collected: 09/27/23 14:35

Client ID: MW-4S Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0110		mg/l	0.0100	0.00327	1	10/03/23 12:56	10/12/23 18:02	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/03/23 12:56	10/12/23 18:02	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00646		mg/l	0.00050	0.00016	1	10/03/23 12:56	10/12/23 18:02	EPA 3005A	1,6020B	EJF
Barium, Total	0.08802		mg/l	0.00050	0.00017	1	10/03/23 12:56	10/12/23 18:02	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/03/23 12:56	10/12/23 18:02	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/03/23 12:56	10/12/23 18:02	EPA 3005A	1,6020B	EJF
Calcium, Total	94.7		mg/l	0.100	0.0394	1	10/03/23 12:56	10/12/23 18:02	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00033	J	mg/l	0.00100	0.00017	1	10/03/23 12:56	10/12/23 18:02	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00042	J	mg/l	0.00050	0.00016	1	10/03/23 12:56	10/12/23 18:02	EPA 3005A	1,6020B	EJF
Copper, Total	0.00085	J	mg/l	0.00200	0.00038	1	10/03/23 12:56	10/12/23 18:02	EPA 3005A	1,6020B	EJF
Iron, Total	2.70		mg/l	0.0500	0.0191	1	10/03/23 12:56	10/12/23 18:02	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/03/23 12:56	10/12/23 18:02	EPA 3005A	1,6020B	EJF
Magnesium, Total	21.3		mg/l	0.0700	0.0242	1	10/03/23 12:56	10/12/23 18:02	EPA 3005A	1,6020B	EJF
Manganese, Total	3.517		mg/l	0.00100	0.00044	1	10/03/23 12:56	10/12/23 18:02	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/03/23 12:02	10/04/23 11:47	EPA 7470A	1,7470A	GMG
Nickel, Total	0.00129	J	mg/l	0.00200	0.00055	1	10/03/23 12:56	10/12/23 18:02	EPA 3005A	1,6020B	EJF
Potassium, Total	1.90		mg/l	0.100	0.0309	1	10/03/23 12:56	10/12/23 18:02	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/03/23 12:56	10/12/23 18:02	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/03/23 12:56	10/12/23 18:02	EPA 3005A	1,6020B	EJF
Sodium, Total	36.8		mg/l	0.100	0.0293	1	10/03/23 12:56	10/12/23 18:02	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/03/23 12:56	10/12/23 18:02	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/03/23 12:56	10/12/23 18:02	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/03/23 12:56	10/12/23 18:02	EPA 3005A	1,6020B	EJF

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-02 Date Collected: 09/27/23 14:25

Client ID: MW-4D Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0121		mg/l	0.0100	0.00327	1	10/03/23 12:56	10/12/23 18:07	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/03/23 12:56	10/12/23 18:07	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00222		mg/l	0.00050	0.00016	1	10/03/23 12:56	10/12/23 18:07	EPA 3005A	1,6020B	EJF
Barium, Total	0.1291		mg/l	0.00050	0.00017	1	10/03/23 12:56	10/12/23 18:07	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/03/23 12:56	10/12/23 18:07	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/03/23 12:56	10/12/23 18:07	EPA 3005A	1,6020B	EJF
Calcium, Total	83.5		mg/l	0.100	0.0394	1	10/03/23 12:56	10/12/23 18:07	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00026	J	mg/l	0.00100	0.00017	1	10/03/23 12:56	10/12/23 18:07	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00038	J	mg/l	0.00050	0.00016	1	10/03/23 12:56	10/12/23 18:07	EPA 3005A	1,6020B	EJF
Copper, Total	0.00136	J	mg/l	0.00200	0.00038	1	10/03/23 12:56	10/12/23 18:07	EPA 3005A	1,6020B	EJF
Iron, Total	2.16		mg/l	0.0500	0.0191	1	10/03/23 12:56	10/12/23 18:07	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/03/23 12:56	10/12/23 18:07	EPA 3005A	1,6020B	EJF
Magnesium, Total	16.2		mg/l	0.0700	0.0242	1	10/03/23 12:56	10/12/23 18:07	EPA 3005A	1,6020B	EJF
Manganese, Total	1.087		mg/l	0.00100	0.00044	1	10/03/23 12:56	10/12/23 18:07	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/03/23 12:02	10/04/23 11:50	EPA 7470A	1,7470A	GMG
Nickel, Total	0.00073	J	mg/l	0.00200	0.00055	1	10/03/23 12:56	10/12/23 18:07	EPA 3005A	1,6020B	EJF
Potassium, Total	2.56		mg/l	0.100	0.0309	1	10/03/23 12:56	10/12/23 18:07	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/03/23 12:56	10/12/23 18:07	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/03/23 12:56	10/12/23 18:07	EPA 3005A	1,6020B	EJF
Sodium, Total	22.6		mg/l	0.100	0.0293	1	10/03/23 12:56	10/12/23 18:07	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/03/23 12:56	10/12/23 18:07	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/03/23 12:56	10/12/23 18:07	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/03/23 12:56	10/12/23 18:07	EPA 3005A	1,6020B	EJF

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-03 Date Collected: 09/28/23 15:40

Client ID: MW-7S Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0494		mg/l	0.0100	0.00327	1	10/03/23 12:56	10/12/23 18:11	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/03/23 12:56	10/12/23 18:11	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00042	J	mg/l	0.00050	0.00016	1	10/03/23 12:56	10/12/23 18:11	EPA 3005A	1,6020B	EJF
Barium, Total	0.07970		mg/l	0.00050	0.00017	1	10/03/23 12:56	10/12/23 18:11	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/03/23 12:56	10/12/23 18:11	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00007	J	mg/l	0.00020	0.00005	1	10/03/23 12:56	10/12/23 18:11	EPA 3005A	1,6020B	EJF
Calcium, Total	108.		mg/l	0.100	0.0394	1	10/03/23 12:56	10/12/23 18:11	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00055	J	mg/l	0.00100	0.00017	1	10/03/23 12:56	10/12/23 18:11	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00170		mg/l	0.00050	0.00016	1	10/03/23 12:56	10/12/23 18:11	EPA 3005A	1,6020B	EJF
Copper, Total	0.01573		mg/l	0.00200	0.00038	1	10/03/23 12:56	10/12/23 18:11	EPA 3005A	1,6020B	EJF
Iron, Total	0.184		mg/l	0.0500	0.0191	1	10/03/23 12:56	10/12/23 18:11	EPA 3005A	1,6020B	EJF
Lead, Total	0.00082	J	mg/l	0.00100	0.00034	1	10/03/23 12:56	10/12/23 18:11	EPA 3005A	1,6020B	EJF
Magnesium, Total	22.8		mg/l	0.0700	0.0242	1	10/03/23 12:56	10/12/23 18:11	EPA 3005A	1,6020B	EJF
Manganese, Total	1.912		mg/l	0.00100	0.00044	1	10/03/23 12:56	10/12/23 18:11	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/03/23 12:02	10/04/23 11:54	EPA 7470A	1,7470A	GMG
Nickel, Total	0.00354		mg/l	0.00200	0.00055	1	10/03/23 12:56	10/12/23 18:11	EPA 3005A	1,6020B	EJF
Potassium, Total	3.57		mg/l	0.100	0.0309	1	10/03/23 12:56	10/12/23 18:11	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/03/23 12:56	10/12/23 18:11	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/03/23 12:56	10/12/23 18:11	EPA 3005A	1,6020B	EJF
Sodium, Total	60.7		mg/l	0.100	0.0293	1	10/03/23 12:56	10/12/23 18:11	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/03/23 12:56	10/12/23 18:11	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/03/23 12:56	10/12/23 18:11	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01158		mg/l	0.01000	0.00341	1	10/03/23 12:56	10/12/23 18:11	EPA 3005A	1,6020B	EJF

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-04 Date Collected: 09/28/23 15:35

Client ID: MW-7D Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0178		mg/l	0.0100	0.00327	1	10/03/23 12:56	10/12/23 18:16	EPA 3005A	1,6020B	EJF
Antimony, Total	0.00054	J	mg/l	0.00400	0.00042	1	10/03/23 12:56	10/12/23 18:16	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00036	J	mg/l	0.00050	0.00016	1	10/03/23 12:56	10/12/23 18:16	EPA 3005A	1,6020B	EJF
Barium, Total	0.2089		mg/l	0.00050	0.00017	1	10/03/23 12:56	10/12/23 18:16	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/03/23 12:56	10/12/23 18:16	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/03/23 12:56	10/12/23 18:16	EPA 3005A	1,6020B	EJF
Calcium, Total	120.		mg/l	0.100	0.0394	1	10/03/23 12:56	10/12/23 18:16	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00047	J	mg/l	0.00100	0.00017	1	10/03/23 12:56	10/12/23 18:16	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/03/23 12:56	10/12/23 18:16	EPA 3005A	1,6020B	EJF
Copper, Total	0.00119	J	mg/l	0.00200	0.00038	1	10/03/23 12:56	10/12/23 18:16	EPA 3005A	1,6020B	EJF
Iron, Total	0.0435	J	mg/l	0.0500	0.0191	1	10/03/23 12:56	10/12/23 18:16	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/03/23 12:56	10/12/23 18:16	EPA 3005A	1,6020B	EJF
Magnesium, Total	15.8		mg/l	0.0700	0.0242	1	10/03/23 12:56	10/12/23 18:16	EPA 3005A	1,6020B	EJF
Manganese, Total	0.04476		mg/l	0.00100	0.00044	1	10/03/23 12:56	10/12/23 18:16	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/03/23 12:02	10/04/23 11:57	EPA 7470A	1,7470A	GMG
Nickel, Total	0.00131	J	mg/l	0.00200	0.00055	1	10/03/23 12:56	10/12/23 18:16	EPA 3005A	1,6020B	EJF
Potassium, Total	2.88		mg/l	0.100	0.0309	1	10/03/23 12:56	10/12/23 18:16	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/03/23 12:56	10/12/23 18:16	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/03/23 12:56	10/12/23 18:16	EPA 3005A	1,6020B	EJF
Sodium, Total	32.7		mg/l	0.100	0.0293	1	10/03/23 12:56	10/12/23 18:16	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/03/23 12:56	10/12/23 18:16	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/03/23 12:56	10/12/23 18:16	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/03/23 12:56	10/12/23 18:16	EPA 3005A	1,6020B	EJF

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-05 Date Collected: 09/27/23 10:40

Client ID: MW-10S Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5.55		mg/l	0.0100	0.00327	1	10/03/23 12:56	10/12/23 18:21	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/03/23 12:56	10/12/23 18:21	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00272		mg/l	0.00050	0.00016	1	10/03/23 12:56	10/12/23 18:21	EPA 3005A	1,6020B	EJF
Barium, Total	0.1186		mg/l	0.00050	0.00017	1	10/03/23 12:56	10/12/23 18:21	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00023	J	mg/l	0.00050	0.00010	1	10/03/23 12:56	10/12/23 18:21	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/03/23 12:56	10/12/23 18:21	EPA 3005A	1,6020B	EJF
Calcium, Total	43.4		mg/l	0.100	0.0394	1	10/03/23 12:56	10/12/23 18:21	EPA 3005A	1,6020B	EJF
Chromium, Total	0.01309		mg/l	0.00100	0.00017	1	10/03/23 12:56	10/12/23 18:21	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00506		mg/l	0.00050	0.00016	1	10/03/23 12:56	10/12/23 18:21	EPA 3005A	1,6020B	EJF
Copper, Total	0.00756		mg/l	0.00200	0.00038	1	10/03/23 12:56	10/12/23 18:21	EPA 3005A	1,6020B	EJF
Iron, Total	11.8		mg/l	0.0500	0.0191	1	10/03/23 12:56	10/12/23 18:21	EPA 3005A	1,6020B	EJF
Lead, Total	0.00353		mg/l	0.00100	0.00034	1	10/03/23 12:56	10/12/23 18:21	EPA 3005A	1,6020B	EJF
Magnesium, Total	9.57		mg/l	0.0700	0.0242	1	10/03/23 12:56	10/12/23 18:21	EPA 3005A	1,6020B	EJF
Manganese, Total	0.9631		mg/l	0.00100	0.00044	1	10/03/23 12:56	10/12/23 18:21	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/03/23 12:02	10/04/23 12:32	EPA 7470A	1,7470A	GMG
Nickel, Total	0.01111		mg/l	0.00200	0.00055	1	10/03/23 12:56	10/12/23 18:21	EPA 3005A	1,6020B	EJF
Potassium, Total	3.48		mg/l	0.100	0.0309	1	10/03/23 12:56	10/12/23 18:21	EPA 3005A	1,6020B	EJF
Selenium, Total	0.00386	J	mg/l	0.00500	0.00173	1	10/03/23 12:56	10/12/23 18:21	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/03/23 12:56	10/12/23 18:21	EPA 3005A	1,6020B	EJF
Sodium, Total	12.1		mg/l	0.100	0.0293	1	10/03/23 12:56	10/12/23 18:21	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/03/23 12:56	10/12/23 18:21	EPA 3005A	1,6020B	EJF
Vanadium, Total	0.00914		mg/l	0.00500	0.00157	1	10/03/23 12:56	10/12/23 18:21	EPA 3005A	1,6020B	EJF
Zinc, Total	0.02525		mg/l	0.01000	0.00341	1	10/03/23 12:56	10/12/23 18:21	EPA 3005A	1,6020B	EJF

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-06 Date Collected: 09/27/23 11:20

Client ID: MW-10D Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.185		mg/l	0.0100	0.00327	1	10/03/23 12:56	10/12/23 18:25	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/03/23 12:56	10/12/23 18:25	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00353		mg/l	0.00050	0.00016	1	10/03/23 12:56	10/12/23 18:25	EPA 3005A	1,6020B	EJF
Barium, Total	4.579		mg/l	0.00050	0.00017	1	10/03/23 12:56	10/12/23 18:25	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/03/23 12:56	10/12/23 18:25	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00015	J	mg/l	0.00020	0.00005	1	10/03/23 12:56	10/12/23 18:25	EPA 3005A	1,6020B	EJF
Calcium, Total	53.3		mg/l	0.100	0.0394	1	10/03/23 12:56	10/12/23 18:25	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00064	J	mg/l	0.00100	0.00017	1	10/03/23 12:56	10/12/23 18:25	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00024	J	mg/l	0.00050	0.00016	1	10/03/23 12:56	10/12/23 18:25	EPA 3005A	1,6020B	EJF
Copper, Total	0.00264		mg/l	0.00200	0.00038	1	10/03/23 12:56	10/12/23 18:25	EPA 3005A	1,6020B	EJF
Iron, Total	0.990		mg/l	0.0500	0.0191	1	10/03/23 12:56	10/12/23 18:25	EPA 3005A	1,6020B	EJF
Lead, Total	0.00183		mg/l	0.00100	0.00034	1	10/03/23 12:56	10/12/23 18:25	EPA 3005A	1,6020B	EJF
Magnesium, Total	10.2		mg/l	0.0700	0.0242	1	10/03/23 12:56	10/12/23 18:25	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1671		mg/l	0.00100	0.00044	1	10/03/23 12:56	10/12/23 18:25	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/03/23 12:02	10/04/23 12:35	EPA 7470A	1,7470A	GMG
Nickel, Total	0.00066	J	mg/l	0.00200	0.00055	1	10/03/23 12:56	10/12/23 18:25	EPA 3005A	1,6020B	EJF
Potassium, Total	3.81		mg/l	0.100	0.0309	1	10/03/23 12:56	10/12/23 18:25	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/03/23 12:56	10/12/23 18:25	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/03/23 12:56	10/12/23 18:25	EPA 3005A	1,6020B	EJF
Sodium, Total	71.9		mg/l	0.100	0.0293	1	10/03/23 12:56	10/12/23 18:25	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/03/23 12:56	10/12/23 18:25	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/03/23 12:56	10/12/23 18:25	EPA 3005A	1,6020B	EJF
Zinc, Total	0.00902	J	mg/l	0.01000	0.00341	1	10/03/23 12:56	10/12/23 18:25	EPA 3005A	1,6020B	EJF

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-07 Date Collected: 09/27/23 16:40

Client ID: MW-11S Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0111		mg/l	0.0100	0.00327	1	10/03/23 12:56	10/12/23 18:30	EPA 3005A	1,6020B	EJF
Antimony, Total	0.00131	J	mg/l	0.00400	0.00042	1	10/03/23 12:56	10/12/23 18:30	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00351		mg/l	0.00050	0.00016	1	10/03/23 12:56	10/12/23 18:30	EPA 3005A	1,6020B	EJF
Barium, Total	0.1650		mg/l	0.00050	0.00017	1	10/03/23 12:56	10/12/23 18:30	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/03/23 12:56	10/12/23 18:30	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00010	J	mg/l	0.00020	0.00005	1	10/03/23 12:56	10/12/23 18:30	EPA 3005A	1,6020B	EJF
Calcium, Total	39.9		mg/l	0.100	0.0394	1	10/03/23 12:56	10/12/23 18:30	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00112		mg/l	0.00100	0.00017	1	10/03/23 12:56	10/12/23 18:30	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00152		mg/l	0.00050	0.00016	1	10/03/23 12:56	10/12/23 18:30	EPA 3005A	1,6020B	EJF
Copper, Total	0.00154	J	mg/l	0.00200	0.00038	1	10/03/23 12:56	10/12/23 18:30	EPA 3005A	1,6020B	EJF
Iron, Total	0.272		mg/l	0.0500	0.0191	1	10/03/23 12:56	10/12/23 18:30	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/03/23 12:56	10/12/23 18:30	EPA 3005A	1,6020B	EJF
Magnesium, Total	6.14		mg/l	0.0700	0.0242	1	10/03/23 12:56	10/12/23 18:30	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1606		mg/l	0.00100	0.00044	1	10/03/23 12:56	10/12/23 18:30	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/03/23 12:02	10/04/23 12:38	EPA 7470A	1,7470A	GMG
Nickel, Total	0.00073	J	mg/l	0.00200	0.00055	1	10/03/23 12:56	10/12/23 18:30	EPA 3005A	1,6020B	EJF
Potassium, Total	4.51		mg/l	0.100	0.0309	1	10/03/23 12:56	10/12/23 18:30	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/03/23 12:56	10/12/23 18:30	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/03/23 12:56	10/12/23 18:30	EPA 3005A	1,6020B	EJF
Sodium, Total	35.3		mg/l	0.100	0.0293	1	10/03/23 12:56	10/12/23 18:30	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/03/23 12:56	10/12/23 18:30	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/03/23 12:56	10/12/23 18:30	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/03/23 12:56	10/12/23 18:30	EPA 3005A	1,6020B	EJF

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-08 Date Collected: 09/27/23 15:55

Client ID: MW-11D Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0170		mg/l	0.0100	0.00327	1	10/03/23 12:56	10/12/23 18:35	EPA 3005A	1,6020B	EJF
Antimony, Total	0.00062	J	mg/l	0.00400	0.00042	1	10/03/23 12:56	10/12/23 18:35	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00043	J	mg/l	0.00050	0.00016	1	10/03/23 12:56	10/12/23 18:35	EPA 3005A	1,6020B	EJF
Barium, Total	0.2624		mg/l	0.00050	0.00017	1	10/03/23 12:56	10/12/23 18:35	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/03/23 12:56	10/12/23 18:35	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00008	J	mg/l	0.00020	0.00005	1	10/03/23 12:56	10/12/23 18:35	EPA 3005A	1,6020B	EJF
Calcium, Total	36.8		mg/l	0.100	0.0394	1	10/03/23 12:56	10/12/23 18:35	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00141		mg/l	0.00100	0.00017	1	10/03/23 12:56	10/12/23 18:35	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/03/23 12:56	10/12/23 18:35	EPA 3005A	1,6020B	EJF
Copper, Total	0.00089	J	mg/l	0.00200	0.00038	1	10/03/23 12:56	10/12/23 18:35	EPA 3005A	1,6020B	EJF
Iron, Total	0.0440	J	mg/l	0.0500	0.0191	1	10/03/23 12:56	10/12/23 18:35	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/03/23 12:56	10/12/23 18:35	EPA 3005A	1,6020B	EJF
Magnesium, Total	0.433		mg/l	0.0700	0.0242	1	10/03/23 12:56	10/12/23 18:35	EPA 3005A	1,6020B	EJF
Manganese, Total	0.00449		mg/l	0.00100	0.00044	1	10/03/23 12:56	10/12/23 18:35	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/03/23 12:02	10/04/23 12:42	EPA 7470A	1,7470A	GMG
Nickel, Total	0.00070	J	mg/l	0.00200	0.00055	1	10/03/23 12:56	10/12/23 18:35	EPA 3005A	1,6020B	EJF
Potassium, Total	2.70		mg/l	0.100	0.0309	1	10/03/23 12:56	10/12/23 18:35	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/03/23 12:56	10/12/23 18:35	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/03/23 12:56	10/12/23 18:35	EPA 3005A	1,6020B	EJF
Sodium, Total	25.5		mg/l	0.100	0.0293	1	10/03/23 12:56	10/12/23 18:35	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/03/23 12:56	10/12/23 18:35	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/03/23 12:56	10/12/23 18:35	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/03/23 12:56	10/12/23 18:35	EPA 3005A	1,6020B	EJF

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-09 Date Collected: 09/28/23 11:25

Client ID: MW-12S Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.00776	J	mg/l	0.0100	0.00327	1	10/03/23 12:56	10/12/23 18:39	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/03/23 12:56	10/12/23 18:39	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00032	J	mg/l	0.00050	0.00016	1	10/03/23 12:56	10/12/23 18:39	EPA 3005A	1,6020B	EJF
Barium, Total	0.07290		mg/l	0.00050	0.00017	1	10/03/23 12:56	10/12/23 18:39	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/03/23 12:56	10/12/23 18:39	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00008	J	mg/l	0.00020	0.00005	1	10/03/23 12:56	10/12/23 18:39	EPA 3005A	1,6020B	EJF
Calcium, Total	50.4		mg/l	0.100	0.0394	1	10/03/23 12:56	10/12/23 18:39	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00041	J	mg/l	0.00100	0.00017	1	10/03/23 12:56	10/12/23 18:39	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/03/23 12:56	10/12/23 18:39	EPA 3005A	1,6020B	EJF
Copper, Total	0.00147	J	mg/l	0.00200	0.00038	1	10/03/23 12:56	10/12/23 18:39	EPA 3005A	1,6020B	EJF
Iron, Total	0.0243	J	mg/l	0.0500	0.0191	1	10/03/23 12:56	10/12/23 18:39	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/03/23 12:56	10/12/23 18:39	EPA 3005A	1,6020B	EJF
Magnesium, Total	10.5		mg/l	0.0700	0.0242	1	10/03/23 12:56	10/12/23 18:39	EPA 3005A	1,6020B	EJF
Manganese, Total	0.00304		mg/l	0.00100	0.00044	1	10/03/23 12:56	10/12/23 18:39	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/03/23 12:02	10/04/23 12:45	EPA 7470A	1,7470A	GMG
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/03/23 12:56	10/12/23 18:39	EPA 3005A	1,6020B	EJF
Potassium, Total	2.03		mg/l	0.100	0.0309	1	10/03/23 12:56	10/12/23 18:39	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/03/23 12:56	10/12/23 18:39	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/03/23 12:56	10/12/23 18:39	EPA 3005A	1,6020B	EJF
Sodium, Total	33.8		mg/l	0.100	0.0293	1	10/03/23 12:56	10/12/23 18:39	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/03/23 12:56	10/12/23 18:39	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/03/23 12:56	10/12/23 18:39	EPA 3005A	1,6020B	EJF
Zinc, Total	0.00507	J	mg/l	0.01000	0.00341	1	10/03/23 12:56	10/12/23 18:39	EPA 3005A	1,6020B	EJF

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-10 Date Collected: 09/28/23 11:45

Client ID: MW-12D Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0326		mg/l	0.0100	0.00327	1	10/03/23 12:56	10/12/23 18:54	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/03/23 12:56	10/12/23 18:54	EPA 3005A	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/03/23 12:56	10/12/23 18:54	EPA 3005A	1,6020B	EJF
Barium, Total	2.142		mg/l	0.00050	0.00017	1	10/03/23 12:56	10/12/23 18:54	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/03/23 12:56	10/12/23 18:54	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/03/23 12:56	10/12/23 18:54	EPA 3005A	1,6020B	EJF
Calcium, Total	31.5		mg/l	0.100	0.0394	1	10/03/23 12:56	10/12/23 18:54	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00029	J	mg/l	0.00100	0.00017	1	10/03/23 12:56	10/12/23 18:54	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/03/23 12:56	10/12/23 18:54	EPA 3005A	1,6020B	EJF
Copper, Total	0.00111	J	mg/l	0.00200	0.00038	1	10/03/23 12:56	10/12/23 18:54	EPA 3005A	1,6020B	EJF
Iron, Total	0.132		mg/l	0.0500	0.0191	1	10/03/23 12:56	10/12/23 18:54	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/03/23 12:56	10/12/23 18:54	EPA 3005A	1,6020B	EJF
Magnesium, Total	6.36		mg/l	0.0700	0.0242	1	10/03/23 12:56	10/12/23 18:54	EPA 3005A	1,6020B	EJF
Manganese, Total	0.02696		mg/l	0.00100	0.00044	1	10/03/23 12:56	10/12/23 18:54	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/03/23 12:02	10/04/23 12:48	EPA 7470A	1,7470A	GMG
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/03/23 12:56	10/12/23 18:54	EPA 3005A	1,6020B	EJF
Potassium, Total	3.22		mg/l	0.100	0.0309	1	10/03/23 12:56	10/12/23 18:54	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/03/23 12:56	10/12/23 18:54	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/03/23 12:56	10/12/23 18:54	EPA 3005A	1,6020B	EJF
Sodium, Total	62.5		mg/l	0.100	0.0293	1	10/03/23 12:56	10/12/23 18:54	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/03/23 12:56	10/12/23 18:54	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/03/23 12:56	10/12/23 18:54	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01004		mg/l	0.01000	0.00341	1	10/03/23 12:56	10/12/23 18:54	EPA 3005A	1,6020B	EJF

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-11 Date Collected: 09/28/23 14:10

Client ID: MW-13S Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0478		mg/l	0.0100	0.00327	1	10/03/23 12:56	10/12/23 18:59	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/03/23 12:56	10/12/23 18:59	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00057		mg/l	0.00050	0.00016	1	10/03/23 12:56	10/12/23 18:59	EPA 3005A	1,6020B	EJF
Barium, Total	0.02426		mg/l	0.00050	0.00017	1	10/03/23 12:56	10/12/23 18:59	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/03/23 12:56	10/12/23 18:59	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/03/23 12:56	10/12/23 18:59	EPA 3005A	1,6020B	EJF
Calcium, Total	19.8		mg/l	0.100	0.0394	1	10/03/23 12:56	10/12/23 18:59	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00049	J	mg/l	0.00100	0.00017	1	10/03/23 12:56	10/12/23 18:59	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/03/23 12:56	10/12/23 18:59	EPA 3005A	1,6020B	EJF
Copper, Total	0.00073	J	mg/l	0.00200	0.00038	1	10/03/23 12:56	10/12/23 18:59	EPA 3005A	1,6020B	EJF
Iron, Total	0.175		mg/l	0.0500	0.0191	1	10/03/23 12:56	10/12/23 18:59	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/03/23 12:56	10/12/23 18:59	EPA 3005A	1,6020B	EJF
Magnesium, Total	3.89		mg/l	0.0700	0.0242	1	10/03/23 12:56	10/12/23 18:59	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1904		mg/l	0.00100	0.00044	1	10/03/23 12:56	10/12/23 18:59	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/03/23 12:02	10/04/23 12:52	EPA 7470A	1,7470A	GMG
Nickel, Total	0.00184	J	mg/l	0.00200	0.00055	1	10/03/23 12:56	10/12/23 18:59	EPA 3005A	1,6020B	EJF
Potassium, Total	0.949		mg/l	0.100	0.0309	1	10/03/23 12:56	10/12/23 18:59	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/03/23 12:56	10/12/23 18:59	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/03/23 12:56	10/12/23 18:59	EPA 3005A	1,6020B	EJF
Sodium, Total	5.17		mg/l	0.100	0.0293	1	10/03/23 12:56	10/12/23 18:59	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/03/23 12:56	10/12/23 18:59	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/03/23 12:56	10/12/23 18:59	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/03/23 12:56	10/12/23 18:59	EPA 3005A	1,6020B	EJF

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-12 Date Collected: 09/28/23 14:05

Client ID: MW-13D Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.817		mg/l	0.0100	0.00327	1	10/03/23 12:56	10/05/23 15:21	EPA 3005A	1,6020B	EJF
Antimony, Total	0.00056	J	mg/l	0.00400	0.00042	1	10/03/23 12:56	10/05/23 15:21	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00069		mg/l	0.00050	0.00016	1	10/03/23 12:56	10/05/23 15:21	EPA 3005A	1,6020B	EJF
Barium, Total	0.03584		mg/l	0.00050	0.00017	1	10/03/23 12:56	10/05/23 15:21	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/03/23 12:56	10/05/23 15:21	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/03/23 12:56	10/05/23 15:21	EPA 3005A	1,6020B	EJF
Calcium, Total	174.		mg/l	0.100	0.0394	1	10/03/23 12:56	10/05/23 15:21	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00128		mg/l	0.00100	0.00017	1	10/03/23 12:56	10/05/23 15:21	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00047	J	mg/l	0.00050	0.00016	1	10/03/23 12:56	10/05/23 15:21	EPA 3005A	1,6020B	EJF
Copper, Total	0.00357		mg/l	0.00200	0.00038	1	10/03/23 12:56	10/05/23 15:21	EPA 3005A	1,6020B	EJF
Iron, Total	0.0361	J	mg/l	0.0500	0.0191	1	10/03/23 12:56	10/05/23 15:21	EPA 3005A	1,6020B	EJF
Lead, Total	0.00038	J	mg/l	0.00100	0.00034	1	10/03/23 12:56	10/05/23 15:21	EPA 3005A	1,6020B	EJF
Magnesium, Total	0.112		mg/l	0.0700	0.0242	1	10/03/23 12:56	10/05/23 15:21	EPA 3005A	1,6020B	EJF
Manganese, Total	0.00358		mg/l	0.00100	0.00044	1	10/03/23 12:56	10/05/23 15:21	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/03/23 12:02	10/04/23 11:27	EPA 7470A	1,7470A	GMG
Nickel, Total	0.01286		mg/l	0.00200	0.00055	1	10/03/23 12:56	10/05/23 15:21	EPA 3005A	1,6020B	EJF
Potassium, Total	7.35		mg/l	0.100	0.0309	1	10/03/23 12:56	10/05/23 15:21	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/03/23 12:56	10/05/23 15:21	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/03/23 12:56	10/05/23 15:21	EPA 3005A	1,6020B	EJF
Sodium, Total	17.8		mg/l	0.100	0.0293	1	10/03/23 12:56	10/05/23 15:21	EPA 3005A	1,6020B	EJF
Thallium, Total	0.00031	J	mg/l	0.00100	0.00014	1	10/03/23 12:56	10/05/23 15:21	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/03/23 12:56	10/05/23 15:21	EPA 3005A	1,6020B	EJF
Zinc, Total	0.00800	J	mg/l	0.01000	0.00341	1	10/03/23 12:56	10/05/23 15:21	EPA 3005A	1,6020B	EJF

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-13 Date Collected: 09/26/23 14:55

Client ID: MW-14S Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.300		mg/l	0.0100	0.00327	1	10/03/23 12:56	10/12/23 19:03	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/03/23 12:56	10/12/23 19:03	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00065		mg/l	0.00050	0.00016	1	10/03/23 12:56	10/12/23 19:03	EPA 3005A	1,6020B	EJF
Barium, Total	0.02364		mg/l	0.00050	0.00017	1	10/03/23 12:56	10/12/23 19:03	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/03/23 12:56	10/12/23 19:03	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/03/23 12:56	10/12/23 19:03	EPA 3005A	1,6020B	EJF
Calcium, Total	16.9		mg/l	0.100	0.0394	1	10/03/23 12:56	10/12/23 19:03	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00075	J	mg/l	0.00100	0.00017	1	10/03/23 12:56	10/12/23 19:03	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00023	J	mg/l	0.00050	0.00016	1	10/03/23 12:56	10/12/23 19:03	EPA 3005A	1,6020B	EJF
Copper, Total	0.00132	J	mg/l	0.00200	0.00038	1	10/03/23 12:56	10/12/23 19:03	EPA 3005A	1,6020B	EJF
Iron, Total	0.441		mg/l	0.0500	0.0191	1	10/03/23 12:56	10/12/23 19:03	EPA 3005A	1,6020B	EJF
Lead, Total	0.00064	J	mg/l	0.00100	0.00034	1	10/03/23 12:56	10/12/23 19:03	EPA 3005A	1,6020B	EJF
Magnesium, Total	1.97		mg/l	0.0700	0.0242	1	10/03/23 12:56	10/12/23 19:03	EPA 3005A	1,6020B	EJF
Manganese, Total	0.06450		mg/l	0.00100	0.00044	1	10/03/23 12:56	10/12/23 19:03	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/03/23 12:02	10/04/23 12:55	EPA 7470A	1,7470A	GMG
Nickel, Total	0.00165	J	mg/l	0.00200	0.00055	1	10/03/23 12:56	10/12/23 19:03	EPA 3005A	1,6020B	EJF
Potassium, Total	1.17		mg/l	0.100	0.0309	1	10/03/23 12:56	10/12/23 19:03	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/03/23 12:56	10/12/23 19:03	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/03/23 12:56	10/12/23 19:03	EPA 3005A	1,6020B	EJF
Sodium, Total	2.24		mg/l	0.100	0.0293	1	10/03/23 12:56	10/12/23 19:03	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/03/23 12:56	10/12/23 19:03	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/03/23 12:56	10/12/23 19:03	EPA 3005A	1,6020B	EJF
Zinc, Total	0.00446	J	mg/l	0.01000	0.00341	1	10/03/23 12:56	10/12/23 19:03	EPA 3005A	1,6020B	EJF

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-14 Date Collected: 09/26/23 12:00

Client ID: MW-15S Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0480		mg/l	0.0100	0.00327	1	10/03/23 12:56	10/12/23 19:08	EPA 3005A	1,6020B	EJF
Antimony, Total	0.00160	J	mg/l	0.00400	0.00042	1	10/03/23 12:56	10/12/23 19:08	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00071		mg/l	0.00050	0.00016	1	10/03/23 12:56	10/12/23 19:08	EPA 3005A	1,6020B	EJF
Barium, Total	0.1514		mg/l	0.00050	0.00017	1	10/03/23 12:56	10/12/23 19:08	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/03/23 12:56	10/12/23 19:08	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/03/23 12:56	10/12/23 19:08	EPA 3005A	1,6020B	EJF
Calcium, Total	14.9		mg/l	0.100	0.0394	1	10/03/23 12:56	10/12/23 19:08	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00162		mg/l	0.00100	0.00017	1	10/03/23 12:56	10/12/23 19:08	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/03/23 12:56	10/12/23 19:08	EPA 3005A	1,6020B	EJF
Copper, Total	0.00093	J	mg/l	0.00200	0.00038	1	10/03/23 12:56	10/12/23 19:08	EPA 3005A	1,6020B	EJF
Iron, Total	0.0356	J	mg/l	0.0500	0.0191	1	10/03/23 12:56	10/12/23 19:08	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/03/23 12:56	10/12/23 19:08	EPA 3005A	1,6020B	EJF
Magnesium, Total	0.0427	J	mg/l	0.0700	0.0242	1	10/03/23 12:56	10/12/23 19:08	EPA 3005A	1,6020B	EJF
Manganese, Total	0.00291		mg/l	0.00100	0.00044	1	10/03/23 12:56	10/12/23 19:08	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/03/23 12:02	10/04/23 12:58	EPA 7470A	1,7470A	GMG
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/03/23 12:56	10/12/23 19:08	EPA 3005A	1,6020B	EJF
Potassium, Total	4.89		mg/l	0.100	0.0309	1	10/03/23 12:56	10/12/23 19:08	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/03/23 12:56	10/12/23 19:08	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/03/23 12:56	10/12/23 19:08	EPA 3005A	1,6020B	EJF
Sodium, Total	42.0		mg/l	0.100	0.0293	1	10/03/23 12:56	10/12/23 19:08	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/03/23 12:56	10/12/23 19:08	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/03/23 12:56	10/12/23 19:08	EPA 3005A	1,6020B	EJF
Zinc, Total	0.00468	J	mg/l	0.01000	0.00341	1	10/03/23 12:56	10/12/23 19:08	EPA 3005A	1,6020B	EJF

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-15 Date Collected: 09/26/23 12:30

Client ID: MW-15I Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0916		mg/l	0.0100	0.00327	1	10/03/23 12:56	10/12/23 19:13	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/03/23 12:56	10/12/23 19:13	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00243		mg/l	0.00050	0.00016	1	10/03/23 12:56	10/12/23 19:13	EPA 3005A	1,6020B	EJF
Barium, Total	0.2215		mg/l	0.00050	0.00017	1	10/03/23 12:56	10/12/23 19:13	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/03/23 12:56	10/12/23 19:13	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/03/23 12:56	10/12/23 19:13	EPA 3005A	1,6020B	EJF
Calcium, Total	62.3		mg/l	0.100	0.0394	1	10/03/23 12:56	10/12/23 19:13	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00058	J	mg/l	0.00100	0.00017	1	10/03/23 12:56	10/12/23 19:13	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00018	J	mg/l	0.00050	0.00016	1	10/03/23 12:56	10/12/23 19:13	EPA 3005A	1,6020B	EJF
Copper, Total	0.00090	J	mg/l	0.00200	0.00038	1	10/03/23 12:56	10/12/23 19:13	EPA 3005A	1,6020B	EJF
Iron, Total	0.466		mg/l	0.0500	0.0191	1	10/03/23 12:56	10/12/23 19:13	EPA 3005A	1,6020B	EJF
Lead, Total	0.00040	J	mg/l	0.00100	0.00034	1	10/03/23 12:56	10/12/23 19:13	EPA 3005A	1,6020B	EJF
Magnesium, Total	14.2		mg/l	0.0700	0.0242	1	10/03/23 12:56	10/12/23 19:13	EPA 3005A	1,6020B	EJF
Manganese, Total	0.2036		mg/l	0.00100	0.00044	1	10/03/23 12:56	10/12/23 19:13	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/03/23 12:02	10/04/23 13:02	EPA 7470A	1,7470A	GMG
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/03/23 12:56	10/12/23 19:13	EPA 3005A	1,6020B	EJF
Potassium, Total	3.02		mg/l	0.100	0.0309	1	10/03/23 12:56	10/12/23 19:13	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/03/23 12:56	10/12/23 19:13	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/03/23 12:56	10/12/23 19:13	EPA 3005A	1,6020B	EJF
Sodium, Total	26.7		mg/l	0.100	0.0293	1	10/03/23 12:56	10/12/23 19:13	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/03/23 12:56	10/12/23 19:13	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/03/23 12:56	10/12/23 19:13	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/03/23 12:56	10/12/23 19:13	EPA 3005A	1,6020B	EJF

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-16 Date Collected: 09/26/23 15:50

Client ID: MW-15D Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0391		mg/l	0.0100	0.00327	1	10/03/23 12:56	10/12/23 19:17	EPA 3005A	1,6020B	EJF
Antimony, Total	0.00063	J	mg/l	0.00400	0.00042	1	10/03/23 12:56	10/12/23 19:17	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00031	J	mg/l	0.00050	0.00016	1	10/03/23 12:56	10/12/23 19:17	EPA 3005A	1,6020B	EJF
Barium, Total	0.3223		mg/l	0.00050	0.00017	1	10/03/23 12:56	10/12/23 19:17	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/03/23 12:56	10/12/23 19:17	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00023		mg/l	0.00020	0.00005	1	10/03/23 12:56	10/12/23 19:17	EPA 3005A	1,6020B	EJF
Calcium, Total	26.4		mg/l	5.00	1.97	50	10/03/23 12:56	10/12/23 20:37	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00059	J	mg/l	0.00100	0.00017	1	10/03/23 12:56	10/12/23 19:17	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00388		mg/l	0.00050	0.00016	1	10/03/23 12:56	10/12/23 19:17	EPA 3005A	1,6020B	EJF
Copper, Total	0.00229		mg/l	0.00200	0.00038	1	10/03/23 12:56	10/12/23 19:17	EPA 3005A	1,6020B	EJF
Iron, Total	0.0703		mg/l	0.0500	0.0191	1	10/03/23 12:56	10/12/23 19:17	EPA 3005A	1,6020B	EJF
Lead, Total	0.00110		mg/l	0.00100	0.00034	1	10/03/23 12:56	10/12/23 19:17	EPA 3005A	1,6020B	EJF
Magnesium, Total	1.93		mg/l	0.0700	0.0242	1	10/03/23 12:56	10/12/23 19:17	EPA 3005A	1,6020B	EJF
Manganese, Total	0.00625		mg/l	0.00100	0.00044	1	10/03/23 12:56	10/12/23 19:17	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/03/23 12:02	10/04/23 13:13	EPA 7470A	1,7470A	GMG
Nickel, Total	0.00335		mg/l	0.00200	0.00055	1	10/03/23 12:56	10/12/23 19:17	EPA 3005A	1,6020B	EJF
Potassium, Total	14.8		mg/l	0.100	0.0309	1	10/03/23 12:56	10/12/23 19:17	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/03/23 12:56	10/12/23 19:17	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/03/23 12:56	10/12/23 19:17	EPA 3005A	1,6020B	EJF
Sodium, Total	146.		mg/l	1.00	0.293	10	10/03/23 12:56	10/12/23 20:09	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/03/23 12:56	10/12/23 19:17	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/03/23 12:56	10/12/23 19:17	EPA 3005A	1,6020B	EJF
Zinc, Total	0.00394	J	mg/l	0.01000	0.00341	1	10/03/23 12:56	10/12/23 19:17	EPA 3005A	1,6020B	EJF

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-17 Date Collected: 09/28/23 16:10

Client ID: RB Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.00347	J	mg/l	0.0100	0.00327	1	10/03/23 22:00	10/12/23 19:27	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/03/23 22:00	10/12/23 19:27	EPA 3005A	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/03/23 22:00	10/12/23 19:27	EPA 3005A	1,6020B	EJF
Barium, Total	ND		mg/l	0.00050	0.00017	1	10/03/23 22:00	10/12/23 19:27	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/03/23 22:00	10/12/23 19:27	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/03/23 22:00	10/12/23 19:27	EPA 3005A	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	10/03/23 22:00	10/12/23 19:27	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00037	J	mg/l	0.00100	0.00017	1	10/03/23 22:00	10/12/23 19:27	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/03/23 22:00	10/12/23 19:27	EPA 3005A	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	10/03/23 22:00	10/12/23 19:27	EPA 3005A	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	10/03/23 22:00	10/12/23 19:27	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/03/23 22:00	10/12/23 19:27	EPA 3005A	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	10/03/23 22:00	10/12/23 19:27	EPA 3005A	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	10/03/23 22:00	10/12/23 19:27	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/03/23 23:30	10/06/23 10:26	EPA 7470A	1,7470A	MJR
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/03/23 22:00	10/12/23 19:27	EPA 3005A	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	10/03/23 22:00	10/12/23 19:27	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/03/23 22:00	10/12/23 19:27	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/03/23 22:00	10/12/23 19:27	EPA 3005A	1,6020B	EJF
Sodium, Total	0.0393	J	mg/l	0.100	0.0293	1	10/03/23 22:00	10/12/23 19:27	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/03/23 22:00	10/12/23 19:27	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/03/23 22:00	10/12/23 19:27	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/03/23 22:00	10/12/23 19:27	EPA 3005A	1,6020B	EJF

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357547-19 Date Collected: 09/27/23 11:20

Client ID: MW-10D Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	10/04/23 07:40	10/12/23 20:38	EPA 3005A	1,6020B	EJF
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	10/04/23 07:40	10/12/23 20:38	EPA 3005A	1,6020B	EJF
Arsenic, Dissolved	0.00286		mg/l	0.00050	0.00016	1	10/04/23 07:40	10/12/23 20:38	EPA 3005A	1,6020B	EJF
Barium, Dissolved	4.559		mg/l	0.00050	0.00017	1	10/04/23 07:40	10/12/23 20:38	EPA 3005A	1,6020B	EJF
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/04/23 07:40	10/12/23 20:38	EPA 3005A	1,6020B	EJF
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/04/23 07:40	10/12/23 20:38	EPA 3005A	1,6020B	EJF
Calcium, Dissolved	50.7		mg/l	0.100	0.0394	1	10/04/23 07:40	10/12/23 20:38	EPA 3005A	1,6020B	EJF
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	10/04/23 07:40	10/12/23 20:38	EPA 3005A	1,6020B	EJF
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	10/04/23 07:40	10/12/23 20:38	EPA 3005A	1,6020B	EJF
Copper, Dissolved	0.00105		mg/l	0.00100	0.00038	1	10/04/23 07:40	10/12/23 20:38	EPA 3005A	1,6020B	EJF
Iron, Dissolved	0.503		mg/l	0.0500	0.0191	1	10/04/23 07:40	10/12/23 20:38	EPA 3005A	1,6020B	EJF
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/04/23 07:40	10/12/23 20:38	EPA 3005A	1,6020B	EJF
Magnesium, Dissolved	9.64		mg/l	0.0700	0.0242	1	10/04/23 07:40	10/12/23 20:38	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	0.1697		mg/l	0.00100	0.00044	1	10/04/23 07:40	10/12/23 20:38	EPA 3005A	1,6020B	EJF
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/04/23 08:44	10/04/23 13:43	EPA 7470A	1,7470A	GMG
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	10/04/23 07:40	10/12/23 20:38	EPA 3005A	1,6020B	EJF
Potassium, Dissolved	3.56		mg/l	0.100	0.0309	1	10/04/23 07:40	10/12/23 20:38	EPA 3005A	1,6020B	EJF
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/04/23 07:40	10/12/23 20:38	EPA 3005A	1,6020B	EJF
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/04/23 07:40	10/12/23 20:38	EPA 3005A	1,6020B	EJF
Sodium, Dissolved	68.0		mg/l	0.100	0.0293	1	10/04/23 07:40	10/12/23 20:38	EPA 3005A	1,6020B	EJF
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/04/23 07:40	10/12/23 20:38	EPA 3005A	1,6020B	EJF
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/04/23 07:40	10/12/23 20:38	EPA 3005A	1,6020B	EJF
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/04/23 07:40	10/12/23 20:38	EPA 3005A	1,6020B	EJF

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

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): 01-16 Batch: WG1834913-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	10/03/23 12:56	10/05/23 14:58	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/03/23 12:56	10/05/23 14:58	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/03/23 12:56	10/05/23 14:58	1,6020B	EJF
Barium, Total	ND		mg/l	0.00050	0.00017	1	10/03/23 12:56	10/05/23 14:58	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/03/23 12:56	10/05/23 14:58	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/03/23 12:56	10/05/23 14:58	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	10/03/23 12:56	10/05/23 14:58	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	10/03/23 12:56	10/05/23 14:58	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/03/23 12:56	10/05/23 14:58	1,6020B	EJF
Copper, Total	0.00173	J	mg/l	0.00200	0.00038	1	10/03/23 12:56	10/05/23 14:58	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	10/03/23 12:56	10/05/23 14:58	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/03/23 12:56	10/05/23 14:58	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	10/03/23 12:56	10/05/23 14:58	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	10/03/23 12:56	10/05/23 14:58	1,6020B	EJF
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/03/23 12:56	10/05/23 14:58	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	10/03/23 12:56	10/05/23 14:58	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/03/23 12:56	10/05/23 14:58	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/03/23 12:56	10/05/23 14:58	1,6020B	EJF
Sodium, Total	ND		mg/l	0.100	0.0293	1	10/03/23 12:56	10/05/23 14:58	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/03/23 12:56	10/05/23 14:58	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/03/23 12:56	10/05/23 14:58	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/03/23 12:56	10/05/23 14:58	1,6020B	EJF

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): 01-16 Batch: WG1834916-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/03/23 12:02	10/04/23 11:12	1,7470A	GMG

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 19 Batch: WG1834988-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	10/04/23 07:40	10/06/23 11:14	1,6020B	SMV
Antimony, Dissolved	0.00046	J	mg/l	0.00400	0.00042	1	10/04/23 07:40	10/06/23 11:14	1,6020B	SMV
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	10/04/23 07:40	10/06/23 11:14	1,6020B	SMV
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	10/04/23 07:40	10/06/23 11:14	1,6020B	SMV
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/04/23 07:40	10/06/23 11:14	1,6020B	SMV
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/04/23 07:40	10/06/23 11:14	1,6020B	SMV
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	10/04/23 07:40	10/06/23 11:14	1,6020B	SMV
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	10/04/23 07:40	10/06/23 11:14	1,6020B	SMV
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	10/04/23 07:40	10/06/23 11:14	1,6020B	SMV
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	10/04/23 07:40	10/06/23 11:14	1,6020B	SMV
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	10/04/23 07:40	10/06/23 11:14	1,6020B	SMV
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/04/23 07:40	10/06/23 11:14	1,6020B	SMV
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	10/04/23 07:40	10/06/23 11:14	1,6020B	SMV
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	10/04/23 07:40	10/06/23 11:14	1,6020B	SMV
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	10/04/23 07:40	10/06/23 11:14	1,6020B	SMV
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	10/04/23 07:40	10/06/23 11:14	1,6020B	SMV
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/04/23 07:40	10/06/23 11:14	1,6020B	SMV
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/04/23 07:40	10/06/23 11:14	1,6020B	SMV
Sodium, Dissolved	0.0425	J	mg/l	0.100	0.0293	1	10/04/23 07:40	10/06/23 11:14	1,6020B	SMV
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/04/23 07:40	10/06/23 11:14	1,6020B	SMV
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/04/23 07:40	10/06/23 11:14	1,6020B	SMV
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/04/23 07:40	10/06/23 11:14	1,6020B	SMV

Prep Information

Digestion Method: EPA 3005A

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 19 Batch: WG1834989-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/04/23 08:44	10/04/23 13:20	1,7470A	GMG

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 17 Batch: WG1835042-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Barium, Total	ND		mg/l	0.00050	0.00017	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Calcium, Total	ND		mg/l	0.100	0.0394	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Chromium, Total	ND		mg/l	0.00100	0.00017	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Copper, Total	ND		mg/l	0.00100	0.00038	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Iron, Total	ND		mg/l	0.0500	0.0191	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Manganese, Total	0.00049	J	mg/l	0.00100	0.00044	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Potassium, Total	ND		mg/l	0.100	0.0309	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Sodium, Total	ND		mg/l	0.100	0.0293	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/03/23 22:00	10/09/23 12:58	1,6020B	SMV

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357547

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

Method Blank Analysis
Batch Quality Control

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): 17 Batch: WG1835044-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/03/23 23:30	10/06/23 10:09	1,7470A	MJR

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL

Project Number: B2101342.026.01.EXP

Lab Number: L2357547

Report Date: 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-16 Batch: WG1834913-2								
Aluminum, Total	100		-		80-120	-		
Antimony, Total	88		-		80-120	-		
Arsenic, Total	100		-		80-120	-		
Barium, Total	98		-		80-120	-		
Beryllium, Total	101		-		80-120	-		
Cadmium, Total	101		-		80-120	-		
Calcium, Total	84		-		80-120	-		
Chromium, Total	94		-		80-120	-		
Cobalt, Total	96		-		80-120	-		
Copper, Total	103		-		80-120	-		
Iron, Total	105		-		80-120	-		
Lead, Total	102		-		80-120	-		
Magnesium, Total	99		-		80-120	-		
Manganese, Total	98		-		80-120	-		
Nickel, Total	96		-		80-120	-		
Potassium, Total	99		-		80-120	-		
Selenium, Total	99		-		80-120	-		
Silver, Total	105		-		80-120	-		
Sodium, Total	99		-		80-120	-		
Thallium, Total	97		-		80-120	-		
Vanadium, Total	93		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL

Project Number: B2101342.026.01.EXP

Lab Number: L2357547

Report Date: 10/13/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-16 Batch: WG1834913-2					
Zinc, Total	100	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-16 Batch: WG1834916-2					
Mercury, Total	99	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL

Project Number: B2101342.026.01.EXP

Lab Number: L2357547

Report Date: 10/13/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 19 Batch: WG1834988-2					
Aluminum, Dissolved	100	-	80-120	-	
Antimony, Dissolved	87	-	80-120	-	
Arsenic, Dissolved	103	-	80-120	-	
Barium, Dissolved	101	-	80-120	-	
Beryllium, Dissolved	101	-	80-120	-	
Cadmium, Dissolved	104	-	80-120	-	
Calcium, Dissolved	103	-	80-120	-	
Chromium, Dissolved	98	-	80-120	-	
Cobalt, Dissolved	100	-	80-120	-	
Copper, Dissolved	102	-	80-120	-	
Iron, Dissolved	98	-	80-120	-	
Lead, Dissolved	104	-	80-120	-	
Magnesium, Dissolved	102	-	80-120	-	
Manganese, Dissolved	98	-	80-120	-	
Nickel, Dissolved	100	-	80-120	-	
Potassium, Dissolved	103	-	80-120	-	
Selenium, Dissolved	100	-	80-120	-	
Silver, Dissolved	109	-	80-120	-	
Sodium, Dissolved	103	-	80-120	-	
Thallium, Dissolved	102	-	80-120	-	
Vanadium, Dissolved	98	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357547
Report Date: 10/13/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 19 Batch: WG1834988-2					
Zinc, Dissolved	100	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 19 Batch: WG1834989-2					
Mercury, Dissolved	100	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL

Project Number: B2101342.026.01.EXP

Lab Number: L2357547

Report Date: 10/13/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 17 Batch: WG1835042-2					
Aluminum, Total	108	-	80-120	-	
Antimony, Total	103	-	80-120	-	
Arsenic, Total	103	-	80-120	-	
Barium, Total	102	-	80-120	-	
Beryllium, Total	106	-	80-120	-	
Cadmium, Total	104	-	80-120	-	
Calcium, Total	98	-	80-120	-	
Chromium, Total	100	-	80-120	-	
Cobalt, Total	99	-	80-120	-	
Copper, Total	100	-	80-120	-	
Iron, Total	104	-	80-120	-	
Lead, Total	104	-	80-120	-	
Magnesium, Total	106	-	80-120	-	
Manganese, Total	102	-	80-120	-	
Nickel, Total	101	-	80-120	-	
Potassium, Total	105	-	80-120	-	
Selenium, Total	102	-	80-120	-	
Silver, Total	110	-	80-120	-	
Sodium, Total	104	-	80-120	-	
Thallium, Total	98	-	80-120	-	
Vanadium, Total	100	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL

Project Number: B2101342.026.01.EXP

Lab Number: L2357547

Report Date: 10/13/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 17 Batch: WG1835042-2					
Zinc, Total	101	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 17 Batch: WG1835044-2					
Mercury, Total	88	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357547
Report Date: 10/13/23

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): 01-16 QC Batch ID: WG1834913-3 WG1834913-4 QC Sample: L2357547-12 Client ID: MW-13D												
Aluminum, Total	0.817	2	2.86	102		2.86	102		75-125	0		20
Antimony, Total	0.00056J	0.5	0.4933	99		0.4800	96		75-125	3		20
Arsenic, Total	0.00069	0.12	0.1246	103		0.1251	104		75-125	0		20
Barium, Total	0.03584	2	1.998	98		2.025	99		75-125	1		20
Beryllium, Total	ND	0.05	0.05043	101		0.04995	100		75-125	1		20
Cadmium, Total	ND	0.053	0.05356	101		0.05364	101		75-125	0		20
Calcium, Total	174.	10	174	**0**	Q	167	**0**	Q	75-125	4		20
Chromium, Total	0.00128	0.2	0.1861	92		0.1912	95		75-125	3		20
Cobalt, Total	0.00047J	0.5	0.4746	95		0.4907	98		75-125	3		20
Copper, Total	0.00357	0.25	0.2430	96		0.2503	99		75-125	3		20
Iron, Total	0.0361J	1	1.06	106		1.12	112		75-125	6		20
Lead, Total	0.00038J	0.53	0.5424	102		0.5280	100		75-125	3		20
Magnesium, Total	0.112	10	10.4	103		10.3	102		75-125	1		20
Manganese, Total	0.00358	0.5	0.4908	97		0.5081	101		75-125	3		20
Nickel, Total	0.01286	0.5	0.4874	95		0.5009	98		75-125	3		20
Potassium, Total	7.35	10	16.7	94		16.2	88		75-125	3		20
Selenium, Total	ND	0.12	0.120	100		0.122	102		75-125	2		20
Silver, Total	ND	0.05	0.05254	105		0.05249	105		75-125	0		20
Sodium, Total	17.8	10	28.1	103		27.6	98		75-125	2		20
Thallium, Total	0.00031J	0.12	0.1201	100		0.1182	98		75-125	2		20
Vanadium, Total	ND	0.5	0.4531	91		0.4606	92		75-125	2		20

Matrix Spike Analysis
Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357547
Report Date: 10/13/23

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): 01-16 QC Batch ID: WG1834913-3 WG1834913-4 QC Sample: L2357547-12 Client ID: MW-13D									
Zinc, Total	0.00800J	0.5	0.4917	98	0.5026	100	75-125	2	20
Total Metals - Mansfield Lab Associated sample(s): 01-16 QC Batch ID: WG1834916-3 WG1834916-4 QC Sample: L2357547-12 Client ID: MW-13D									
Mercury, Total	ND	0.005	0.00486	97	0.00480	96	75-125	1	20

Matrix Spike Analysis
Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357547
Report Date: 10/13/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 19 QC Batch ID: WG1834988-3 QC Sample: L2356839-04 Client ID: MS Sample										
Aluminum, Dissolved	0.00745J	2	1.91	96		-	-	75-125	-	20
Antimony, Dissolved	0.00168J	0.5	0.4801	96		-	-	75-125	-	20
Arsenic, Dissolved	0.00150	0.12	0.1275	105		-	-	75-125	-	20
Barium, Dissolved	0.04036	2	1.993	98		-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.05022	100		-	-	75-125	-	20
Cadmium, Dissolved	ND	0.053	0.05374	101		-	-	75-125	-	20
Calcium, Dissolved	73.2	10	84.7	115		-	-	75-125	-	20
Chromium, Dissolved	0.00148	0.2	0.1948	97		-	-	75-125	-	20
Cobalt, Dissolved	ND	0.5	0.4866	97		-	-	75-125	-	20
Copper, Dissolved	0.00598	0.25	0.2592	101		-	-	75-125	-	20
Iron, Dissolved	ND	1	1.04	104		-	-	75-125	-	20
Lead, Dissolved	0.00041J	0.53	0.5358	101		-	-	75-125	-	20
Magnesium, Dissolved	6.23	10	16.1	99		-	-	75-125	-	20
Manganese, Dissolved	0.00520	0.5	0.4930	98		-	-	75-125	-	20
Nickel, Dissolved	0.00296	0.5	0.4835	96		-	-	75-125	-	20
Potassium, Dissolved	11.6	10	21.4	98		-	-	75-125	-	20
Selenium, Dissolved	0.00717	0.12	0.133	105		-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.05277	106		-	-	75-125	-	20
Sodium, Dissolved	217.	10	217	**0**	Q	-	-	75-125	-	20
Thallium, Dissolved	ND	0.12	0.1196	100		-	-	75-125	-	20
Vanadium, Dissolved	0.00371J	0.5	0.4868	97		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357547
Report Date: 10/13/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 19 QC Batch ID: WG1834988-3 QC Sample: L2356839-04 Client ID: MS Sample									
Zinc, Dissolved	ND	0.5	0.4966	99	-	-	75-125	-	20
Dissolved Metals - Mansfield Lab Associated sample(s): 19 QC Batch ID: WG1834989-3 QC Sample: L2357536-01 Client ID: MS Sample									
Mercury, Dissolved	ND	0.005	0.00492	98	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP
Lab Number: L2357547
Report Date: 10/13/23

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): 17 QC Batch ID: WG1835042-3 WG1835042-4 QC Sample: L2357895-01 Client ID: MS Sample									
Aluminum, Total	0.037	2	2.09	103	2.16	106	75-125	3	20
Antimony, Total	ND	0.5	0.4980	100	0.5117	102	75-125	3	20
Arsenic, Total	0.00223	0.12	0.1248	102	0.1288	105	75-125	3	20
Barium, Total	0.0412	2	1.987	97	2.039	100	75-125	3	20
Beryllium, Total	ND	0.05	0.05162	103	0.05328	106	75-125	3	20
Cadmium, Total	ND	0.053	0.05357	101	0.05456	103	75-125	2	20
Calcium, Total	13.6	10	23.9	103	23.3	97	75-125	3	20
Chromium, Total	0.00040J	0.2	0.1902	95	0.1992	100	75-125	5	20
Cobalt, Total	0.0013	0.5	0.4769	95	0.4966	99	75-125	4	20
Copper, Total	0.00102	0.25	0.2495	99	0.2490	99	75-125	0	20
Iron, Total	3.24	1	4.22	98	4.26	102	75-125	1	20
Lead, Total	0.00094J	0.53	0.5419	102	0.5499	104	75-125	1	20
Magnesium, Total	2.40	10	12.8	104	13.0	106	75-125	2	20
Manganese, Total	0.5658	0.5	1.074	102	1.105	108	75-125	3	20
Nickel, Total	0.0013J	0.5	0.4872	97	0.5007	100	75-125	3	20
Potassium, Total	3.41	10	13.7	103	13.7	103	75-125	0	20
Selenium, Total	ND	0.12	0.120	100	0.120	100	75-125	0	20
Silver, Total	ND	0.05	0.05207	104	0.05381	108	75-125	3	20
Sodium, Total	38.9	10	48.4	95	49.9	110	75-125	3	20
Thallium, Total	ND	0.12	0.1135	94	0.1151	96	75-125	1	20
Vanadium, Total	ND	0.5	0.4814	96	0.4952	99	75-125	3	20

Matrix Spike Analysis
Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357547
Report Date: 10/13/23

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): 17 QC Batch ID: WG1835042-3 WG1835042-4 QC Sample: L2357895-01 Client ID: MS Sample									
Zinc, Total	0.00505J	0.5	0.4974	99	0.5116	102	75-125	3	20
Total Metals - Mansfield Lab Associated sample(s): 17 QC Batch ID: WG1835044-3 QC Sample: L2357801-01 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00424	85	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357547
Report Date: 10/13/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 19 QC Batch ID: WG1834988-4 QC Sample: L2356839-04 Client ID: DUP Sample						
Aluminum, Dissolved	0.00745J	0.00794J	mg/l	NC		20
Antimony, Dissolved	0.00168J	0.00193J	mg/l	NC		20
Arsenic, Dissolved	0.00150	0.00166	mg/l	10		20
Barium, Dissolved	0.04036	0.04051	mg/l	0		20
Beryllium, Dissolved	ND	ND	mg/l	NC		20
Cadmium, Dissolved	ND	ND	mg/l	NC		20
Calcium, Dissolved	73.2	72.9	mg/l	0		20
Chromium, Dissolved	0.00148	0.00146	mg/l	1		20
Cobalt, Dissolved	ND	0.00017J	mg/l	NC		20
Copper, Dissolved	0.00598	0.00619	mg/l	3		20
Iron, Dissolved	ND	ND	mg/l	NC		20
Lead, Dissolved	0.00041J	0.00043J	mg/l	NC		20
Magnesium, Dissolved	6.23	6.22	mg/l	0		20
Manganese, Dissolved	0.00520	0.00505	mg/l	3		20
Nickel, Dissolved	0.00296	0.00289	mg/l	2		20
Potassium, Dissolved	11.6	11.6	mg/l	0		20
Selenium, Dissolved	0.00717	0.00728	mg/l	2		20
Silver, Dissolved	ND	ND	mg/l	NC		20
Sodium, Dissolved	217.	218	mg/l	0		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL

Project Number: B2101342.026.01.EXP

Lab Number: L2357547

Report Date: 10/13/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 19 QC Batch ID: WG1834988-4 QC Sample: L2356839-04 Client ID: DUP Sample					
Thallium, Dissolved	ND	0.00031J	mg/l	NC	20
Vanadium, Dissolved	0.00371J	0.00370J	mg/l	NC	20
Zinc, Dissolved	ND	ND	mg/l	NC	20
Dissolved Metals - Mansfield Lab Associated sample(s): 19 QC Batch ID: WG1834989-4 QC Sample: L2357536-01 Client ID: DUP Sample					
Mercury, Dissolved	ND	ND	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 17 QC Batch ID: WG1835044-4 QC Sample: L2357801-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/l	NC	20

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357547
Report Date: 10/13/23

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(*)
L2357547-01A	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		FE-6020T(180),BA-6020T(180),TL-6020T(180),SE-6020T(180),NI-6020T(180),CR-6020T(180),K-6020T(180),CA-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180),MG-6020T(180),AL-6020T(180),CO-6020T(180)
L2357547-02A	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		FE-6020T(180),SE-6020T(180),TL-6020T(180),BA-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CD-6020T(180),CO-6020T(180)
L2357547-03A	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2357547-03B	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2357547-03C	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2357547-03D	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),CD-6020T(180),HG-T(28),AL-6020T(180),AG-6020T(180),MG-6020T(180),CO-6020T(180)
L2357547-04A	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2357547-04B	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2357547-04C	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2357547-04D	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		FE-6020T(180),SE-6020T(180),TL-6020T(180),BA-6020T(180),NI-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),CD-6020T(180),HG-T(28),AL-6020T(180),AG-6020T(180),MG-6020T(180),CO-6020T(180)
L2357547-05A	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		BA-6020T(180),TL-6020T(180),FE-6020T(180),SE-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),MG-6020T(180),HG-T(28),AG-6020T(180),AL-6020T(180),CD-6020T(180),CO-6020T(180)
L2357547-06D	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		FE-6020T(180),SE-6020T(180),TL-6020T(180),BA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),CD-6020T(180),MG-6020T(180),AL-6020T(180),HG-T(28),CO-6020T(180)
L2357547-07A	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		FE-6020T(180),SE-6020T(180),BA-6020T(180),TL-6020T(180),CR-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2357547-08A	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		SE-6020T(180),BA-6020T(180),FE-6020T(180),TL-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),CO-6020T(180)

*Values in parentheses indicate holding time in days

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357547
Report Date: 10/13/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2357547-09A	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		FE-6020T(180),SE-6020T(180),TL-6020T(180),BA-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),MG-6020T(180),AL-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2357547-10A	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		SE-6020T(180),BA-6020T(180),TL-6020T(180),FE-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CD-6020T(180),CO-6020T(180)
L2357547-11A	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2357547-11B	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2357547-11C	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2357547-11D	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		BA-6020T(180),TL-6020T(180),SE-6020T(180),FE-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),CD-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2357547-12A	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2357547-12B	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2357547-12C	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2357547-12D	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		TL-6020T(180),SE-6020T(180),FE-6020T(180),BA-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),MG-6020T(180),AL-6020T(180),HG-T(28),CD-6020T(180),CO-6020T(180)

*Values in parentheses indicate holding time in days

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357547
Report Date: 10/13/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2357547-12D1	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		TL-6020T(180),SE-6020T(180),FE-6020T(180),BA-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),MG-6020T(180),AL-6020T(180),HG-T(28),CD-6020T(180),CO-6020T(180)
L2357547-12D2	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		TL-6020T(180),SE-6020T(180),FE-6020T(180),BA-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),MG-6020T(180),AL-6020T(180),HG-T(28),CD-6020T(180),CO-6020T(180)
L2357547-13A	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		FE-6020T(180),TL-6020T(180),BA-6020T(180),SE-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),CD-6020T(180),AL-6020T(180),MG-6020T(180),HG-T(28),AG-6020T(180),CO-6020T(180)
L2357547-14A	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		BA-6020T(180),TL-6020T(180),SE-6020T(180),FE-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CD-6020T(180),CO-6020T(180)
L2357547-15A	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		TL-6020T(180),FE-6020T(180),SE-6020T(180),BA-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),CR-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),AL-6020T(180),AG-6020T(180),CO-6020T(180)

*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(*)
L2357547-16A	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		SE-6020T(180),TL-6020T(180),FE-6020T(180),BA-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AL-6020T(180),MG-6020T(180),AG-6020T(180),HG-T(28),CD-6020T(180),CO-6020T(180)
L2357547-17A	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2357547-17B	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2357547-17C	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2357547-17D	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),AL-6020T(180),MG-6020T(180),CO-6020T(180)
L2357547-18A	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2357547-18B	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2357547-19A	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		CU-6020S(180),SE-6020S(180),V-6020S(180),K-6020S(180),MN-6020S(180),CO-6020S(180),MG-6020S(180),BE-6020S(180),ZN-6020S(180),FE-6020S(180),CA-6020S(180),CR-6020S(180),TL-6020S(180),NI-6020S(180),PB-6020S(180),NA-6020S(180),BA-6020S(180),AS-6020S(180),SB-6020S(180),AG-6020S(180),HG-S(28),CD-6020S(180),AL-6020S(180)

*Values in parentheses indicate holding time in days

Project Name:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357547
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/13/23

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:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357547
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/13/23

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:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357547
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/13/23

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:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357547
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/13/23

REFERENCES

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

LIMITATION OF LIABILITIES

Alpha Analytical 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 Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical 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 Alpha Analytical.

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
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
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.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

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, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

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

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE 1 OF 2

ALPHA ANALYTICAL

Westborough, MA TEL: 508-898-9220 FAX: 508-898-9193
Mansfield, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 9/30/23

ALPHA Job #: L2357547

Client Information

Client: WSP USA Inc

Address:

Phone: 716-331-4946

Fax:

Email: mark.d.saunders@wsp.com

☐ These samples have been Previously analyzed by Alpha

Project Information

Project Name: Corning Edward Allen Landfill

Project Location:

Project #: B2101342.026 Task: 01.EXP

Project Manager: Mark Saunders

ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ Rush (ONLY IF PRE-APPROVED)

Due Date: Time:

Report Information — Data Deliverables

☐ FAX ☒ EMAIL

☐ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program | Criteria

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS

SAMPLE HANDLING
Filtration
☒ Done
☐ Not Needed
☐ 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	EPA 6010B	EPA 8260B	EPA 7470A	Sample Specific Comments	TOTAL # BOTTLES
57547-01	MW-4S	09/27/23	1435	MW	WXD	☒	☐	☐		1
-02	MW-4D	09/27/23	1425	MW	WXD	☒	☐	☐		1
-03	MW-7S	09/28/23	1540	MW	WXD	☒	☒	☐		4
-04	MW-7D	09/28/23	1535	MW	WXD	☒	☒	☐		4
-05	MW-10S	09/27/23	1040	MW	WXD	☒	☐	☐		1
-06	MW-10D	09/27/23	1120	MW	WXD	☒	☐	☒		2
-07	MW-11S	09/27/23	1640	MW	WXD	☒	☐	☐		1
-08	MW-11D	09/27/23	1555	MW	WXD	☒	☐	☐		1
-09	MW-12S	09/28/23	1125	MW	WXD	☒	☐	☐		1
-10	MW-12D	09/28/23	1145	MW	WXD	☒	☐	☐		1
	Container Type					P	V	P		
	Preservative					C	B	C		

Relinquished By:	Date/Time	Received By:	Date/Time
WK	9/29/23 @ 1215	Dnk	9/29 12:15
			9/30/23 @ 0830

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms

FORM NO. 01-01(A)(I) (rev. 8-JAN-12)

CHAIN OF CUSTODY

PAGE 2 OF 2

ALPHA ANALYTICAL

Westborough, MA TEL: 508-898-9220 FAX: 508-898-9193
Mansfield, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 9/30/23

ALPHA Job #: L2357547

Client Information

Client: WSP USA Inc

Address:

Phone: 716-331-4966

Fax:

Email: mark.d.saunders@wsp.com

☐ These samples have been Previously analyzed by Alpha

Project Information

Project Name: Corning Edward Allen Landfill

Project Location:

Project #: B2101342.026 Task: 01.EXP

Project Manager: Mark Saunders

ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ Rush (ONLY IF PRE-APPROVED)

Due Date: Time:

Other Project Specific Requirements/Comments/Detection Limits:

Report Information — Data Deliverables

☐ FAX ☒ EMAIL

☐ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client Info PO #:

Regulatory Requirements/Report Limits

State/Fed Program | Criteria

ANALYSIS

SAMPLE HANDLING
Filtration
☒ Done
☐ Not Needed
☐ 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	EPA 6010B	EPA 8260B	EPA 7470A	Sample Specific Comments	TOTAL # BOTTLES
7547-11	MW-13S	09/28/23	1410	MW	WXD	☒	☒	☐		4
-12	MW-13D	09/28/23	1405	MW	WXD	☒	☒	☐		3
-12	MW-13D MS	09/28/23	1405	MW	WXD	☒	☐	☐		1
-12	MW-13D MSD	09/28/23	1405	MW	WXD	☒	☐	☐		1
-13	MW-14S	09/26/23	1455	MW	WXD	☒	☐	☐		1
-14	MW-15S	09/26/23	1200	MW	WXD	☒	☐	☐		1
-15	MW-15I	09/26/23	1230	MW	WXD	☒	☐	☐		1
-16	MW-15D	09/26/23	1550	MW	WXD	☒	☐	☐		1
-17	RB	09/28/23	1610	MW	WXD	☒	☒	☐		4
-18	TB	09/28/23	—	—	WXD	☐	☒	☐		2
	Container Type					P	V	P		
	Preservative					C	B	C		

Relinquished By	Date/Time	Received By	Date/Time
WSP	9/29/23@1215	DHL	9/29 12:15
			9/30/23 0830

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

ANALYTICAL REPORT

Lab Number:	L2357560
Client:	WSP 40 La Riviere Drive Suite 320 Buffalo, NY 14202
ATTN:	Mark Saunders
Phone:	(716) 204-5880
Project Name:	CORNING EDWARD ALLEN LANDFILL
Project Number:	B2101342.026.01.EXP
Report Date:	10/12/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357560
Report Date: 10/12/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2357560-01	RW 2047	DW	Not Specified	09/29/23 10:00	09/29/23

Project Name:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357560
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/12/23

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 Alpha 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, solids and tissues are reported on a dry 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, Alpha'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 Alpha Project Manager and made arrangements for Alpha 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:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357560
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/12/23

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.

Sample Receipt

L2357560-01: The collection date and time on the chain of custody was 29-SEP-23 10:45; however, the collection date/time on the container label was 29-SEP-23 10:00. At the client's request, the collection date/time is reported as 29-SEP-23 10:00.

L2357560-01: The analysis performed was specified by the client.

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

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 10/12/23

METALS

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357560

Project Number: B2101342.026.01.EXP **Report Date:** 10/12/23

SAMPLE RESULTS

Lab ID: L2357560-01 Date Collected: 09/29/23 10:00

Client ID: RW 2047 Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	10/05/23 11:34	10/09/23 21:52	EPA 3005A	19,200.7	CEY
Antimony, Total	ND		mg/l	0.0040	0.0004	1	10/05/23 11:34	10/12/23 09:23	EPA 3005A	3,200.8	EJF
Arsenic, Total	0.0006	J	mg/l	0.0010	0.0002	1	10/05/23 11:34	10/12/23 09:23	EPA 3005A	3,200.8	EJF
Barium, Total	0.0081		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/12/23 09:23	EPA 3005A	3,200.8	EJF
Beryllium, Total	ND		mg/l	0.0010	0.0001	1	10/05/23 11:34	10/12/23 09:23	EPA 3005A	3,200.8	EJF
Cadmium, Total	ND		mg/l	0.0002	0.0001	1	10/05/23 11:34	10/12/23 09:23	EPA 3005A	3,200.8	EJF
Calcium, Total	0.109		mg/l	0.100	0.0350	1	10/05/23 11:34	10/09/23 21:52	EPA 3005A	19,200.7	CEY
Chromium, Total	ND		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/12/23 09:23	EPA 3005A	3,200.8	EJF
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	10/05/23 11:34	10/09/23 21:52	EPA 3005A	19,200.7	CEY
Copper, Total	0.0046		mg/l	0.0010	0.0004	1	10/05/23 11:34	10/12/23 09:23	EPA 3005A	3,200.8	EJF
Iron, Total	0.0156	J	mg/l	0.0500	0.0090	1	10/05/23 11:34	10/09/23 21:52	EPA 3005A	19,200.7	CEY
Lead, Total	ND		mg/l	0.0010	0.0003	1	10/05/23 11:34	10/12/23 09:23	EPA 3005A	3,200.8	EJF
Magnesium, Total	0.0252	J	mg/l	0.100	0.0153	1	10/05/23 11:34	10/09/23 21:52	EPA 3005A	19,200.7	CEY
Manganese, Total	ND		mg/l	0.0100	0.0016	1	10/05/23 11:34	10/09/23 21:52	EPA 3005A	19,200.7	CEY
Mercury, Total	ND		mg/l	0.0002	0.0001	1	10/05/23 10:48	10/06/23 13:10	EPA 245.1	3,245.1	GMG
Nickel, Total	ND		mg/l	0.0020	0.0006	1	10/05/23 11:34	10/12/23 09:23	EPA 3005A	3,200.8	EJF
Potassium, Total	ND		mg/l	2.50	0.237	1	10/05/23 11:34	10/09/23 21:52	EPA 3005A	19,200.7	CEY
Selenium, Total	ND		mg/l	0.0050	0.0017	1	10/05/23 11:34	10/12/23 09:23	EPA 3005A	3,200.8	EJF
Silver, Total	ND		mg/l	0.0004	0.0002	1	10/05/23 11:34	10/12/23 09:23	EPA 3005A	3,200.8	EJF
Sodium, Total	114.		mg/l	2.00	0.120	1	10/05/23 11:34	10/09/23 21:52	EPA 3005A	19,200.7	CEY
Thallium, Total	ND		mg/l	0.0010	0.0001	1	10/05/23 11:34	10/12/23 09:23	EPA 3005A	3,200.8	EJF
Vanadium, Total	0.0019	J	mg/l	0.0050	0.0016	1	10/05/23 11:34	10/12/23 09:23	EPA 3005A	3,200.8	EJF
Zinc, Total	0.0061		mg/l	0.0050	0.0034	1	10/05/23 11:34	10/12/23 09:23	EPA 3005A	3,200.8	EJF

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357560

Project Number: B2101342.026.01.EXP **Report Date:** 10/12/23

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 Batch: WG1835937-1										
Aluminum, Total	ND		mg/l	0.100	0.0318	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Calcium, Total	ND		mg/l	0.100	0.0350	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Iron, Total	ND		mg/l	0.0500	0.0090	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Magnesium, Total	ND		mg/l	0.100	0.0153	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Manganese, Total	ND		mg/l	0.0100	0.0016	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Potassium, Total	ND		mg/l	2.50	0.237	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Sodium, Total	ND		mg/l	2.00	0.120	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY

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): 01 Batch: WG1835940-1										
Antimony, Total	ND		mg/l	0.0040	0.0004	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Arsenic, Total	ND		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Barium, Total	ND		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Beryllium, Total	ND		mg/l	0.0010	0.0001	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Cadmium, Total	ND		mg/l	0.0002	0.0001	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Chromium, Total	ND		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Copper, Total	ND		mg/l	0.0010	0.0004	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Lead, Total	ND		mg/l	0.0010	0.0003	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Nickel, Total	ND		mg/l	0.0020	0.0006	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Selenium, Total	ND		mg/l	0.0050	0.0017	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Silver, Total	ND		mg/l	0.0004	0.0002	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Thallium, Total	ND		mg/l	0.0010	0.0001	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Vanadium, Total	0.0022	J	mg/l	0.0050	0.0016	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Zinc, Total	ND		mg/l	0.0050	0.0034	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357560

Project Number: B2101342.026.01.EXP **Report Date:** 10/12/23

Method Blank Analysis
Batch Quality Control

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): 01 Batch: WG1835942-1										
Mercury, Total	ND		mg/l	0.0002	0.0001	1	10/05/23 10:48	10/06/23 13:04	3,245.1	GMG

Prep Information

Digestion Method: EPA 245.1

Lab Control Sample Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL

Project Number: B2101342.026.01.EXP

Lab Number: L2357560

Report Date: 10/12/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1835937-2								
Aluminum, Total	110		-		85-115	-		
Calcium, Total	107		-		85-115	-		
Cobalt, Total	103		-		85-115	-		
Iron, Total	108		-		85-115	-		
Magnesium, Total	107		-		85-115	-		
Manganese, Total	104		-		85-115	-		
Potassium, Total	112		-		85-115	-		
Sodium, Total	109		-		85-115	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL

Project Number: B2101342.026.01.EXP

Lab Number: L2357560

Report Date: 10/12/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1835940-2					
Antimony, Total	101	-	85-115	-	
Arsenic, Total	98	-	85-115	-	
Barium, Total	97	-	85-115	-	
Beryllium, Total	100	-	85-115	-	
Cadmium, Total	105	-	85-115	-	
Chromium, Total	104	-	85-115	-	
Copper, Total	104	-	85-115	-	
Lead, Total	110	-	85-115	-	
Nickel, Total	102	-	85-115	-	
Selenium, Total	93	-	85-115	-	
Silver, Total	114	-	85-115	-	
Thallium, Total	115	-	85-115	-	
Vanadium, Total	110	-	85-115	-	
Zinc, Total	101	-	85-115	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1835942-2					
Mercury, Total	95	-	85-115	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357560
Report Date: 10/12/23

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 QC Batch ID: WG1835937-3 QC Sample: L2356531-01 Client ID: MS Sample												
Aluminum, Total	ND	2	2.61	**130**	Q	-	-		75-125	-		20
Calcium, Total	88.8	10	95.8	**70**	Q	-	-		75-125	-		20
Cobalt, Total	ND	0.5	0.524	105		-	-		75-125	-		20
Iron, Total	0.669	1	1.89	122		-	-		75-125	-		20
Magnesium, Total	10.9	10	21.3	104		-	-		75-125	-		20
Manganese, Total	0.422	0.5	1.02	120		-	-		75-125	-		20
Potassium, Total	2.69	10	16.0	**133**	Q	-	-		75-125	-		20
Sodium, Total	159	10	161	**20**	Q	-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835937-7 QC Sample: L2357070-01 Client ID: MS Sample												
Aluminum, Total	ND	2	1.82	91		-	-		75-125	-		20
Calcium, Total	14.9	10	22.2	**73**	Q	-	-		75-125	-		20
Cobalt, Total	ND	0.5	0.485	97		-	-		75-125	-		20
Iron, Total	0.0124J	1	0.883	88		-	-		75-125	-		20
Magnesium, Total	5.58	10	15.6	100		-	-		75-125	-		20
Manganese, Total	ND	0.5	0.425	85		-	-		75-125	-		20
Potassium, Total	2.92	10	12.0	91		-	-		75-125	-		20
Sodium, Total	6.17	10	14.6	84		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357560
Report Date: 10/12/23

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): 01 QC Batch ID: WG1835940-3 QC Sample: L2356531-01 Client ID: MS Sample									
Antimony, Total	ND	0.5	0.5188	104	-	-	70-130	-	20
Arsenic, Total	ND	0.12	0.1174	98	-	-	70-130	-	20
Barium, Total	0.0059	2	1.981	99	-	-	70-130	-	20
Beryllium, Total	ND	0.05	0.0528	106	-	-	70-130	-	20
Cadmium, Total	ND	0.053	0.0574	108	-	-	70-130	-	20
Chromium, Total	ND	0.2	0.2109	105	-	-	70-130	-	20
Copper, Total	0.0582	0.25	0.3219	105	-	-	70-130	-	20
Lead, Total	ND	0.53	0.5834	110	-	-	70-130	-	20
Nickel, Total	0.0014J	0.5	0.5030	101	-	-	70-130	-	20
Selenium, Total	ND	0.12	0.1172	98	-	-	70-130	-	20
Silver, Total	ND	0.05	0.0567	113	-	-	70-130	-	20
Thallium, Total	ND	0.12	0.1336	111	-	-	70-130	-	20
Vanadium, Total	0.0022J	0.5	0.5392	108	-	-	70-130	-	20
Zinc, Total	0.0323	0.5	0.5412	102	-	-	70-130	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357560
Report Date: 10/12/23

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): 01 QC Batch ID: WG1835940-5 QC Sample: L2357070-01 Client ID: MS Sample									
Antimony, Total	ND	0.5	0.4901	98	-	-	70-130	-	20
Arsenic, Total	ND	0.12	0.1309	109	-	-	70-130	-	20
Barium, Total	0.0676	2	2.276	110	-	-	70-130	-	20
Beryllium, Total	ND	0.05	0.0523	104	-	-	70-130	-	20
Cadmium, Total	ND	0.053	0.0587	111	-	-	70-130	-	20
Chromium, Total	ND	0.2	0.2222	111	-	-	70-130	-	20
Copper, Total	0.0009J	0.25	0.2740	110	-	-	70-130	-	20
Lead, Total	ND	0.53	0.5689	107	-	-	70-130	-	20
Nickel, Total	ND	0.5	0.5230	105	-	-	70-130	-	20
Selenium, Total	ND	0.12	0.1141	95	-	-	70-130	-	20
Silver, Total	ND	0.05	0.0592	118	-	-	70-130	-	20
Thallium, Total	ND	0.12	0.1282	107	-	-	70-130	-	20
Vanadium, Total	0.0021J	0.5	0.5241	105	-	-	70-130	-	20
Zinc, Total	ND	0.5	0.5346	107	-	-	70-130	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835942-3 QC Sample: L2357560-01 Client ID: RW 2047									
Mercury, Total	ND	0.005	0.0046	92	-	-	70-130	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL

Project Number: B2101342.026.01.EXP

Lab Number: L2357560

Report Date: 10/12/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835937-4 QC Sample: L2356531-01 Client ID: DUP Sample						
Iron, Total	0.669	0.666	mg/l	0		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835937-8 QC Sample: L2357070-01 Client ID: DUP Sample						
Calcium, Total	14.9	15.0	mg/l	1		20
Iron, Total	0.0124J	ND	mg/l	NC		20
Magnesium, Total	5.58	5.62	mg/l	1		20
Potassium, Total	2.92	2.97	mg/l	2		20
Sodium, Total	6.17	6.25	mg/l	1		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835940-6 QC Sample: L2357070-01 Client ID: DUP Sample						
Arsenic, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835942-4 QC Sample: L2357560-01 Client ID: RW 2047						
Mercury, Total	ND	ND	mg/l	NC		20

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357560
Report Date: 10/12/23

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(*)
L2357560-01A	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		CD-2008T(180),E&I-FEE(),CA-UI(180),NI-2008T(180),BE-2008T(180),CO-UI(180),K-UI(180),ZN-2008T(180),FE-UI(180),CU-2008T(180),V-2008T(180),MG-UI(180),HG-U(28),AG-2008T(180),SE-2008T(180),AS-2008T(180),MN-UI(180),NA-UI(180),BA-2008T(180),AL-UI(180),CR-2008T(180),PB-2008T(180),SB-2008T(180),TL-2008T(180)

*Values in parentheses indicate holding time in days

Project Name:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357560
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/12/23

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:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357560
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/12/23

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:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357560
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/12/23

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:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357560
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/12/23

REFERENCES

3 Methods for the Determination of Metals in Environmental Samples, Supplement I. EPA/600/R-94/111. May 1994.

19 Inductively Coupled Plasma Atomic Emission Spectrometric Method for Trace Element Analysis of Water and Wastes. Appendix C, Part 136, 40 CFR (Code of Federal Regulations). July 1, 1999 edition.

LIMITATION OF LIABILITIES

Alpha Analytical 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 Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical 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 Alpha Analytical.

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
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
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.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

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, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

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

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE 1 OF 1

Date Rec'd in Lab: 9/30/23

ALPHA Job #: L2357560

Westborough, MA
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA
TEL: 508-822-9300
FAX: 508-822-3288

Project Information

Project Name: Corning Edward Allen Landfill

Project Location:

Project #: B2101342.026 Task: 01.EXP

Project Manager: Mark Saunders

ALPHA Quote #:

Client Information

Client: WSP USA In.c

Address:

Phone: 716-331-4966

Fax:

Email: mark.d.saunders@wsp.com

☐ These samples have been Previously analyzed by Alpha

Turn-Around Time

☒ Standard ☐ Rush (ONLY IF PRE-APPROVED)

Due Date: Time:

Other Project Specific Requirements/Comments/Detection Limits:

Report Information Data Deliverables

☐ FAX ☒ EMAIL

☐ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program Criteria

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	EPA 6010B	EPA 8260B	EPA 7470A											Sample Specific Comments	TOTAL # BOTTLES
57560 -01	RW 2047	09/29/23	1045	DW GW WS	WXD	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐			1
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐			
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐			
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐			
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐			
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐			
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐			
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐			
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐			
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐			

SAMPLE HANDLING
Filtration
☒ Done
☐ Not Needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

Container Type	P	V	P										
Preservative	C	B	C										

Relinquished By:	Date/Time	Received By:	Date/Time
	9/29/23 @ 1215		9/29 12:10
			9/30/23 0050

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

FORM NO. 01-01 (rev. 8-Oct-12)

ANALYTICAL REPORT

Lab Number:	L2357564
Client:	WSP 40 La Riviere Drive Suite 320 Buffalo, NY 14202
ATTN:	Mark Saunders
Phone:	(716) 204-5880
Project Name:	CORNING EDWARD ALLEN LANDFILL
Project Number:	B2101342.026.01.EXP
Report Date:	10/12/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357564
Report Date: 10/12/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2357564-01	RW 2084	DW	Not Specified	09/29/23 10:45	09/29/23

Project Name:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357564
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/12/23

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 Alpha 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, solids and tissues are reported on a dry 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, Alpha'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 Alpha Project Manager and made arrangements for Alpha 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:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357564
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/12/23

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.

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

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 10/12/23

METALS

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357564

Project Number: B2101342.026.01.EXP **Report Date:** 10/12/23

SAMPLE RESULTS

Lab ID: L2357564-01 Date Collected: 09/29/23 10:45

Client ID: RW 2084 Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	10/05/23 11:34	10/09/23 22:38	EPA 3005A	19,200.7	CEY
Antimony, Total	ND		mg/l	0.0040	0.0004	1	10/05/23 11:34	10/12/23 09:26	EPA 3005A	3,200.8	EJF
Arsenic, Total	ND		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/12/23 09:26	EPA 3005A	3,200.8	EJF
Barium, Total	0.8724		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/12/23 09:26	EPA 3005A	3,200.8	EJF
Beryllium, Total	ND		mg/l	0.0010	0.0001	1	10/05/23 11:34	10/12/23 09:26	EPA 3005A	3,200.8	EJF
Cadmium, Total	ND		mg/l	0.0002	0.0001	1	10/05/23 11:34	10/12/23 09:26	EPA 3005A	3,200.8	EJF
Calcium, Total	39.9		mg/l	0.100	0.0350	1	10/05/23 11:34	10/09/23 22:38	EPA 3005A	19,200.7	CEY
Chromium, Total	ND		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/12/23 09:26	EPA 3005A	3,200.8	EJF
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	10/05/23 11:34	10/09/23 22:38	EPA 3005A	19,200.7	CEY
Copper, Total	0.0116		mg/l	0.0010	0.0004	1	10/05/23 11:34	10/12/23 09:26	EPA 3005A	3,200.8	EJF
Iron, Total	0.396		mg/l	0.0500	0.0090	1	10/05/23 11:34	10/09/23 22:38	EPA 3005A	19,200.7	CEY
Lead, Total	0.0013		mg/l	0.0010	0.0003	1	10/05/23 11:34	10/12/23 09:26	EPA 3005A	3,200.8	EJF
Magnesium, Total	10.4		mg/l	0.100	0.0153	1	10/05/23 11:34	10/09/23 22:38	EPA 3005A	19,200.7	CEY
Manganese, Total	0.237		mg/l	0.0100	0.0016	1	10/05/23 11:34	10/09/23 22:38	EPA 3005A	19,200.7	CEY
Mercury, Total	0.0002	J	mg/l	0.0002	0.0001	1	10/05/23 10:48	10/06/23 13:30	EPA 245.1	3,245.1	GMG
Nickel, Total	0.0008	J	mg/l	0.0020	0.0006	1	10/05/23 11:34	10/12/23 09:26	EPA 3005A	3,200.8	EJF
Potassium, Total	1.90	J	mg/l	2.50	0.237	1	10/05/23 11:34	10/09/23 22:38	EPA 3005A	19,200.7	CEY
Selenium, Total	ND		mg/l	0.0050	0.0017	1	10/05/23 11:34	10/12/23 09:26	EPA 3005A	3,200.8	EJF
Silver, Total	ND		mg/l	0.0004	0.0002	1	10/05/23 11:34	10/12/23 09:26	EPA 3005A	3,200.8	EJF
Sodium, Total	57.2		mg/l	2.00	0.120	1	10/05/23 11:34	10/09/23 22:38	EPA 3005A	19,200.7	CEY
Thallium, Total	ND		mg/l	0.0010	0.0001	1	10/05/23 11:34	10/12/23 09:26	EPA 3005A	3,200.8	EJF
Vanadium, Total	0.0026	J	mg/l	0.0050	0.0016	1	10/05/23 11:34	10/12/23 09:26	EPA 3005A	3,200.8	EJF
Zinc, Total	0.1954		mg/l	0.0050	0.0034	1	10/05/23 11:34	10/12/23 09:26	EPA 3005A	3,200.8	EJF

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357564

Project Number: B2101342.026.01.EXP **Report Date:** 10/12/23

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 Batch: WG1835937-1										
Aluminum, Total	ND		mg/l	0.100	0.0318	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Calcium, Total	ND		mg/l	0.100	0.0350	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Iron, Total	ND		mg/l	0.0500	0.0090	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Magnesium, Total	ND		mg/l	0.100	0.0153	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Manganese, Total	ND		mg/l	0.0100	0.0016	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Potassium, Total	ND		mg/l	2.50	0.237	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Sodium, Total	ND		mg/l	2.00	0.120	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY

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): 01 Batch: WG1835940-1										
Antimony, Total	ND		mg/l	0.0040	0.0004	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Arsenic, Total	ND		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Barium, Total	ND		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Beryllium, Total	ND		mg/l	0.0010	0.0001	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Cadmium, Total	ND		mg/l	0.0002	0.0001	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Chromium, Total	ND		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Copper, Total	ND		mg/l	0.0010	0.0004	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Lead, Total	ND		mg/l	0.0010	0.0003	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Nickel, Total	ND		mg/l	0.0020	0.0006	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Selenium, Total	ND		mg/l	0.0050	0.0017	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Silver, Total	ND		mg/l	0.0004	0.0002	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Thallium, Total	ND		mg/l	0.0010	0.0001	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Vanadium, Total	0.0022	J	mg/l	0.0050	0.0016	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Zinc, Total	ND		mg/l	0.0050	0.0034	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357564

Project Number: B2101342.026.01.EXP **Report Date:** 10/12/23

Method Blank Analysis
Batch Quality Control

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): 01 Batch: WG1835942-1										
Mercury, Total	ND		mg/l	0.0002	0.0001	1	10/05/23 10:48	10/06/23 13:04	3,245.1	GMG

Prep Information

Digestion Method: EPA 245.1

Lab Control Sample Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL

Project Number: B2101342.026.01.EXP

Lab Number: L2357564

Report Date: 10/12/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1835937-2								
Aluminum, Total	110		-		85-115	-		
Calcium, Total	107		-		85-115	-		
Cobalt, Total	103		-		85-115	-		
Iron, Total	108		-		85-115	-		
Magnesium, Total	107		-		85-115	-		
Manganese, Total	104		-		85-115	-		
Potassium, Total	112		-		85-115	-		
Sodium, Total	109		-		85-115	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL

Project Number: B2101342.026.01.EXP

Lab Number: L2357564

Report Date: 10/12/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1835940-2					
Antimony, Total	101	-	85-115	-	
Arsenic, Total	98	-	85-115	-	
Barium, Total	97	-	85-115	-	
Beryllium, Total	100	-	85-115	-	
Cadmium, Total	105	-	85-115	-	
Chromium, Total	104	-	85-115	-	
Copper, Total	104	-	85-115	-	
Lead, Total	110	-	85-115	-	
Nickel, Total	102	-	85-115	-	
Selenium, Total	93	-	85-115	-	
Silver, Total	114	-	85-115	-	
Thallium, Total	115	-	85-115	-	
Vanadium, Total	110	-	85-115	-	
Zinc, Total	101	-	85-115	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1835942-2					
Mercury, Total	95	-	85-115	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357564
Report Date: 10/12/23

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 QC Batch ID: WG1835937-3 QC Sample: L2356531-01 Client ID: MS Sample												
Aluminum, Total	ND	2	2.61	**130**	Q	-	-		75-125	-		20
Calcium, Total	88.8	10	95.8	**70**	Q	-	-		75-125	-		20
Cobalt, Total	ND	0.5	0.524	105		-	-		75-125	-		20
Iron, Total	0.669	1	1.89	122		-	-		75-125	-		20
Magnesium, Total	10.9	10	21.3	104		-	-		75-125	-		20
Manganese, Total	0.422	0.5	1.02	120		-	-		75-125	-		20
Potassium, Total	2.69	10	16.0	**133**	Q	-	-		75-125	-		20
Sodium, Total	159	10	161	**20**	Q	-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835937-7 QC Sample: L2357070-01 Client ID: MS Sample												
Aluminum, Total	ND	2	1.82	91		-	-		75-125	-		20
Calcium, Total	14.9	10	22.2	**73**	Q	-	-		75-125	-		20
Cobalt, Total	ND	0.5	0.485	97		-	-		75-125	-		20
Iron, Total	0.0124J	1	0.883	88		-	-		75-125	-		20
Magnesium, Total	5.58	10	15.6	100		-	-		75-125	-		20
Manganese, Total	ND	0.5	0.425	85		-	-		75-125	-		20
Potassium, Total	2.92	10	12.0	91		-	-		75-125	-		20
Sodium, Total	6.17	10	14.6	84		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357564
Report Date: 10/12/23

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): 01 QC Batch ID: WG1835940-3 QC Sample: L2356531-01 Client ID: MS Sample									
Antimony, Total	ND	0.5	0.5188	104	-	-	70-130	-	20
Arsenic, Total	ND	0.12	0.1174	98	-	-	70-130	-	20
Barium, Total	0.0059	2	1.981	99	-	-	70-130	-	20
Beryllium, Total	ND	0.05	0.0528	106	-	-	70-130	-	20
Cadmium, Total	ND	0.053	0.0574	108	-	-	70-130	-	20
Chromium, Total	ND	0.2	0.2109	105	-	-	70-130	-	20
Copper, Total	0.0582	0.25	0.3219	105	-	-	70-130	-	20
Lead, Total	ND	0.53	0.5834	110	-	-	70-130	-	20
Nickel, Total	0.0014J	0.5	0.5030	101	-	-	70-130	-	20
Selenium, Total	ND	0.12	0.1172	98	-	-	70-130	-	20
Silver, Total	ND	0.05	0.0567	113	-	-	70-130	-	20
Thallium, Total	ND	0.12	0.1336	111	-	-	70-130	-	20
Vanadium, Total	0.0022J	0.5	0.5392	108	-	-	70-130	-	20
Zinc, Total	0.0323	0.5	0.5412	102	-	-	70-130	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357564
Report Date: 10/12/23

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): 01 QC Batch ID: WG1835940-5 QC Sample: L2357070-01 Client ID: MS Sample									
Antimony, Total	ND	0.5	0.4901	98	-	-	70-130	-	20
Arsenic, Total	ND	0.12	0.1309	109	-	-	70-130	-	20
Barium, Total	0.0676	2	2.276	110	-	-	70-130	-	20
Beryllium, Total	ND	0.05	0.0523	104	-	-	70-130	-	20
Cadmium, Total	ND	0.053	0.0587	111	-	-	70-130	-	20
Chromium, Total	ND	0.2	0.2222	111	-	-	70-130	-	20
Copper, Total	0.0009J	0.25	0.2740	110	-	-	70-130	-	20
Lead, Total	ND	0.53	0.5689	107	-	-	70-130	-	20
Nickel, Total	ND	0.5	0.5230	105	-	-	70-130	-	20
Selenium, Total	ND	0.12	0.1141	95	-	-	70-130	-	20
Silver, Total	ND	0.05	0.0592	118	-	-	70-130	-	20
Thallium, Total	ND	0.12	0.1282	107	-	-	70-130	-	20
Vanadium, Total	0.0021J	0.5	0.5241	105	-	-	70-130	-	20
Zinc, Total	ND	0.5	0.5346	107	-	-	70-130	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835942-3 QC Sample: L2357560-01 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.0046	92	-	-	70-130	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL

Project Number: B2101342.026.01.EXP

Lab Number: L2357564

Report Date: 10/12/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835937-4 QC Sample: L2356531-01 Client ID: DUP Sample						
Iron, Total	0.669	0.666	mg/l	0		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835937-8 QC Sample: L2357070-01 Client ID: DUP Sample						
Calcium, Total	14.9	15.0	mg/l	1		20
Iron, Total	0.0124J	ND	mg/l	NC		20
Magnesium, Total	5.58	5.62	mg/l	1		20
Potassium, Total	2.92	2.97	mg/l	2		20
Sodium, Total	6.17	6.25	mg/l	1		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835940-6 QC Sample: L2357070-01 Client ID: DUP Sample						
Arsenic, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835942-4 QC Sample: L2357560-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357564
Report Date: 10/12/23

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(*)
L2357564-01A	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		CD-2008T(180),E&I-FEE(),CA-UI(180),NI-2008T(180),CO-UI(180),K-UI(180),ZN-2008T(180),BE-2008T(180),MG-UI(180),FE-UI(180),V-2008T(180),CU-2008T(180),AS-2008T(180),HG-U(28),AG-2008T(180),SE-2008T(180),MN-UI(180),AL-UI(180),BA-2008T(180),NA-UI(180),CR-2008T(180),SB-2008T(180),PB-2008T(180),TL-2008T(180)

*Values in parentheses indicate holding time in days

Project Name:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357564
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GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357564
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/12/23

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:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357564
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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:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357564
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/12/23

REFERENCES

3 Methods for the Determination of Metals in Environmental Samples, Supplement I. EPA/600/R-94/111. May 1994.

19 Inductively Coupled Plasma Atomic Emission Spectrometric Method for Trace Element Analysis of Water and Wastes. Appendix C, Part 136, 40 CFR (Code of Federal Regulations). July 1, 1999 edition.

LIMITATION OF LIABILITIES

Alpha Analytical 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 Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical 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 Alpha Analytical.

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
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
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.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

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, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

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

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE 1 OF 1

ALPHA ANALYTICAL

Westborough, MA TEL: 508-898-9220 FAX: 508-898-9193
Mansfield, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 9/30/23

ALPHA Job #: L2357564

Project Information

Project Name: Corning Edward Allen Landfill

Project Location:

Project #: B2101342.026 Task: 01.EXP

Project Manager: Mark Saunders

ALPHA Quote #:

Report Information — Data Deliverables

☐ FAX ☒ EMAIL

☐ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program | Criteria

Client Information

Client: WSP USA Inc

Address:

Phone: 716-331-4966

Fax:

Email: mark.d.saunders@wsp.com

☐ These samples have been Previously analyzed by Alpha

Turn-Around Time

☒ Standard ☐ Rush (ONLY IF PRE-APPROVED)

Due Date: Time:

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS

SAMPLE HANDLING
Filtration
☒ Done
☐ Not Needed
☐ 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	EPA 6010B	EPA 8260B	EPA 7470A	Sample Specific Comments	TOTAL # BOTTLES
57564-01	RW2084	09/29/23	1045	DW GW WP	WXD	☒	☐	☐		1
						☐	☐	☐		
						☐	☐	☐		
						☐	☐	☐		
						☐	☐	☐		
						☐	☐	☐		
						☐	☐	☐		
						☐	☐	☐		
						☐	☐	☐		
						☐	☐	☐		

Container Type	P	V	P	-	-	-	-	-	-	-	-	-	-
Preservative	C	B	C	-	-	-	-	-	-	-	-	-	-

Relinquished By:	Date/Time	Received By	Date/Time
WSP	9/29/23 1215		9/29 12:15
			9/30/23 0030

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

FORM NO. 01-01(HC) (rev. 5-JAN-12)

ANALYTICAL REPORT

Lab Number:	L2357567
Client:	WSP 40 La Riviere Drive Suite 320 Buffalo, NY 14202
ATTN:	Mark Saunders
Phone:	(716) 204-5880
Project Name:	CORNING EDWARD ALLEN LANDFILL
Project Number:	B2101342.026.01.EXP
Report Date:	10/13/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357567
Report Date: 10/13/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2357567-01	RW 2094	DW	Not Specified	09/29/23 10:45	09/29/23

Project Name:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357567
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/13/23

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 Alpha 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, solids and tissues are reported on a dry 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, Alpha'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 Alpha Project Manager and made arrangements for Alpha 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:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357567
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/13/23

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.

Sample Receipt

L2357567-01: The collection date and time on the chain of custody was 29-SEP-23 10:00; however, the collection date/time on the container label was 29-SEP-23 10:45. At the client's request, the collection date/time is reported as 29-SEP-23 10:45.

Total Metals

L2357567-01: The sample has a detection that exceeds the Maximum Contaminant Level (MCL).

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

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 10/13/23

METALS

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357567

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357567-01 Date Collected: 09/29/23 10:45

Client ID: RW 2094 Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	10/05/23 11:34	10/09/23 22:41	EPA 3005A	19,200.7	CEY
Antimony, Total	ND		mg/l	0.0040	0.0004	1	10/05/23 11:34	10/12/23 09:30	EPA 3005A	3,200.8	EJF
Arsenic, Total	ND		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/12/23 09:30	EPA 3005A	3,200.8	EJF
Barium, Total	2.730		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/12/23 09:30	EPA 3005A	3,200.8	EJF
Beryllium, Total	ND		mg/l	0.0010	0.0001	1	10/05/23 11:34	10/12/23 09:30	EPA 3005A	3,200.8	EJF
Cadmium, Total	ND		mg/l	0.0002	0.0001	1	10/05/23 11:34	10/12/23 09:30	EPA 3005A	3,200.8	EJF
Calcium, Total	37.5		mg/l	0.100	0.0350	1	10/05/23 11:34	10/09/23 22:41	EPA 3005A	19,200.7	CEY
Chromium, Total	ND		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/12/23 09:30	EPA 3005A	3,200.8	EJF
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	10/05/23 11:34	10/09/23 22:41	EPA 3005A	19,200.7	CEY
Copper, Total	0.0056		mg/l	0.0010	0.0004	1	10/05/23 11:34	10/12/23 09:30	EPA 3005A	3,200.8	EJF
Iron, Total	0.191		mg/l	0.0500	0.0090	1	10/05/23 11:34	10/09/23 22:41	EPA 3005A	19,200.7	CEY
Lead, Total	0.0004	J	mg/l	0.0010	0.0003	1	10/05/23 11:34	10/12/23 09:30	EPA 3005A	3,200.8	EJF
Magnesium, Total	9.31		mg/l	0.100	0.0153	1	10/05/23 11:34	10/09/23 22:41	EPA 3005A	19,200.7	CEY
Manganese, Total	0.0711		mg/l	0.0100	0.0016	1	10/05/23 11:34	10/09/23 22:41	EPA 3005A	19,200.7	CEY
Mercury, Total	ND		mg/l	0.0002	0.0001	1	10/10/23 10:37	10/10/23 21:28	EPA 245.1	3,245.1	DJR
Nickel, Total	0.0008	J	mg/l	0.0020	0.0006	1	10/05/23 11:34	10/12/23 09:30	EPA 3005A	3,200.8	EJF
Potassium, Total	3.74		mg/l	2.50	0.237	1	10/05/23 11:34	10/09/23 22:41	EPA 3005A	19,200.7	CEY
Selenium, Total	0.0048	J	mg/l	0.0050	0.0017	1	10/05/23 11:34	10/12/23 09:30	EPA 3005A	3,200.8	EJF
Silver, Total	ND		mg/l	0.0004	0.0002	1	10/05/23 11:34	10/12/23 09:30	EPA 3005A	3,200.8	EJF
Sodium, Total	225.		mg/l	2.00	0.120	1	10/05/23 11:34	10/09/23 22:41	EPA 3005A	19,200.7	CEY
Thallium, Total	ND		mg/l	0.0010	0.0001	1	10/05/23 11:34	10/12/23 09:30	EPA 3005A	3,200.8	EJF
Vanadium, Total	0.0030	J	mg/l	0.0050	0.0016	1	10/05/23 11:34	10/12/23 09:30	EPA 3005A	3,200.8	EJF
Zinc, Total	0.0085		mg/l	0.0050	0.0034	1	10/05/23 11:34	10/12/23 09:30	EPA 3005A	3,200.8	EJF

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357567

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

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 Batch: WG1835937-1										
Aluminum, Total	ND		mg/l	0.100	0.0318	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Calcium, Total	ND		mg/l	0.100	0.0350	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Iron, Total	ND		mg/l	0.0500	0.0090	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Magnesium, Total	ND		mg/l	0.100	0.0153	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Manganese, Total	ND		mg/l	0.0100	0.0016	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Potassium, Total	ND		mg/l	2.50	0.237	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Sodium, Total	ND		mg/l	2.00	0.120	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY

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): 01 Batch: WG1835940-1										
Antimony, Total	ND		mg/l	0.0040	0.0004	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Arsenic, Total	ND		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Barium, Total	ND		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Beryllium, Total	ND		mg/l	0.0010	0.0001	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Cadmium, Total	ND		mg/l	0.0002	0.0001	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Chromium, Total	ND		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Copper, Total	ND		mg/l	0.0010	0.0004	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Lead, Total	ND		mg/l	0.0010	0.0003	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Nickel, Total	ND		mg/l	0.0020	0.0006	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Selenium, Total	ND		mg/l	0.0050	0.0017	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Silver, Total	ND		mg/l	0.0004	0.0002	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Thallium, Total	ND		mg/l	0.0010	0.0001	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Vanadium, Total	0.0022	J	mg/l	0.0050	0.0016	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Zinc, Total	ND		mg/l	0.0050	0.0034	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357567

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

Method Blank Analysis
Batch Quality Control

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): 01 Batch: WG1837754-1										
Mercury, Total	ND		mg/l	0.0002	0.0001	1	10/10/23 10:37	10/10/23 21:22	3,245.1	DJR

Prep Information

Digestion Method: EPA 245.1

Lab Control Sample Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL

Project Number: B2101342.026.01.EXP

Lab Number: L2357567

Report Date: 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1835937-2								
Aluminum, Total	110		-		85-115	-		
Calcium, Total	107		-		85-115	-		
Cobalt, Total	103		-		85-115	-		
Iron, Total	108		-		85-115	-		
Magnesium, Total	107		-		85-115	-		
Manganese, Total	104		-		85-115	-		
Potassium, Total	112		-		85-115	-		
Sodium, Total	109		-		85-115	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL

Project Number: B2101342.026.01.EXP

Lab Number: L2357567

Report Date: 10/13/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1835940-2					
Antimony, Total	101	-	85-115	-	
Arsenic, Total	98	-	85-115	-	
Barium, Total	97	-	85-115	-	
Beryllium, Total	100	-	85-115	-	
Cadmium, Total	105	-	85-115	-	
Chromium, Total	104	-	85-115	-	
Copper, Total	104	-	85-115	-	
Lead, Total	110	-	85-115	-	
Nickel, Total	102	-	85-115	-	
Selenium, Total	93	-	85-115	-	
Silver, Total	114	-	85-115	-	
Thallium, Total	115	-	85-115	-	
Vanadium, Total	110	-	85-115	-	
Zinc, Total	101	-	85-115	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1837754-2					
Mercury, Total	92	-	85-115	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357567
Report Date: 10/13/23

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 QC Batch ID: WG1835937-3 QC Sample: L2356531-01 Client ID: MS Sample												
Aluminum, Total	ND	2	2.61	**130**	Q	-	-		75-125	-		20
Calcium, Total	88.8	10	95.8	**70**	Q	-	-		75-125	-		20
Cobalt, Total	ND	0.5	0.524	105		-	-		75-125	-		20
Iron, Total	0.669	1	1.89	122		-	-		75-125	-		20
Magnesium, Total	10.9	10	21.3	104		-	-		75-125	-		20
Manganese, Total	0.422	0.5	1.02	120		-	-		75-125	-		20
Potassium, Total	2.69	10	16.0	**133**	Q	-	-		75-125	-		20
Sodium, Total	159	10	161	**20**	Q	-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835937-7 QC Sample: L2357070-01 Client ID: MS Sample												
Aluminum, Total	ND	2	1.82	91		-	-		75-125	-		20
Calcium, Total	14.9	10	22.2	**73**	Q	-	-		75-125	-		20
Cobalt, Total	ND	0.5	0.485	97		-	-		75-125	-		20
Iron, Total	0.0124J	1	0.883	88		-	-		75-125	-		20
Magnesium, Total	5.58	10	15.6	100		-	-		75-125	-		20
Manganese, Total	ND	0.5	0.425	85		-	-		75-125	-		20
Potassium, Total	2.92	10	12.0	91		-	-		75-125	-		20
Sodium, Total	6.17	10	14.6	84		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357567
Report Date: 10/13/23

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): 01 QC Batch ID: WG1835940-3 QC Sample: L2356531-01 Client ID: MS Sample									
Antimony, Total	ND	0.5	0.5188	104	-	-	70-130	-	20
Arsenic, Total	ND	0.12	0.1174	98	-	-	70-130	-	20
Barium, Total	0.0059	2	1.981	99	-	-	70-130	-	20
Beryllium, Total	ND	0.05	0.0528	106	-	-	70-130	-	20
Cadmium, Total	ND	0.053	0.0574	108	-	-	70-130	-	20
Chromium, Total	ND	0.2	0.2109	105	-	-	70-130	-	20
Copper, Total	0.0582	0.25	0.3219	105	-	-	70-130	-	20
Lead, Total	ND	0.53	0.5834	110	-	-	70-130	-	20
Nickel, Total	0.0014J	0.5	0.5030	101	-	-	70-130	-	20
Selenium, Total	ND	0.12	0.1172	98	-	-	70-130	-	20
Silver, Total	ND	0.05	0.0567	113	-	-	70-130	-	20
Thallium, Total	ND	0.12	0.1336	111	-	-	70-130	-	20
Vanadium, Total	0.0022J	0.5	0.5392	108	-	-	70-130	-	20
Zinc, Total	0.0323	0.5	0.5412	102	-	-	70-130	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357567
Report Date: 10/13/23

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): 01 QC Batch ID: WG1835940-5 QC Sample: L2357070-01 Client ID: MS Sample									
Antimony, Total	ND	0.5	0.4901	98	-	-	70-130	-	20
Arsenic, Total	ND	0.12	0.1309	109	-	-	70-130	-	20
Barium, Total	0.0676	2	2.276	110	-	-	70-130	-	20
Beryllium, Total	ND	0.05	0.0523	104	-	-	70-130	-	20
Cadmium, Total	ND	0.053	0.0587	111	-	-	70-130	-	20
Chromium, Total	ND	0.2	0.2222	111	-	-	70-130	-	20
Copper, Total	0.0009J	0.25	0.2740	110	-	-	70-130	-	20
Lead, Total	ND	0.53	0.5689	107	-	-	70-130	-	20
Nickel, Total	ND	0.5	0.5230	105	-	-	70-130	-	20
Selenium, Total	ND	0.12	0.1141	95	-	-	70-130	-	20
Silver, Total	ND	0.05	0.0592	118	-	-	70-130	-	20
Thallium, Total	ND	0.12	0.1282	107	-	-	70-130	-	20
Vanadium, Total	0.0021J	0.5	0.5241	105	-	-	70-130	-	20
Zinc, Total	ND	0.5	0.5346	107	-	-	70-130	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1837754-3 QC Sample: L2357567-01 Client ID: RW 2094									
Mercury, Total	ND	0.005	0.0053	105	-	-	70-130	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL

Project Number: B2101342.026.01.EXP

Lab Number: L2357567

Report Date: 10/13/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835937-4 QC Sample: L2356531-01 Client ID: DUP Sample						
Iron, Total	0.669	0.666	mg/l	0		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835937-8 QC Sample: L2357070-01 Client ID: DUP Sample						
Calcium, Total	14.9	15.0	mg/l	1		20
Iron, Total	0.0124J	ND	mg/l	NC		20
Magnesium, Total	5.58	5.62	mg/l	1		20
Potassium, Total	2.92	2.97	mg/l	2		20
Sodium, Total	6.17	6.25	mg/l	1		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835940-6 QC Sample: L2357070-01 Client ID: DUP Sample						
Arsenic, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1837754-4 QC Sample: L2357567-01 Client ID: RW 2094						
Mercury, Total	ND	ND	mg/l	NC		20

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357567
Report Date: 10/13/23

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(*)
L2357567-01A	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		CD-2008T(180),E&I-FEE(),CA-UI(180),NI-2008T(180),CO-UI(180),BE-2008T(180),ZN-2008T(180),K-UI(180),CU-2008T(180),FE-UI(180),V-2008T(180),MG-UI(180),SE-2008T(180),AS-2008T(180),HG-U(28),AG-2008T(180),AL-UI(180),BA-2008T(180),MN-UI(180),NA-UI(180),TL-2008T(180),SB-2008T(180),PB-2008T(180),CR-2008T(180)

*Values in parentheses indicate holding time in days

Project Name:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357567
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/13/23

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:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357567
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/13/23

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:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357567
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/13/23

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:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357567
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/13/23

REFERENCES

3 Methods for the Determination of Metals in Environmental Samples, Supplement I. EPA/600/R-94/111. May 1994.

19 Inductively Coupled Plasma Atomic Emission Spectrometric Method for Trace Element Analysis of Water and Wastes. Appendix C, Part 136, 40 CFR (Code of Federal Regulations). July 1, 1999 edition.

LIMITATION OF LIABILITIES

Alpha Analytical 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 Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical 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 Alpha Analytical.

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
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
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.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

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, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

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

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE 1 OF 1

Date Rec'd in Lab: 9/30/23

ALPHA Job #: L2357567

Westborough, MA
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA
TEL: 508-822-9300
FAX: 508-822-3288

Client Information

Client: WSP USA Inc

Address:

Phone: 716-331-4966

Fax:

Email: mark.d saunders@wsp.com

☐ These samples have been Previously analyzed by Alpha

Project Information

Project Name: Corning Edward Allen Landfill

Project Location:

Project #: B2101342.026 Task: 01.EXP

Project Manager: Mark Saunders

ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ Rush (ONLY IF PRE-APPROVED)

Due Date: Time:

Other Project Specific Requirements/Comments/Detection Limits:

Report Information Data Deliverables

☐ FAX ☒ EMAIL

☐ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program Criteria

ANALYSIS

SAMPLE HANDLING

Filtration
☒ Done
☐ Not Needed
☐ Lab to do

Preservation
☐ Lab to do

(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	EPA 6010B	EPA 8260B	EPA 7470A										Sample Specific Comments	TOTAL # BOTTLES
57567-01	RW 2094	09/29/23	1000	DW GW SO	WXD	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		1
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		

Container Type	P	V	P	-	-	-	-	-	-	-	-	-		
Preservative	C	B	C	-	-	-	-	-	-	-	-	-		

Relinquished By	Date/Time	Received By	Date/Time
	9/29/23 1215		9/29 12:15
			9/30/23 0030

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

FORM NO: 01-01(rev) (rev. 5-JAN-12)

APPENDIX

D

Homeowner Transmittal Letters

December 1, 2023

Delivered Via Federal Express (Tracking Number: 7743 1249 1660)

Raden A. and Maureen Subroto
2094 Bailey Creek Road
Corning, New York 14830

Subject: 2023 Annual Well Water Sample Collection

Dear Mr. and Mrs. Subroto:

Over the past several years, annual well water samples have been collected at your property in association with the closure of the Edward Allen Landfill. As before, and in accordance with the long-term monitoring requirements for the Edward Allen Landfill, a copy of the well water sample results is being provided to you, to the New York State Department of Environmental Conservation (NYSDEC), and to the New York State Department of Health.

On September 29, 2023, a representative from WSP USA Inc. (WSP) collected a water sample from the residential well at your property. We have enclosed the results of the well sampling performed at your property. The results of the well sampling are shown on the attached laboratory report.

We very much appreciate your continued cooperation with our monitoring activities. WSP will provide the test results of future sampling events, until such time that monitoring at your property is no longer required by NYSDEC. Adam Morgan is the NYSDEC project manager for the Edward Allen Landfill and can be reached at (585) 226-5356 or at adam.morgan@dec.ny.gov .

Sincerely yours,

Mark Saunders

Senior Consultant, Project Manager
C 716 331-4966
mark.d.saunders@wsp.com

Craig Anderson

Practice Leader
C 612-877-0091
craig.anderson@wsp.com

Attachment: Laboratory Analytical Results

CC: NYSDEC, Division of Environmental Remediation, Adam Morgan

WSP USA
40 La Riviere Dr., Ste. 320
Buffalo, New York 14202

Tel.: 1 (716) 853-1220
wsp.com

ANALYTICAL REPORT

Lab Number:	L2357567
Client:	WSP 40 La Riviere Drive Suite 320 Buffalo, NY 14202
ATTN:	Mark Saunders
Phone:	(716) 204-5880
Project Name:	CORNING EDWARD ALLEN LANDFILL
Project Number:	B2101342.026.01.EXP
Report Date:	10/13/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357567
Report Date: 10/13/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2357567-01	RW 2094	DW	Not Specified	09/29/23 10:45	09/29/23

Project Name:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357567
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/13/23

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 Alpha 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, solids and tissues are reported on a dry 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, Alpha'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 Alpha Project Manager and made arrangements for Alpha 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:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357567
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/13/23

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.

Sample Receipt

L2357567-01: The collection date and time on the chain of custody was 29-SEP-23 10:00; however, the collection date/time on the container label was 29-SEP-23 10:45. At the client's request, the collection date/time is reported as 29-SEP-23 10:45.

Total Metals

L2357567-01: The sample has a detection that exceeds the Maximum Contaminant Level (MCL).

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

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 10/13/23

METALS

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357567

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

SAMPLE RESULTS

Lab ID: L2357567-01 Date Collected: 09/29/23 10:45

Client ID: RW 2094 Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	10/05/23 11:34	10/09/23 22:41	EPA 3005A	19,200.7	CEY
Antimony, Total	ND		mg/l	0.0040	0.0004	1	10/05/23 11:34	10/12/23 09:30	EPA 3005A	3,200.8	EJF
Arsenic, Total	ND		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/12/23 09:30	EPA 3005A	3,200.8	EJF
Barium, Total	2.730		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/12/23 09:30	EPA 3005A	3,200.8	EJF
Beryllium, Total	ND		mg/l	0.0010	0.0001	1	10/05/23 11:34	10/12/23 09:30	EPA 3005A	3,200.8	EJF
Cadmium, Total	ND		mg/l	0.0002	0.0001	1	10/05/23 11:34	10/12/23 09:30	EPA 3005A	3,200.8	EJF
Calcium, Total	37.5		mg/l	0.100	0.0350	1	10/05/23 11:34	10/09/23 22:41	EPA 3005A	19,200.7	CEY
Chromium, Total	ND		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/12/23 09:30	EPA 3005A	3,200.8	EJF
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	10/05/23 11:34	10/09/23 22:41	EPA 3005A	19,200.7	CEY
Copper, Total	0.0056		mg/l	0.0010	0.0004	1	10/05/23 11:34	10/12/23 09:30	EPA 3005A	3,200.8	EJF
Iron, Total	0.191		mg/l	0.0500	0.0090	1	10/05/23 11:34	10/09/23 22:41	EPA 3005A	19,200.7	CEY
Lead, Total	0.0004	J	mg/l	0.0010	0.0003	1	10/05/23 11:34	10/12/23 09:30	EPA 3005A	3,200.8	EJF
Magnesium, Total	9.31		mg/l	0.100	0.0153	1	10/05/23 11:34	10/09/23 22:41	EPA 3005A	19,200.7	CEY
Manganese, Total	0.0711		mg/l	0.0100	0.0016	1	10/05/23 11:34	10/09/23 22:41	EPA 3005A	19,200.7	CEY
Mercury, Total	ND		mg/l	0.0002	0.0001	1	10/10/23 10:37	10/10/23 21:28	EPA 245.1	3,245.1	DJR
Nickel, Total	0.0008	J	mg/l	0.0020	0.0006	1	10/05/23 11:34	10/12/23 09:30	EPA 3005A	3,200.8	EJF
Potassium, Total	3.74		mg/l	2.50	0.237	1	10/05/23 11:34	10/09/23 22:41	EPA 3005A	19,200.7	CEY
Selenium, Total	0.0048	J	mg/l	0.0050	0.0017	1	10/05/23 11:34	10/12/23 09:30	EPA 3005A	3,200.8	EJF
Silver, Total	ND		mg/l	0.0004	0.0002	1	10/05/23 11:34	10/12/23 09:30	EPA 3005A	3,200.8	EJF
Sodium, Total	225.		mg/l	2.00	0.120	1	10/05/23 11:34	10/09/23 22:41	EPA 3005A	19,200.7	CEY
Thallium, Total	ND		mg/l	0.0010	0.0001	1	10/05/23 11:34	10/12/23 09:30	EPA 3005A	3,200.8	EJF
Vanadium, Total	0.0030	J	mg/l	0.0050	0.0016	1	10/05/23 11:34	10/12/23 09:30	EPA 3005A	3,200.8	EJF
Zinc, Total	0.0085		mg/l	0.0050	0.0034	1	10/05/23 11:34	10/12/23 09:30	EPA 3005A	3,200.8	EJF

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357567

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

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 Batch: WG1835937-1										
Aluminum, Total	ND		mg/l	0.100	0.0318	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Calcium, Total	ND		mg/l	0.100	0.0350	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Iron, Total	ND		mg/l	0.0500	0.0090	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Magnesium, Total	ND		mg/l	0.100	0.0153	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Manganese, Total	ND		mg/l	0.0100	0.0016	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Potassium, Total	ND		mg/l	2.50	0.237	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Sodium, Total	ND		mg/l	2.00	0.120	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY

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): 01 Batch: WG1835940-1										
Antimony, Total	ND		mg/l	0.0040	0.0004	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Arsenic, Total	ND		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Barium, Total	ND		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Beryllium, Total	ND		mg/l	0.0010	0.0001	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Cadmium, Total	ND		mg/l	0.0002	0.0001	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Chromium, Total	ND		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Copper, Total	ND		mg/l	0.0010	0.0004	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Lead, Total	ND		mg/l	0.0010	0.0003	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Nickel, Total	ND		mg/l	0.0020	0.0006	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Selenium, Total	ND		mg/l	0.0050	0.0017	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Silver, Total	ND		mg/l	0.0004	0.0002	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Thallium, Total	ND		mg/l	0.0010	0.0001	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Vanadium, Total	0.0022	J	mg/l	0.0050	0.0016	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Zinc, Total	ND		mg/l	0.0050	0.0034	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357567

Project Number: B2101342.026.01.EXP **Report Date:** 10/13/23

Method Blank Analysis
Batch Quality Control

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): 01 Batch: WG1837754-1										
Mercury, Total	ND		mg/l	0.0002	0.0001	1	10/10/23 10:37	10/10/23 21:22	3,245.1	DJR

Prep Information

Digestion Method: EPA 245.1

Lab Control Sample Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL

Project Number: B2101342.026.01.EXP

Lab Number: L2357567

Report Date: 10/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1835937-2								
Aluminum, Total	110		-		85-115	-		
Calcium, Total	107		-		85-115	-		
Cobalt, Total	103		-		85-115	-		
Iron, Total	108		-		85-115	-		
Magnesium, Total	107		-		85-115	-		
Manganese, Total	104		-		85-115	-		
Potassium, Total	112		-		85-115	-		
Sodium, Total	109		-		85-115	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL

Project Number: B2101342.026.01.EXP

Lab Number: L2357567

Report Date: 10/13/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1835940-2					
Antimony, Total	101	-	85-115	-	
Arsenic, Total	98	-	85-115	-	
Barium, Total	97	-	85-115	-	
Beryllium, Total	100	-	85-115	-	
Cadmium, Total	105	-	85-115	-	
Chromium, Total	104	-	85-115	-	
Copper, Total	104	-	85-115	-	
Lead, Total	110	-	85-115	-	
Nickel, Total	102	-	85-115	-	
Selenium, Total	93	-	85-115	-	
Silver, Total	114	-	85-115	-	
Thallium, Total	115	-	85-115	-	
Vanadium, Total	110	-	85-115	-	
Zinc, Total	101	-	85-115	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1837754-2					
Mercury, Total	92	-	85-115	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357567
Report Date: 10/13/23

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 QC Batch ID: WG1835937-3 QC Sample: L2356531-01 Client ID: MS Sample												
Aluminum, Total	ND	2	2.61	**130**	Q	-	-		75-125	-		20
Calcium, Total	88.8	10	95.8	**70**	Q	-	-		75-125	-		20
Cobalt, Total	ND	0.5	0.524	105		-	-		75-125	-		20
Iron, Total	0.669	1	1.89	122		-	-		75-125	-		20
Magnesium, Total	10.9	10	21.3	104		-	-		75-125	-		20
Manganese, Total	0.422	0.5	1.02	120		-	-		75-125	-		20
Potassium, Total	2.69	10	16.0	**133**	Q	-	-		75-125	-		20
Sodium, Total	159	10	161	**20**	Q	-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835937-7 QC Sample: L2357070-01 Client ID: MS Sample												
Aluminum, Total	ND	2	1.82	91		-	-		75-125	-		20
Calcium, Total	14.9	10	22.2	**73**	Q	-	-		75-125	-		20
Cobalt, Total	ND	0.5	0.485	97		-	-		75-125	-		20
Iron, Total	0.0124J	1	0.883	88		-	-		75-125	-		20
Magnesium, Total	5.58	10	15.6	100		-	-		75-125	-		20
Manganese, Total	ND	0.5	0.425	85		-	-		75-125	-		20
Potassium, Total	2.92	10	12.0	91		-	-		75-125	-		20
Sodium, Total	6.17	10	14.6	84		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357567
Report Date: 10/13/23

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): 01 QC Batch ID: WG1835940-3 QC Sample: L2356531-01 Client ID: MS Sample									
Antimony, Total	ND	0.5	0.5188	104	-	-	70-130	-	20
Arsenic, Total	ND	0.12	0.1174	98	-	-	70-130	-	20
Barium, Total	0.0059	2	1.981	99	-	-	70-130	-	20
Beryllium, Total	ND	0.05	0.0528	106	-	-	70-130	-	20
Cadmium, Total	ND	0.053	0.0574	108	-	-	70-130	-	20
Chromium, Total	ND	0.2	0.2109	105	-	-	70-130	-	20
Copper, Total	0.0582	0.25	0.3219	105	-	-	70-130	-	20
Lead, Total	ND	0.53	0.5834	110	-	-	70-130	-	20
Nickel, Total	0.0014J	0.5	0.5030	101	-	-	70-130	-	20
Selenium, Total	ND	0.12	0.1172	98	-	-	70-130	-	20
Silver, Total	ND	0.05	0.0567	113	-	-	70-130	-	20
Thallium, Total	ND	0.12	0.1336	111	-	-	70-130	-	20
Vanadium, Total	0.0022J	0.5	0.5392	108	-	-	70-130	-	20
Zinc, Total	0.0323	0.5	0.5412	102	-	-	70-130	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357567
Report Date: 10/13/23

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): 01 QC Batch ID: WG1835940-5 QC Sample: L2357070-01 Client ID: MS Sample									
Antimony, Total	ND	0.5	0.4901	98	-	-	70-130	-	20
Arsenic, Total	ND	0.12	0.1309	109	-	-	70-130	-	20
Barium, Total	0.0676	2	2.276	110	-	-	70-130	-	20
Beryllium, Total	ND	0.05	0.0523	104	-	-	70-130	-	20
Cadmium, Total	ND	0.053	0.0587	111	-	-	70-130	-	20
Chromium, Total	ND	0.2	0.2222	111	-	-	70-130	-	20
Copper, Total	0.0009J	0.25	0.2740	110	-	-	70-130	-	20
Lead, Total	ND	0.53	0.5689	107	-	-	70-130	-	20
Nickel, Total	ND	0.5	0.5230	105	-	-	70-130	-	20
Selenium, Total	ND	0.12	0.1141	95	-	-	70-130	-	20
Silver, Total	ND	0.05	0.0592	118	-	-	70-130	-	20
Thallium, Total	ND	0.12	0.1282	107	-	-	70-130	-	20
Vanadium, Total	0.0021J	0.5	0.5241	105	-	-	70-130	-	20
Zinc, Total	ND	0.5	0.5346	107	-	-	70-130	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1837754-3 QC Sample: L2357567-01 Client ID: RW 2094									
Mercury, Total	ND	0.005	0.0053	105	-	-	70-130	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL

Project Number: B2101342.026.01.EXP

Lab Number: L2357567

Report Date: 10/13/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835937-4 QC Sample: L2356531-01 Client ID: DUP Sample						
Iron, Total	0.669	0.666	mg/l	0		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835937-8 QC Sample: L2357070-01 Client ID: DUP Sample						
Calcium, Total	14.9	15.0	mg/l	1		20
Iron, Total	0.0124J	ND	mg/l	NC		20
Magnesium, Total	5.58	5.62	mg/l	1		20
Potassium, Total	2.92	2.97	mg/l	2		20
Sodium, Total	6.17	6.25	mg/l	1		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835940-6 QC Sample: L2357070-01 Client ID: DUP Sample						
Arsenic, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1837754-4 QC Sample: L2357567-01 Client ID: RW 2094						
Mercury, Total	ND	ND	mg/l	NC		20

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357567
Report Date: 10/13/23

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(*)
L2357567-01A	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		CD-2008T(180),E&I-FEE(),CA-UI(180),NI-2008T(180),CO-UI(180),BE-2008T(180),ZN-2008T(180),K-UI(180),CU-2008T(180),FE-UI(180),V-2008T(180),MG-UI(180),SE-2008T(180),AS-2008T(180),HG-U(28),AG-2008T(180),AL-UI(180),BA-2008T(180),MN-UI(180),NA-UI(180),TL-2008T(180),SB-2008T(180),PB-2008T(180),CR-2008T(180)

*Values in parentheses indicate holding time in days

Project Name:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357567
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/13/23

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:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357567
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/13/23

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:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357567
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/13/23

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:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357567
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/13/23

REFERENCES

3 Methods for the Determination of Metals in Environmental Samples, Supplement I. EPA/600/R-94/111. May 1994.

19 Inductively Coupled Plasma Atomic Emission Spectrometric Method for Trace Element Analysis of Water and Wastes. Appendix C, Part 136, 40 CFR (Code of Federal Regulations). July 1, 1999 edition.

LIMITATION OF LIABILITIES

Alpha Analytical 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 Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical 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 Alpha Analytical.

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
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
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.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

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, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

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

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE 1 OF 1

ALPHA ANALYTICAL

Westborough, MA TEL: 508-898-9220 FAX: 508-898-9193
Mansfield, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 9/30/23

ALPHA Job #: L2357567

Client Information

Client: WSP USA Inc

Address:

Phone: 716-331-4966

Fax:

Email: mark.d.saunders@wsp.com

☐ These samples have been Previously analyzed by Alpha

Project Information

Project Name: Corning Edward Allen Landfill

Project Location:

Project #: B2101342.026 Task: 01.EXP

Project Manager: Mark Saunders

ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ Rush (ONLY IF PRE-APPROVED)

Due Date: Time:

Other Project Specific Requirements/Comments/Detection Limits:

Report Information Data Deliverables

☐ FAX ☒ EMAIL

☐ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program Criteria

ANALYSIS

SAMPLE HANDLING

Filtration
☒ Done
☐ Not Needed
☐ Lab to do

Preservation
☐ Lab to do

(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	EPA 6010B	EPA 8260B	EPA 7470A	Sample Specific Comments	TOTAL # BOTTLES
57567-01	RW 2094	09/29/23	1000	DW GW SD	WXD	☒	☐	☐		1
						☐	☐	☐		
						☐	☐	☐		
						☐	☐	☐		
						☐	☐	☐		
						☐	☐	☐		
						☐	☐	☐		
						☐	☐	☐		
						☐	☐	☐		
						☐	☐	☐		

Container Type	P	V	P	-	-	-	-	-	-	-	-	-	
Preservative	C	B	C	-	-	-	-	-	-	-	-	-	

Relinquished By:	Date/Time	Received By:	Date/Time
	9/29/23 1215		9/29 12:15
			9/30/23 0030

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

FORM NO: 01-09(HC) (rev. 5-JAN-12)

December 1, 2023

Delivered Via Federal Express (Tracking Number: 7743 1245 3063)

Edward R. and Margaret H. Allen
2084 Bailey Creek Road
Corning, New York 14830

Subject: 2023 Annual Well Water Sample Collection

Dear Mr. and Mrs. Allen:

Over the past several years, annual well water samples have been collected at your property in association with the closure of the Edward Allen Landfill. As before, and in accordance with the long-term monitoring requirements for the Edward Allen Landfill, a copy of the well water sample results is being provided to you, to the New York State Department of Environmental Conservation (NYSDEC), and to the New York State Department of Health.

On September 29, 2023, representatives from WSP USA Inc (WSP) collected a water sample from the residential well at your property. We have enclosed the results of the well sampling performed at your property. The results of the well sampling are shown on the attached laboratory report.

We very much appreciate your continued cooperation with our monitoring activities. WSP will continue to provide the test results of future sampling events, until such time that monitoring at your property is no longer required by NYSDEC. Adam Morgan is the NYSDEC project manager for the Edward Allen Landfill and can be reached at (585) 226-5356 or at adam.morgan@dec.ny.gov .

Sincerely yours,

Mark Saunders
Senior Consultant, Project Manager
C 716 331-4966
mark.d.saunders@wsp.com

Craig Anderson
Practice Leader
C 612-877-0091
craig.anderson@wsp.com

Attachment: Laboratory Analytical Results

CC: NYSDEC, Division of Environmental Remediation, Adam Morgan

WSP USA
40 La Riviere Dr., Ste. 320
Buffalo, New York 14202

Tel.: 1 (716) 853-1220
wsp.com

ANALYTICAL REPORT

Lab Number:	L2357564
Client:	WSP 40 La Riviere Drive Suite 320 Buffalo, NY 14202
ATTN:	Mark Saunders
Phone:	(716) 204-5880
Project Name:	CORNING EDWARD ALLEN LANDFILL
Project Number:	B2101342.026.01.EXP
Report Date:	10/12/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357564
Report Date: 10/12/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2357564-01	RW 2084	DW	Not Specified	09/29/23 10:45	09/29/23

Project Name:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357564
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/12/23

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 Alpha 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, solids and tissues are reported on a dry 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, Alpha'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 Alpha Project Manager and made arrangements for Alpha 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:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357564
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/12/23

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.

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

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 10/12/23

METALS

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357564

Project Number: B2101342.026.01.EXP **Report Date:** 10/12/23

SAMPLE RESULTS

Lab ID: L2357564-01 Date Collected: 09/29/23 10:45

Client ID: RW 2084 Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	10/05/23 11:34	10/09/23 22:38	EPA 3005A	19,200.7	CEY
Antimony, Total	ND		mg/l	0.0040	0.0004	1	10/05/23 11:34	10/12/23 09:26	EPA 3005A	3,200.8	EJF
Arsenic, Total	ND		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/12/23 09:26	EPA 3005A	3,200.8	EJF
Barium, Total	0.8724		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/12/23 09:26	EPA 3005A	3,200.8	EJF
Beryllium, Total	ND		mg/l	0.0010	0.0001	1	10/05/23 11:34	10/12/23 09:26	EPA 3005A	3,200.8	EJF
Cadmium, Total	ND		mg/l	0.0002	0.0001	1	10/05/23 11:34	10/12/23 09:26	EPA 3005A	3,200.8	EJF
Calcium, Total	39.9		mg/l	0.100	0.0350	1	10/05/23 11:34	10/09/23 22:38	EPA 3005A	19,200.7	CEY
Chromium, Total	ND		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/12/23 09:26	EPA 3005A	3,200.8	EJF
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	10/05/23 11:34	10/09/23 22:38	EPA 3005A	19,200.7	CEY
Copper, Total	0.0116		mg/l	0.0010	0.0004	1	10/05/23 11:34	10/12/23 09:26	EPA 3005A	3,200.8	EJF
Iron, Total	0.396		mg/l	0.0500	0.0090	1	10/05/23 11:34	10/09/23 22:38	EPA 3005A	19,200.7	CEY
Lead, Total	0.0013		mg/l	0.0010	0.0003	1	10/05/23 11:34	10/12/23 09:26	EPA 3005A	3,200.8	EJF
Magnesium, Total	10.4		mg/l	0.100	0.0153	1	10/05/23 11:34	10/09/23 22:38	EPA 3005A	19,200.7	CEY
Manganese, Total	0.237		mg/l	0.0100	0.0016	1	10/05/23 11:34	10/09/23 22:38	EPA 3005A	19,200.7	CEY
Mercury, Total	0.0002	J	mg/l	0.0002	0.0001	1	10/05/23 10:48	10/06/23 13:30	EPA 245.1	3,245.1	GMG
Nickel, Total	0.0008	J	mg/l	0.0020	0.0006	1	10/05/23 11:34	10/12/23 09:26	EPA 3005A	3,200.8	EJF
Potassium, Total	1.90	J	mg/l	2.50	0.237	1	10/05/23 11:34	10/09/23 22:38	EPA 3005A	19,200.7	CEY
Selenium, Total	ND		mg/l	0.0050	0.0017	1	10/05/23 11:34	10/12/23 09:26	EPA 3005A	3,200.8	EJF
Silver, Total	ND		mg/l	0.0004	0.0002	1	10/05/23 11:34	10/12/23 09:26	EPA 3005A	3,200.8	EJF
Sodium, Total	57.2		mg/l	2.00	0.120	1	10/05/23 11:34	10/09/23 22:38	EPA 3005A	19,200.7	CEY
Thallium, Total	ND		mg/l	0.0010	0.0001	1	10/05/23 11:34	10/12/23 09:26	EPA 3005A	3,200.8	EJF
Vanadium, Total	0.0026	J	mg/l	0.0050	0.0016	1	10/05/23 11:34	10/12/23 09:26	EPA 3005A	3,200.8	EJF
Zinc, Total	0.1954		mg/l	0.0050	0.0034	1	10/05/23 11:34	10/12/23 09:26	EPA 3005A	3,200.8	EJF

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357564

Project Number: B2101342.026.01.EXP **Report Date:** 10/12/23

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 Batch: WG1835937-1										
Aluminum, Total	ND		mg/l	0.100	0.0318	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Calcium, Total	ND		mg/l	0.100	0.0350	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Iron, Total	ND		mg/l	0.0500	0.0090	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Magnesium, Total	ND		mg/l	0.100	0.0153	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Manganese, Total	ND		mg/l	0.0100	0.0016	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Potassium, Total	ND		mg/l	2.50	0.237	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Sodium, Total	ND		mg/l	2.00	0.120	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY

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): 01 Batch: WG1835940-1										
Antimony, Total	ND		mg/l	0.0040	0.0004	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Arsenic, Total	ND		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Barium, Total	ND		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Beryllium, Total	ND		mg/l	0.0010	0.0001	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Cadmium, Total	ND		mg/l	0.0002	0.0001	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Chromium, Total	ND		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Copper, Total	ND		mg/l	0.0010	0.0004	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Lead, Total	ND		mg/l	0.0010	0.0003	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Nickel, Total	ND		mg/l	0.0020	0.0006	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Selenium, Total	ND		mg/l	0.0050	0.0017	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Silver, Total	ND		mg/l	0.0004	0.0002	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Thallium, Total	ND		mg/l	0.0010	0.0001	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Vanadium, Total	0.0022	J	mg/l	0.0050	0.0016	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Zinc, Total	ND		mg/l	0.0050	0.0034	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357564

Project Number: B2101342.026.01.EXP **Report Date:** 10/12/23

Method Blank Analysis
Batch Quality Control

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): 01 Batch: WG1835942-1										
Mercury, Total	ND		mg/l	0.0002	0.0001	1	10/05/23 10:48	10/06/23 13:04	3,245.1	GMG

Prep Information

Digestion Method: EPA 245.1

Lab Control Sample Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL

Project Number: B2101342.026.01.EXP

Lab Number: L2357564

Report Date: 10/12/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1835937-2								
Aluminum, Total	110		-		85-115	-		
Calcium, Total	107		-		85-115	-		
Cobalt, Total	103		-		85-115	-		
Iron, Total	108		-		85-115	-		
Magnesium, Total	107		-		85-115	-		
Manganese, Total	104		-		85-115	-		
Potassium, Total	112		-		85-115	-		
Sodium, Total	109		-		85-115	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL

Project Number: B2101342.026.01.EXP

Lab Number: L2357564

Report Date: 10/12/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1835940-2					
Antimony, Total	101	-	85-115	-	
Arsenic, Total	98	-	85-115	-	
Barium, Total	97	-	85-115	-	
Beryllium, Total	100	-	85-115	-	
Cadmium, Total	105	-	85-115	-	
Chromium, Total	104	-	85-115	-	
Copper, Total	104	-	85-115	-	
Lead, Total	110	-	85-115	-	
Nickel, Total	102	-	85-115	-	
Selenium, Total	93	-	85-115	-	
Silver, Total	114	-	85-115	-	
Thallium, Total	115	-	85-115	-	
Vanadium, Total	110	-	85-115	-	
Zinc, Total	101	-	85-115	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1835942-2					
Mercury, Total	95	-	85-115	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357564
Report Date: 10/12/23

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 QC Batch ID: WG1835937-3 QC Sample: L2356531-01 Client ID: MS Sample												
Aluminum, Total	ND	2	2.61	**130**	Q	-	-		75-125	-		20
Calcium, Total	88.8	10	95.8	**70**	Q	-	-		75-125	-		20
Cobalt, Total	ND	0.5	0.524	105		-	-		75-125	-		20
Iron, Total	0.669	1	1.89	122		-	-		75-125	-		20
Magnesium, Total	10.9	10	21.3	104		-	-		75-125	-		20
Manganese, Total	0.422	0.5	1.02	120		-	-		75-125	-		20
Potassium, Total	2.69	10	16.0	**133**	Q	-	-		75-125	-		20
Sodium, Total	159	10	161	**20**	Q	-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835937-7 QC Sample: L2357070-01 Client ID: MS Sample												
Aluminum, Total	ND	2	1.82	91		-	-		75-125	-		20
Calcium, Total	14.9	10	22.2	**73**	Q	-	-		75-125	-		20
Cobalt, Total	ND	0.5	0.485	97		-	-		75-125	-		20
Iron, Total	0.0124J	1	0.883	88		-	-		75-125	-		20
Magnesium, Total	5.58	10	15.6	100		-	-		75-125	-		20
Manganese, Total	ND	0.5	0.425	85		-	-		75-125	-		20
Potassium, Total	2.92	10	12.0	91		-	-		75-125	-		20
Sodium, Total	6.17	10	14.6	84		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357564
Report Date: 10/12/23

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): 01 QC Batch ID: WG1835940-3 QC Sample: L2356531-01 Client ID: MS Sample									
Antimony, Total	ND	0.5	0.5188	104	-	-	70-130	-	20
Arsenic, Total	ND	0.12	0.1174	98	-	-	70-130	-	20
Barium, Total	0.0059	2	1.981	99	-	-	70-130	-	20
Beryllium, Total	ND	0.05	0.0528	106	-	-	70-130	-	20
Cadmium, Total	ND	0.053	0.0574	108	-	-	70-130	-	20
Chromium, Total	ND	0.2	0.2109	105	-	-	70-130	-	20
Copper, Total	0.0582	0.25	0.3219	105	-	-	70-130	-	20
Lead, Total	ND	0.53	0.5834	110	-	-	70-130	-	20
Nickel, Total	0.0014J	0.5	0.5030	101	-	-	70-130	-	20
Selenium, Total	ND	0.12	0.1172	98	-	-	70-130	-	20
Silver, Total	ND	0.05	0.0567	113	-	-	70-130	-	20
Thallium, Total	ND	0.12	0.1336	111	-	-	70-130	-	20
Vanadium, Total	0.0022J	0.5	0.5392	108	-	-	70-130	-	20
Zinc, Total	0.0323	0.5	0.5412	102	-	-	70-130	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357564
Report Date: 10/12/23

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): 01 QC Batch ID: WG1835940-5 QC Sample: L2357070-01 Client ID: MS Sample									
Antimony, Total	ND	0.5	0.4901	98	-	-	70-130	-	20
Arsenic, Total	ND	0.12	0.1309	109	-	-	70-130	-	20
Barium, Total	0.0676	2	2.276	110	-	-	70-130	-	20
Beryllium, Total	ND	0.05	0.0523	104	-	-	70-130	-	20
Cadmium, Total	ND	0.053	0.0587	111	-	-	70-130	-	20
Chromium, Total	ND	0.2	0.2222	111	-	-	70-130	-	20
Copper, Total	0.0009J	0.25	0.2740	110	-	-	70-130	-	20
Lead, Total	ND	0.53	0.5689	107	-	-	70-130	-	20
Nickel, Total	ND	0.5	0.5230	105	-	-	70-130	-	20
Selenium, Total	ND	0.12	0.1141	95	-	-	70-130	-	20
Silver, Total	ND	0.05	0.0592	118	-	-	70-130	-	20
Thallium, Total	ND	0.12	0.1282	107	-	-	70-130	-	20
Vanadium, Total	0.0021J	0.5	0.5241	105	-	-	70-130	-	20
Zinc, Total	ND	0.5	0.5346	107	-	-	70-130	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835942-3 QC Sample: L2357560-01 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.0046	92	-	-	70-130	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL

Project Number: B2101342.026.01.EXP

Lab Number: L2357564

Report Date: 10/12/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835937-4 QC Sample: L2356531-01 Client ID: DUP Sample						
Iron, Total	0.669	0.666	mg/l	0		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835937-8 QC Sample: L2357070-01 Client ID: DUP Sample						
Calcium, Total	14.9	15.0	mg/l	1		20
Iron, Total	0.0124J	ND	mg/l	NC		20
Magnesium, Total	5.58	5.62	mg/l	1		20
Potassium, Total	2.92	2.97	mg/l	2		20
Sodium, Total	6.17	6.25	mg/l	1		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835940-6 QC Sample: L2357070-01 Client ID: DUP Sample						
Arsenic, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835942-4 QC Sample: L2357560-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357564
Report Date: 10/12/23

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(*)
L2357564-01A	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		CD-2008T(180),E&I-FEE(),CA-UI(180),NI-2008T(180),CO-UI(180),K-UI(180),ZN-2008T(180),BE-2008T(180),MG-UI(180),FE-UI(180),V-2008T(180),CU-2008T(180),AS-2008T(180),HG-U(28),AG-2008T(180),SE-2008T(180),MN-UI(180),AL-UI(180),BA-2008T(180),NA-UI(180),CR-2008T(180),SB-2008T(180),PB-2008T(180),TL-2008T(180)

*Values in parentheses indicate holding time in days

Project Name:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357564
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/12/23

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:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357564
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/12/23

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:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357564
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/12/23

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:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357564
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/12/23

REFERENCES

3 Methods for the Determination of Metals in Environmental Samples, Supplement I. EPA/600/R-94/111. May 1994.

19 Inductively Coupled Plasma Atomic Emission Spectrometric Method for Trace Element Analysis of Water and Wastes. Appendix C, Part 136, 40 CFR (Code of Federal Regulations). July 1, 1999 edition.

LIMITATION OF LIABILITIES

Alpha Analytical 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 Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical 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 Alpha Analytical.

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
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
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.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

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, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

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

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE 1 OF 1

ALPHA ANALYTICAL — WORK CLOSE TO YOU!

Westborough, MA TEL: 508-898-9220 FAX: 508-898-9193
Mansfield, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 9/30/23

ALPHA Job #: L2357564

Project Information

Project Name: Corning Edward Allen Landfill

Project Location:

Project #: B2101342.026 Task: 01.EXP

Project Manager: Mark Saunders

ALPHA Quote #:

Report Information — Data Deliverables

☐ FAX ☒ EMAIL

☐ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program | Criteria

Client Information

Client: WSP USA Inc

Address:

Phone: 716-331-4966

Fax:

Email: mark.d.saunders@wsp.com

☐ These samples have been Previously analyzed by Alpha

Turn-Around Time

☒ Standard ☐ Rush (ONLY IF PRE-APPROVED)

Due Date: Time:

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS

SAMPLE HANDLING
Filtration
☒ Done
☐ Not Needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	EPA 6010B	EPA 8260B	EPA 7470A										Sample Specific Comments	
57564-01	RW2084	09/29/23	1045	DW GW WP	WXD	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		1
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Container Type						P	V	P	-	-	-	-	-	-	-	-	-		
Preservative						C	B	C	-	-	-	-	-	-	-	-	-		

Relinquished By:	Date/Time	Received By:	Date/Time
WSP	9/29/23 1215		9/29 12:15
			9/30/23 0030

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

FORM NO: 01-01(I-NJ) (rev. 5-JAN-12)

December 1, 2023

Delivered Via Federal Express (Tracking Number: 7743 1241 1240)

Jesse Peckham
2047 Bailey Creek Road
Corning, New York 14830

Subject: 2023 Annual Well Water Sample Collection

Dear Mr. Peckham:

Over the past several years, annual well water samples have been collected at your property in association with the closure of the Edward Allen Landfill. As before, and in accordance with the long-term monitoring requirements for the Edward Allen Landfill, a copy of the well water sample results will be provided to you, to the New York State Department of Environmental Conservation (NYSDEC), and to the New York State Department of Health.

On September 29, 2023, representatives from WSP USA Inc (WSP) collected a water sample from the residential well at your property. We have enclosed the results of the well sampling performed at your property. The results of your well are shown on the attached laboratory report.

We very much appreciate your continued cooperation with our monitoring activities. WSP will continue to provide the test results of future sampling events, until such time that monitoring at your property is no longer required by NYSDEC. Adam Morgan is the NYSDEC project manager for the Edward Allen Landfill and can be reached at (585) 226-5356 or at adam.morgan@dec.ny.gov .

Sincerely yours,

Mark Saunders
Senior Consultant, Project Manager
C 716 331-4966
mark.d.saunders@wsp.com

Craig Anderson
Practice Leader
C 612-877-0091
craig.anderson@wsp.com

Attachment: Laboratory Analytical Results

CC: NYSDEC, Division of Environmental Remediation, Adam Morgan

WSP USA
40 La Riviere Dr., Ste. 320
Buffalo, New York 14202

Tel.: 1 (716) 853-1220
wsp.com

ANALYTICAL REPORT

Lab Number:	L2357560
Client:	WSP 40 La Riviere Drive Suite 320 Buffalo, NY 14202
ATTN:	Mark Saunders
Phone:	(716) 204-5880
Project Name:	CORNING EDWARD ALLEN LANDFILL
Project Number:	B2101342.026.01.EXP
Report Date:	10/12/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357560
Report Date: 10/12/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2357560-01	RW 2047	DW	Not Specified	09/29/23 10:00	09/29/23

Project Name:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357560
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/12/23

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 Alpha 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, solids and tissues are reported on a dry 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, Alpha'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 Alpha Project Manager and made arrangements for Alpha 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:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357560
Project Number:	B2101342.026.01.EXP	**Report Date:**	10/12/23

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.

Sample Receipt

L2357560-01: The collection date and time on the chain of custody was 29-SEP-23 10:45; however, the collection date/time on the container label was 29-SEP-23 10:00. At the client's request, the collection date/time is reported as 29-SEP-23 10:00.

L2357560-01: The analysis performed was specified by the client.

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

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 10/12/23

METALS

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357560

Project Number: B2101342.026.01.EXP **Report Date:** 10/12/23

SAMPLE RESULTS

Lab ID: L2357560-01 Date Collected: 09/29/23 10:00

Client ID: RW 2047 Date Received: 09/29/23

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	10/05/23 11:34	10/09/23 21:52	EPA 3005A	19,200.7	CEY
Antimony, Total	ND		mg/l	0.0040	0.0004	1	10/05/23 11:34	10/12/23 09:23	EPA 3005A	3,200.8	EJF
Arsenic, Total	0.0006	J	mg/l	0.0010	0.0002	1	10/05/23 11:34	10/12/23 09:23	EPA 3005A	3,200.8	EJF
Barium, Total	0.0081		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/12/23 09:23	EPA 3005A	3,200.8	EJF
Beryllium, Total	ND		mg/l	0.0010	0.0001	1	10/05/23 11:34	10/12/23 09:23	EPA 3005A	3,200.8	EJF
Cadmium, Total	ND		mg/l	0.0002	0.0001	1	10/05/23 11:34	10/12/23 09:23	EPA 3005A	3,200.8	EJF
Calcium, Total	0.109		mg/l	0.100	0.0350	1	10/05/23 11:34	10/09/23 21:52	EPA 3005A	19,200.7	CEY
Chromium, Total	ND		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/12/23 09:23	EPA 3005A	3,200.8	EJF
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	10/05/23 11:34	10/09/23 21:52	EPA 3005A	19,200.7	CEY
Copper, Total	0.0046		mg/l	0.0010	0.0004	1	10/05/23 11:34	10/12/23 09:23	EPA 3005A	3,200.8	EJF
Iron, Total	0.0156	J	mg/l	0.0500	0.0090	1	10/05/23 11:34	10/09/23 21:52	EPA 3005A	19,200.7	CEY
Lead, Total	ND		mg/l	0.0010	0.0003	1	10/05/23 11:34	10/12/23 09:23	EPA 3005A	3,200.8	EJF
Magnesium, Total	0.0252	J	mg/l	0.100	0.0153	1	10/05/23 11:34	10/09/23 21:52	EPA 3005A	19,200.7	CEY
Manganese, Total	ND		mg/l	0.0100	0.0016	1	10/05/23 11:34	10/09/23 21:52	EPA 3005A	19,200.7	CEY
Mercury, Total	ND		mg/l	0.0002	0.0001	1	10/05/23 10:48	10/06/23 13:10	EPA 245.1	3,245.1	GMG
Nickel, Total	ND		mg/l	0.0020	0.0006	1	10/05/23 11:34	10/12/23 09:23	EPA 3005A	3,200.8	EJF
Potassium, Total	ND		mg/l	2.50	0.237	1	10/05/23 11:34	10/09/23 21:52	EPA 3005A	19,200.7	CEY
Selenium, Total	ND		mg/l	0.0050	0.0017	1	10/05/23 11:34	10/12/23 09:23	EPA 3005A	3,200.8	EJF
Silver, Total	ND		mg/l	0.0004	0.0002	1	10/05/23 11:34	10/12/23 09:23	EPA 3005A	3,200.8	EJF
Sodium, Total	114.		mg/l	2.00	0.120	1	10/05/23 11:34	10/09/23 21:52	EPA 3005A	19,200.7	CEY
Thallium, Total	ND		mg/l	0.0010	0.0001	1	10/05/23 11:34	10/12/23 09:23	EPA 3005A	3,200.8	EJF
Vanadium, Total	0.0019	J	mg/l	0.0050	0.0016	1	10/05/23 11:34	10/12/23 09:23	EPA 3005A	3,200.8	EJF
Zinc, Total	0.0061		mg/l	0.0050	0.0034	1	10/05/23 11:34	10/12/23 09:23	EPA 3005A	3,200.8	EJF

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357560

Project Number: B2101342.026.01.EXP **Report Date:** 10/12/23

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 Batch: WG1835937-1										
Aluminum, Total	ND		mg/l	0.100	0.0318	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Calcium, Total	ND		mg/l	0.100	0.0350	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Iron, Total	ND		mg/l	0.0500	0.0090	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Magnesium, Total	ND		mg/l	0.100	0.0153	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Manganese, Total	ND		mg/l	0.0100	0.0016	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Potassium, Total	ND		mg/l	2.50	0.237	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY
Sodium, Total	ND		mg/l	2.00	0.120	1	10/05/23 11:34	10/06/23 16:47	19,200.7	CEY

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): 01 Batch: WG1835940-1										
Antimony, Total	ND		mg/l	0.0040	0.0004	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Arsenic, Total	ND		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Barium, Total	ND		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Beryllium, Total	ND		mg/l	0.0010	0.0001	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Cadmium, Total	ND		mg/l	0.0002	0.0001	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Chromium, Total	ND		mg/l	0.0010	0.0002	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Copper, Total	ND		mg/l	0.0010	0.0004	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Lead, Total	ND		mg/l	0.0010	0.0003	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Nickel, Total	ND		mg/l	0.0020	0.0006	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Selenium, Total	ND		mg/l	0.0050	0.0017	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Silver, Total	ND		mg/l	0.0004	0.0002	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Thallium, Total	ND		mg/l	0.0010	0.0001	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Vanadium, Total	0.0022	J	mg/l	0.0050	0.0016	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV
Zinc, Total	ND		mg/l	0.0050	0.0034	1	10/05/23 11:34	10/10/23 09:26	3,200.8	SMV

Project Name: CORNING EDWARD ALLEN LANDFILL **Lab Number:** L2357560

Project Number: B2101342.026.01.EXP **Report Date:** 10/12/23

Method Blank Analysis
Batch Quality Control

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): 01 Batch: WG1835942-1										
Mercury, Total	ND		mg/l	0.0002	0.0001	1	10/05/23 10:48	10/06/23 13:04	3,245.1	GMG

Prep Information

Digestion Method: EPA 245.1

Lab Control Sample Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL

Project Number: B2101342.026.01.EXP

Lab Number: L2357560

Report Date: 10/12/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1835937-2								
Aluminum, Total	110		-		85-115	-		
Calcium, Total	107		-		85-115	-		
Cobalt, Total	103		-		85-115	-		
Iron, Total	108		-		85-115	-		
Magnesium, Total	107		-		85-115	-		
Manganese, Total	104		-		85-115	-		
Potassium, Total	112		-		85-115	-		
Sodium, Total	109		-		85-115	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL

Project Number: B2101342.026.01.EXP

Lab Number: L2357560

Report Date: 10/12/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1835940-2					
Antimony, Total	101	-	85-115	-	
Arsenic, Total	98	-	85-115	-	
Barium, Total	97	-	85-115	-	
Beryllium, Total	100	-	85-115	-	
Cadmium, Total	105	-	85-115	-	
Chromium, Total	104	-	85-115	-	
Copper, Total	104	-	85-115	-	
Lead, Total	110	-	85-115	-	
Nickel, Total	102	-	85-115	-	
Selenium, Total	93	-	85-115	-	
Silver, Total	114	-	85-115	-	
Thallium, Total	115	-	85-115	-	
Vanadium, Total	110	-	85-115	-	
Zinc, Total	101	-	85-115	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1835942-2					
Mercury, Total	95	-	85-115	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357560
Report Date: 10/12/23

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 QC Batch ID: WG1835937-3 QC Sample: L2356531-01 Client ID: MS Sample												
Aluminum, Total	ND	2	2.61	**130**	Q	-	-		75-125	-		20
Calcium, Total	88.8	10	95.8	**70**	Q	-	-		75-125	-		20
Cobalt, Total	ND	0.5	0.524	105		-	-		75-125	-		20
Iron, Total	0.669	1	1.89	122		-	-		75-125	-		20
Magnesium, Total	10.9	10	21.3	104		-	-		75-125	-		20
Manganese, Total	0.422	0.5	1.02	120		-	-		75-125	-		20
Potassium, Total	2.69	10	16.0	**133**	Q	-	-		75-125	-		20
Sodium, Total	159	10	161	**20**	Q	-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835937-7 QC Sample: L2357070-01 Client ID: MS Sample												
Aluminum, Total	ND	2	1.82	91		-	-		75-125	-		20
Calcium, Total	14.9	10	22.2	**73**	Q	-	-		75-125	-		20
Cobalt, Total	ND	0.5	0.485	97		-	-		75-125	-		20
Iron, Total	0.0124J	1	0.883	88		-	-		75-125	-		20
Magnesium, Total	5.58	10	15.6	100		-	-		75-125	-		20
Manganese, Total	ND	0.5	0.425	85		-	-		75-125	-		20
Potassium, Total	2.92	10	12.0	91		-	-		75-125	-		20
Sodium, Total	6.17	10	14.6	84		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357560
Report Date: 10/12/23

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): 01 QC Batch ID: WG1835940-3 QC Sample: L2356531-01 Client ID: MS Sample									
Antimony, Total	ND	0.5	0.5188	104	-	-	70-130	-	20
Arsenic, Total	ND	0.12	0.1174	98	-	-	70-130	-	20
Barium, Total	0.0059	2	1.981	99	-	-	70-130	-	20
Beryllium, Total	ND	0.05	0.0528	106	-	-	70-130	-	20
Cadmium, Total	ND	0.053	0.0574	108	-	-	70-130	-	20
Chromium, Total	ND	0.2	0.2109	105	-	-	70-130	-	20
Copper, Total	0.0582	0.25	0.3219	105	-	-	70-130	-	20
Lead, Total	ND	0.53	0.5834	110	-	-	70-130	-	20
Nickel, Total	0.0014J	0.5	0.5030	101	-	-	70-130	-	20
Selenium, Total	ND	0.12	0.1172	98	-	-	70-130	-	20
Silver, Total	ND	0.05	0.0567	113	-	-	70-130	-	20
Thallium, Total	ND	0.12	0.1336	111	-	-	70-130	-	20
Vanadium, Total	0.0022J	0.5	0.5392	108	-	-	70-130	-	20
Zinc, Total	0.0323	0.5	0.5412	102	-	-	70-130	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL
Project Number: B2101342.026.01.EXP

Lab Number: L2357560
Report Date: 10/12/23

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): 01 QC Batch ID: WG1835940-5 QC Sample: L2357070-01 Client ID: MS Sample									
Antimony, Total	ND	0.5	0.4901	98	-	-	70-130	-	20
Arsenic, Total	ND	0.12	0.1309	109	-	-	70-130	-	20
Barium, Total	0.0676	2	2.276	110	-	-	70-130	-	20
Beryllium, Total	ND	0.05	0.0523	104	-	-	70-130	-	20
Cadmium, Total	ND	0.053	0.0587	111	-	-	70-130	-	20
Chromium, Total	ND	0.2	0.2222	111	-	-	70-130	-	20
Copper, Total	0.0009J	0.25	0.2740	110	-	-	70-130	-	20
Lead, Total	ND	0.53	0.5689	107	-	-	70-130	-	20
Nickel, Total	ND	0.5	0.5230	105	-	-	70-130	-	20
Selenium, Total	ND	0.12	0.1141	95	-	-	70-130	-	20
Silver, Total	ND	0.05	0.0592	118	-	-	70-130	-	20
Thallium, Total	ND	0.12	0.1282	107	-	-	70-130	-	20
Vanadium, Total	0.0021J	0.5	0.5241	105	-	-	70-130	-	20
Zinc, Total	ND	0.5	0.5346	107	-	-	70-130	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835942-3 QC Sample: L2357560-01 Client ID: RW 2047									
Mercury, Total	ND	0.005	0.0046	92	-	-	70-130	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: CORNING EDWARD ALLEN LANDFILL

Project Number: B2101342.026.01.EXP

Lab Number: L2357560

Report Date: 10/12/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835937-4 QC Sample: L2356531-01 Client ID: DUP Sample						
Iron, Total	0.669	0.666	mg/l	0		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835937-8 QC Sample: L2357070-01 Client ID: DUP Sample						
Calcium, Total	14.9	15.0	mg/l	1		20
Iron, Total	0.0124J	ND	mg/l	NC		20
Magnesium, Total	5.58	5.62	mg/l	1		20
Potassium, Total	2.92	2.97	mg/l	2		20
Sodium, Total	6.17	6.25	mg/l	1		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835940-6 QC Sample: L2357070-01 Client ID: DUP Sample						
Arsenic, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1835942-4 QC Sample: L2357560-01 Client ID: RW 2047						
Mercury, Total	ND	ND	mg/l	NC		20

Project Name: CORNING EDWARD ALLEN LANDFILL
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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(*)
L2357560-01A	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		CD-2008T(180),E&I-FEE(),CA-UI(180),NI-2008T(180),BE-2008T(180),CO-UI(180),K-UI(180),ZN-2008T(180),FE-UI(180),CU-2008T(180),V-2008T(180),MG-UI(180),HG-U(28),AG-2008T(180),SE-2008T(180),AS-2008T(180),MN-UI(180),NA-UI(180),BA-2008T(180),AL-UI(180),CR-2008T(180),PB-2008T(180),SB-2008T(180),TL-2008T(180)

*Values in parentheses indicate holding time in days

Project Name:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357560
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GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357560
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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

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

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357560
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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:	CORNING EDWARD ALLEN LANDFILL	**Lab Number:**	L2357560
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REFERENCES

3 Methods for the Determination of Metals in Environmental Samples, Supplement I. EPA/600/R-94/111. May 1994.

19 Inductively Coupled Plasma Atomic Emission Spectrometric Method for Trace Element Analysis of Water and Wastes. Appendix C, Part 136, 40 CFR (Code of Federal Regulations). July 1, 1999 edition.

LIMITATION OF LIABILITIES

Alpha Analytical 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 Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical 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 Alpha Analytical.

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
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
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.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

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, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

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

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE 1 OF 1

ALPHA ANALYTICAL

Westborough, MA TEL: 508-898-9220 FAX: 508-898-9193
Mansfield, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 9/30/23

ALPHA Job #: L2357560

Project Information

Project Name: Corning Edward Allen Landfill

Project Location:

Project #: B2101342.026 Task: 01.EXP

Project Manager: Mark Saunders

ALPHA Quote #:

Report Information Data Deliverables

☐ FAX ☒ EMAIL

☐ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program | Criteria

Client Information

Client: WSP USA In.c

Address:

Phone: 716-331-4966

Fax:

Email: mark.d.saunders@wsp.com

☐ These samples have been Previously analyzed by Alpha

Turn-Around Time

☒ Standard ☐ Rush (ONLY IF PRE-APPROVED)

Due Date: Time:

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS

SAMPLE HANDLING
Filtration
☒ Done
☐ Not Needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	EPA 6010B	EPA 8260B	EPA 7470A	Sample Specific Comments	TOTAL # BOTTLES
57560 -01	RW 2047	09/29/23	1045	DW GW WS	WXD	☒	☐	☐		1
						☐	☐	☐		
						☐	☐	☐		
						☐	☐	☐		
						☐	☐	☐		
						☐	☐	☐		
						☐	☐	☐		
						☐	☐	☐		
						☐	☐	☐		
						☐	☐	☐		

Container Type	P	V	P	-	-	-	-	-	-	-	-	-	
Preservative	C	B	C	-	-	-	-	-	-	-	-	-	

Relinquished By:	Date/Time	Received By:	Date/Time
	9/29/23 @ 1215		9/29 12:12
			9/30/23 0050

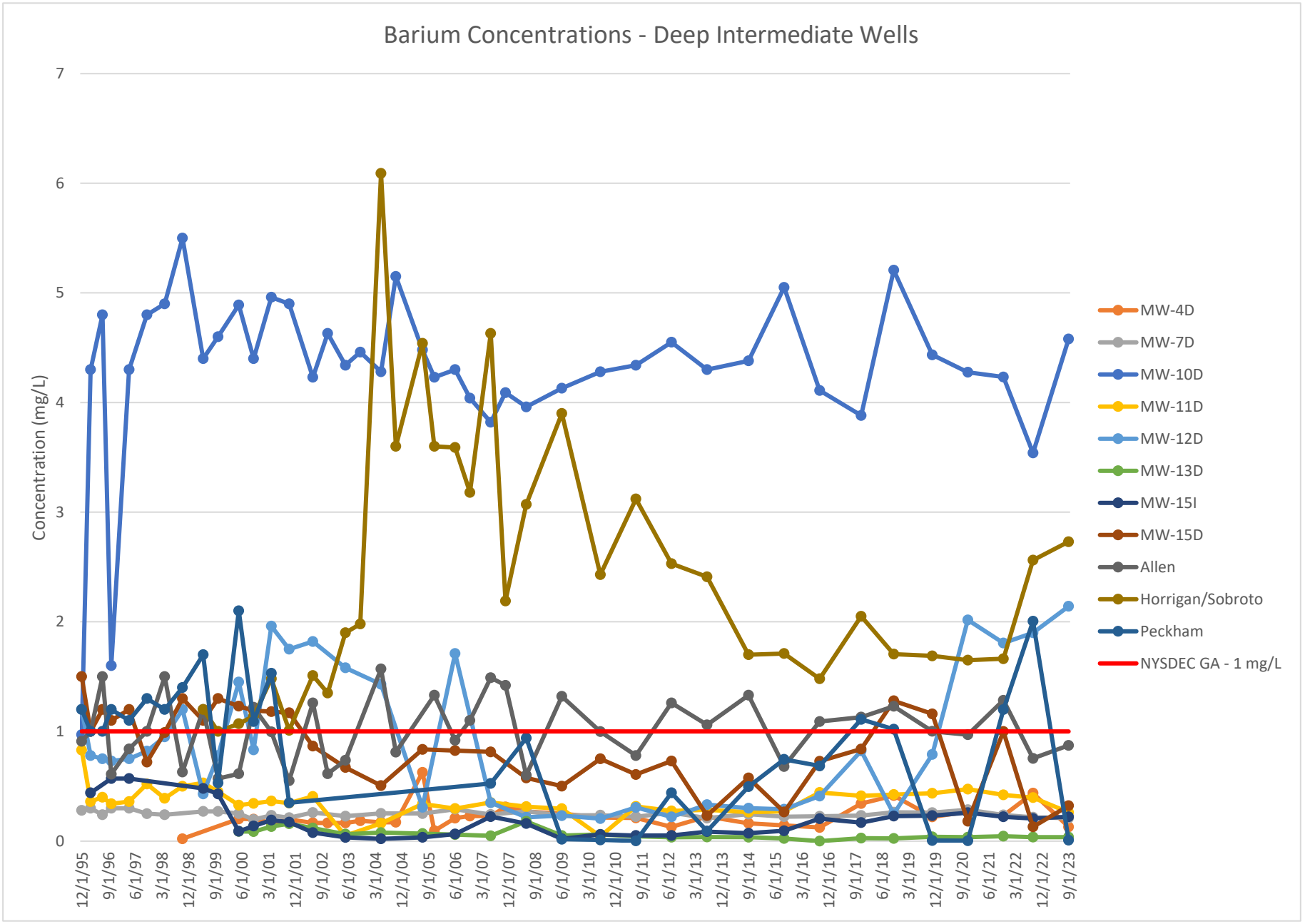
Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

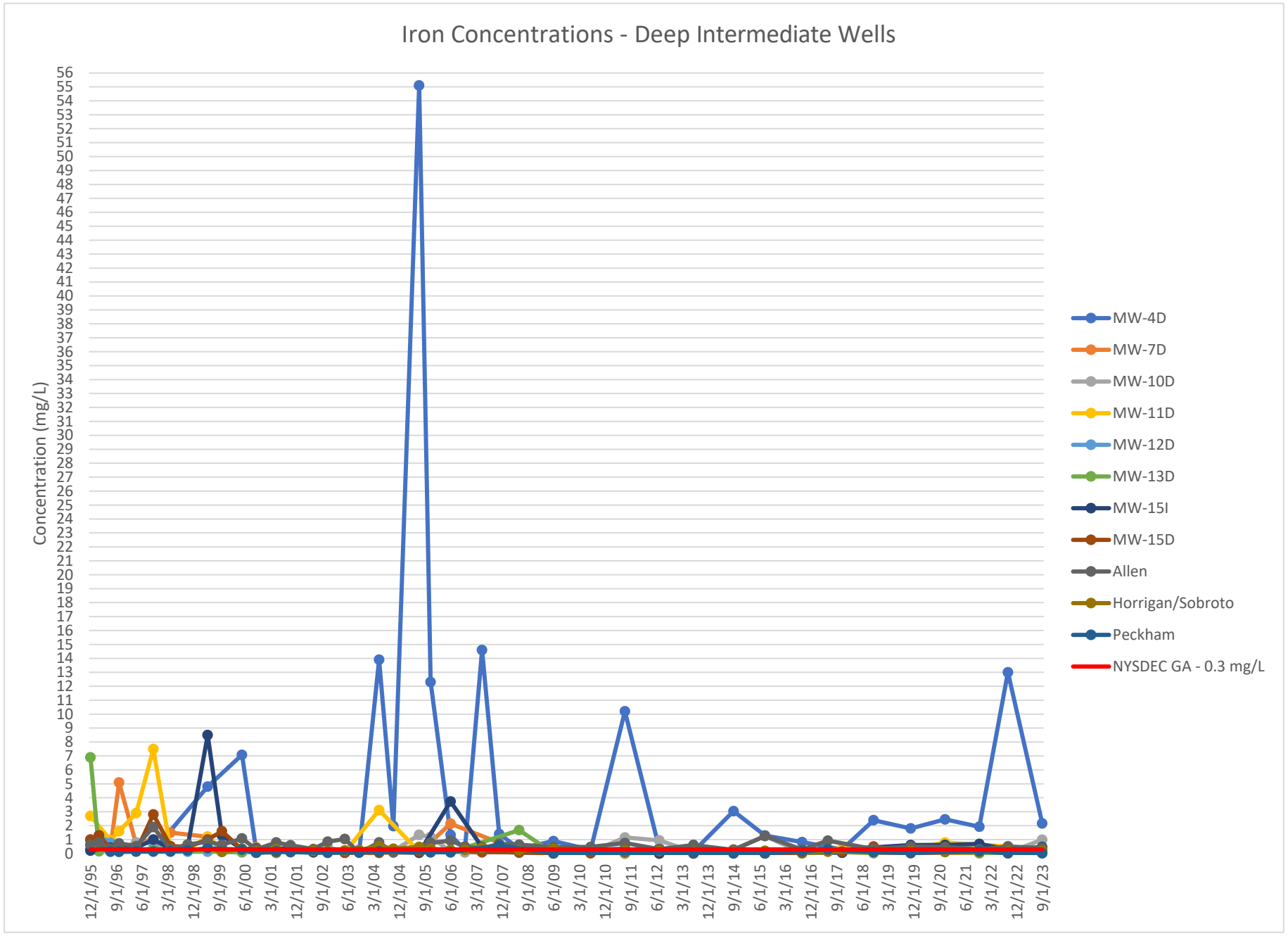
FORM NO: 01-01(I-NA)
(rev. 5-JAN-12)

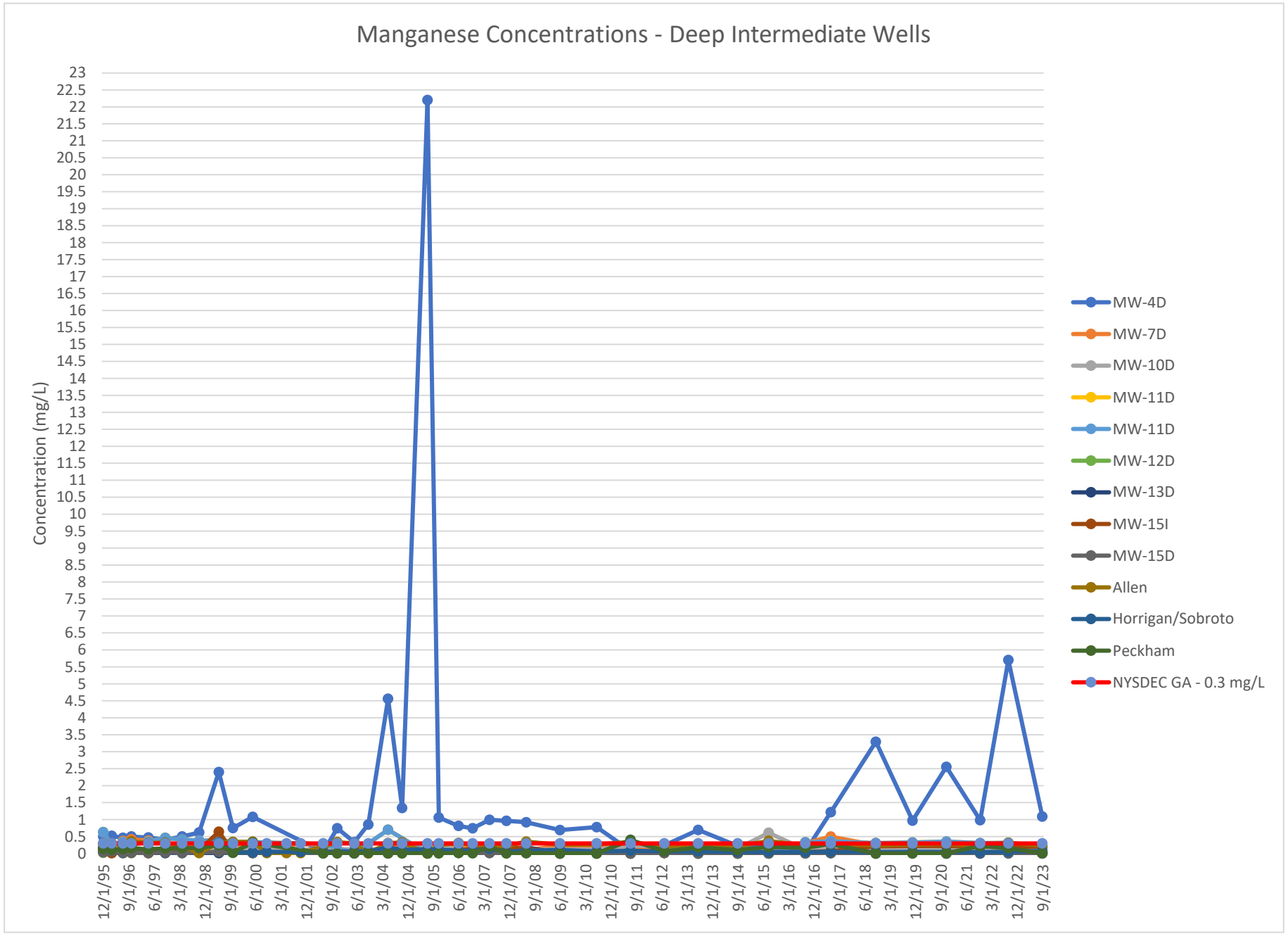
APPENDIX

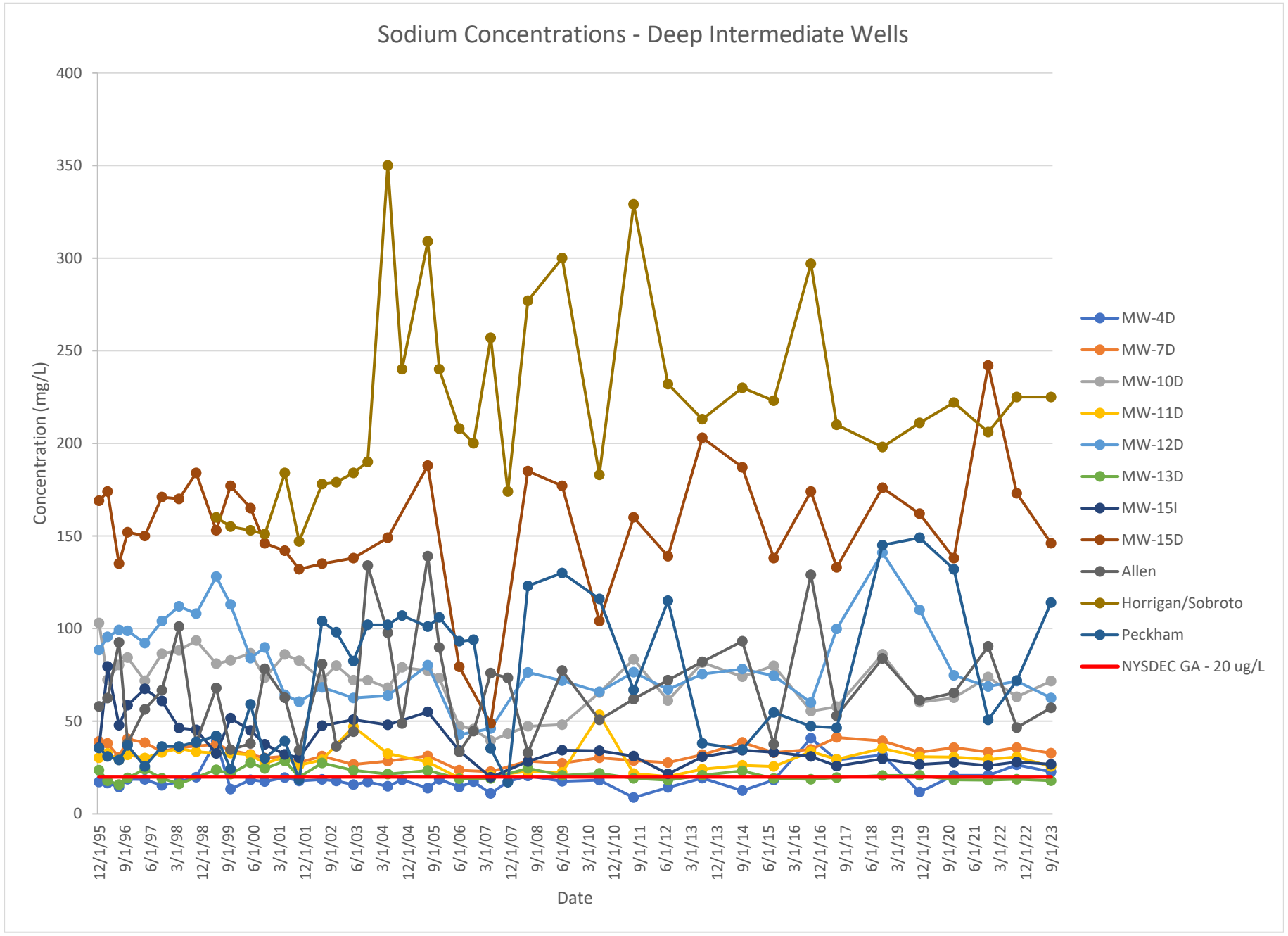
E

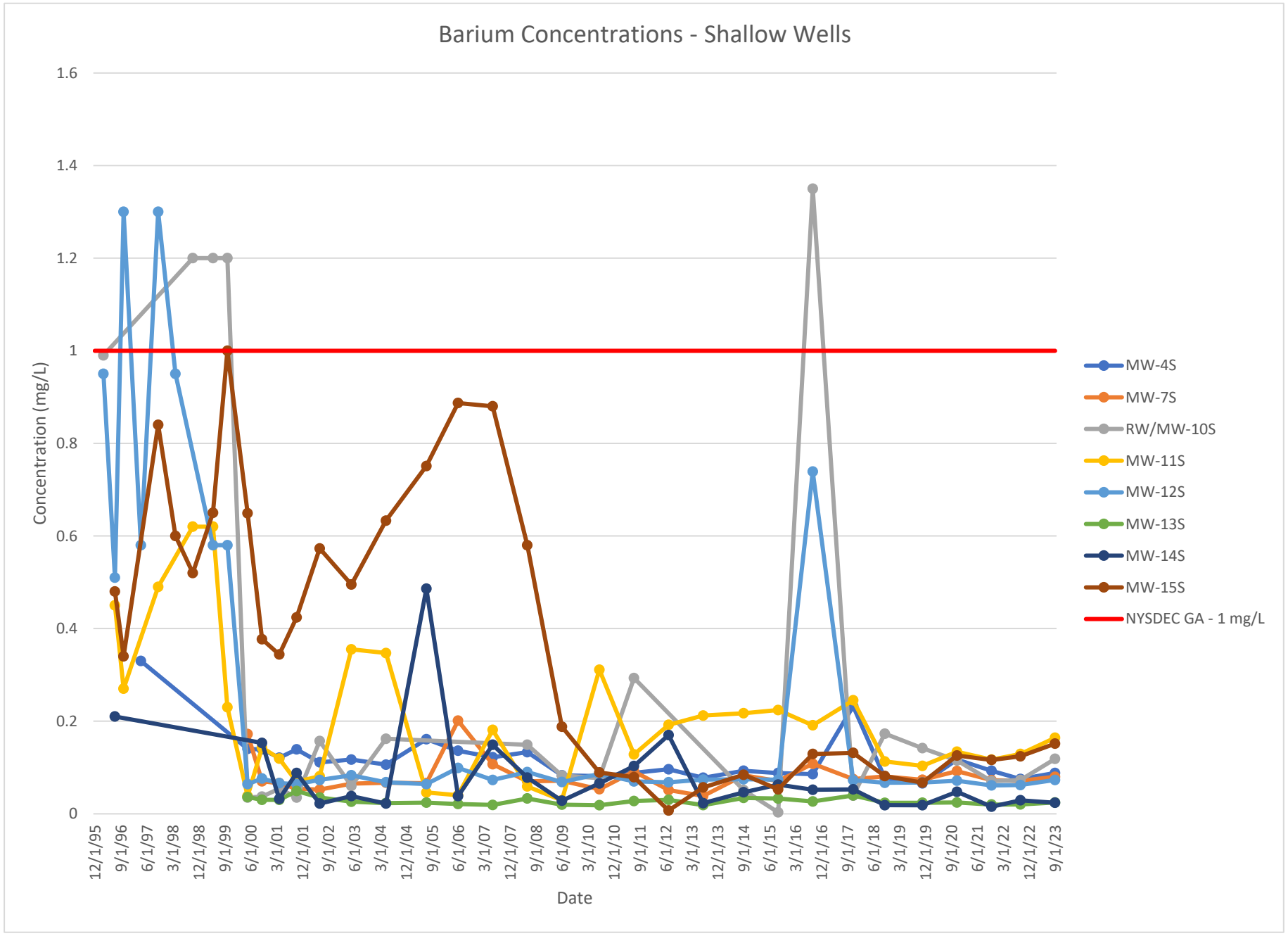
Groundwater Trend Plots

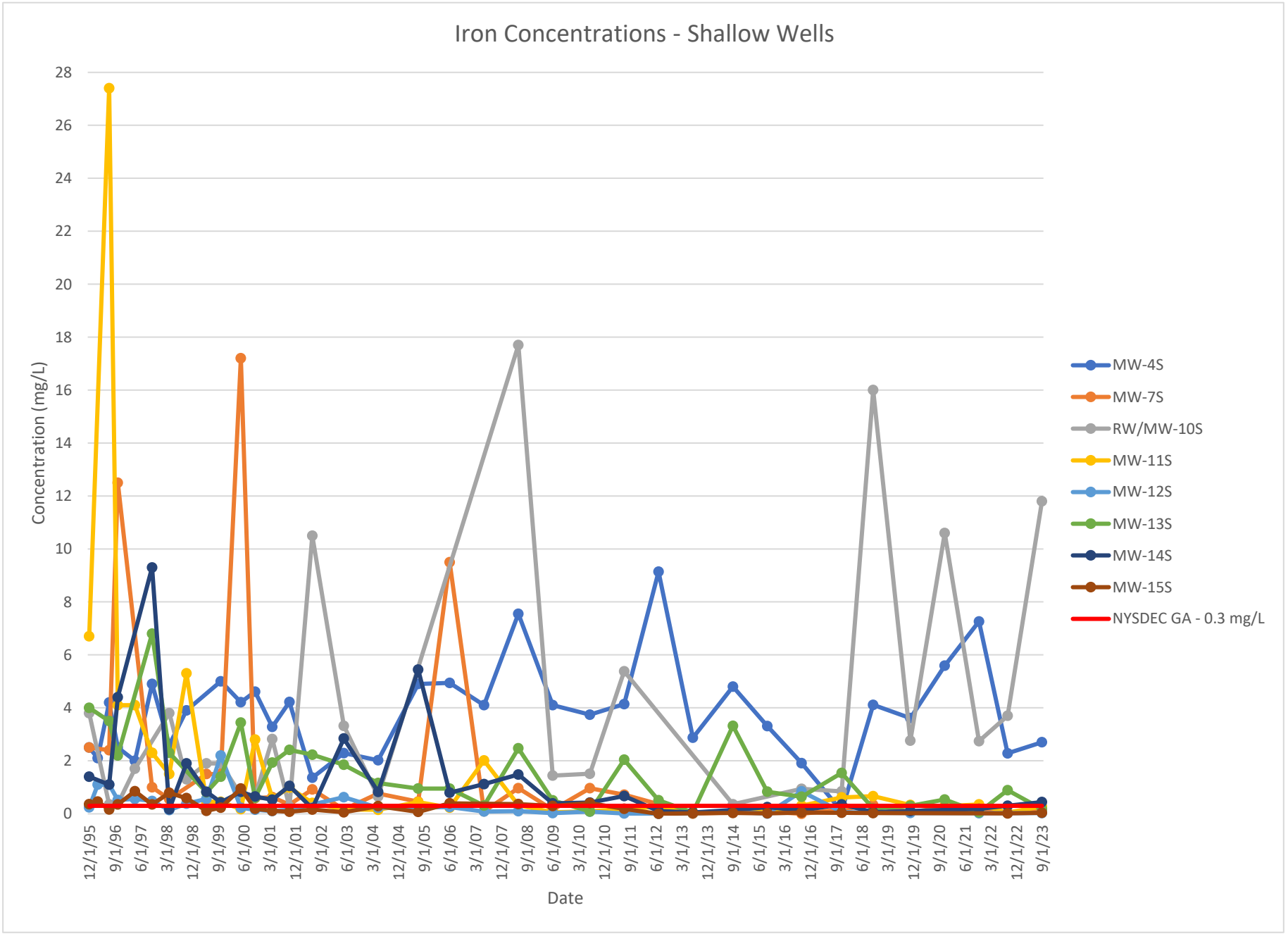

Barium Concentrations - Deep Intermediate Wells
Concentration (mg/L)
0
1
2
3
4
5
6
7
12/1/95
9/1/96
6/1/97
3/1/98
12/1/98
9/1/99
6/1/00
3/1/01
12/1/01
9/1/02
6/1/03
3/1/04
12/1/04
9/1/05
6/1/06
3/1/07
12/1/07
9/1/08
6/1/09
3/1/10
12/1/10
9/1/11
6/1/12
3/1/13
12/1/13
9/1/14
6/1/15
3/1/16
12/1/16
9/1/17
6/1/18
3/1/19
12/1/19
9/1/20
6/1/21
3/1/22
12/1/22
9/1/23
MW-4D
MW-7D
MW-10D
MW-11D
MW-12D
MW-13D
MW-15I
MW-15D
Allen
Horrigan/Sobroto
Peckham
NYSDEC GA - 1 mg/L

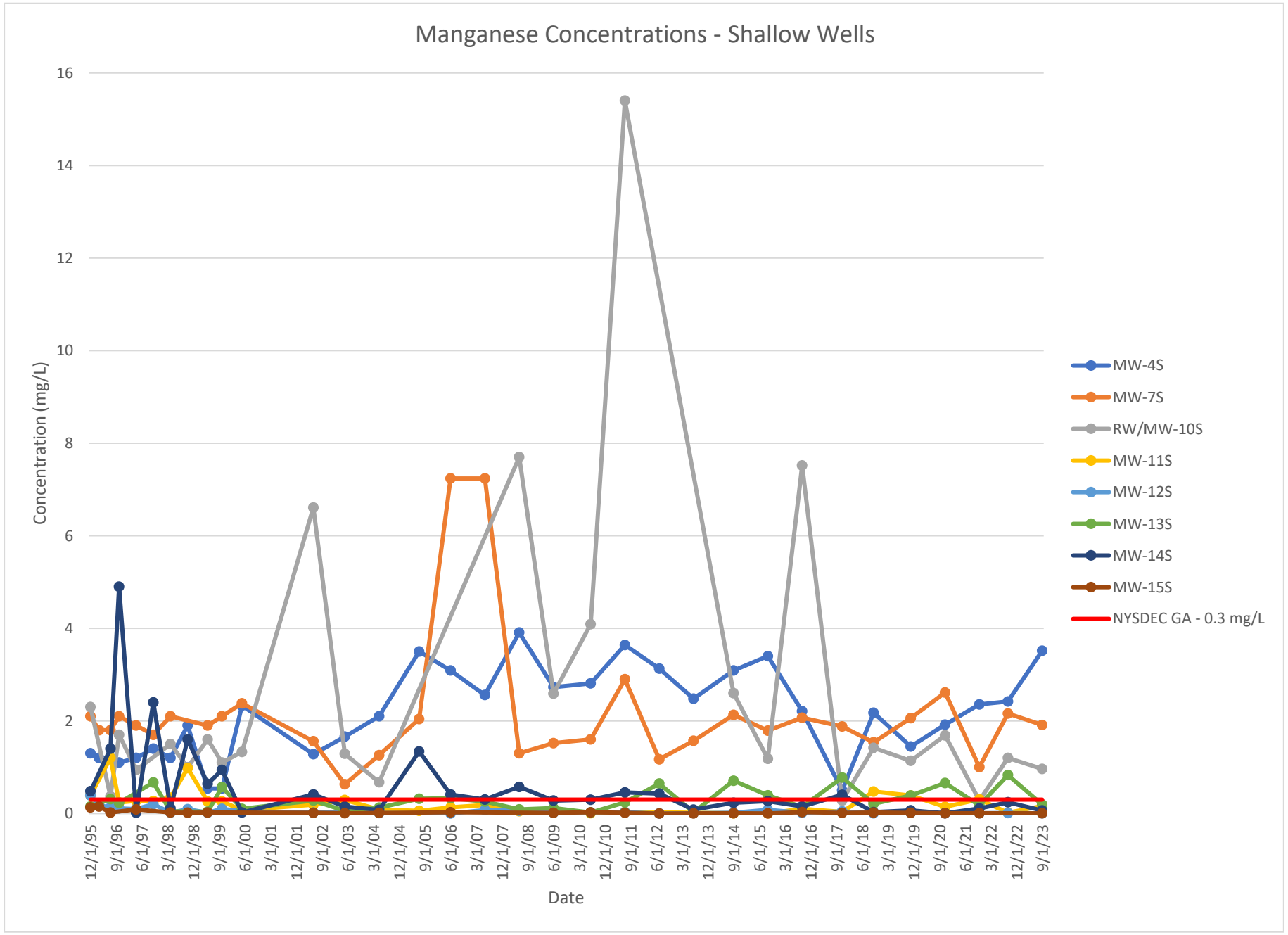

Iron Concentrations - Deep Intermediate Wells
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
12/1/95
9/1/96
6/1/97
3/1/98
12/1/98
9/1/99
6/1/00
3/1/01
12/1/01
9/1/02
6/1/03
3/1/04
12/1/04
9/1/05
6/1/06
3/1/07
12/1/07
9/1/08
6/1/09
3/1/10
12/1/10
9/1/11
6/1/12
3/1/13
12/1/13
9/1/14
6/1/15
3/1/16
12/1/16
9/1/17
6/1/18
3/1/19
12/1/19
9/1/20
6/1/21
3/1/22
12/1/22
9/1/23
MW-4D
MW-7D
MW-10D
MW-11D
MW-12D
MW-13D
MW-15I
MW-15D
Allen
Horrigan/Sobroto
Peckham
NYSDEC GA - 0.3 mg/L

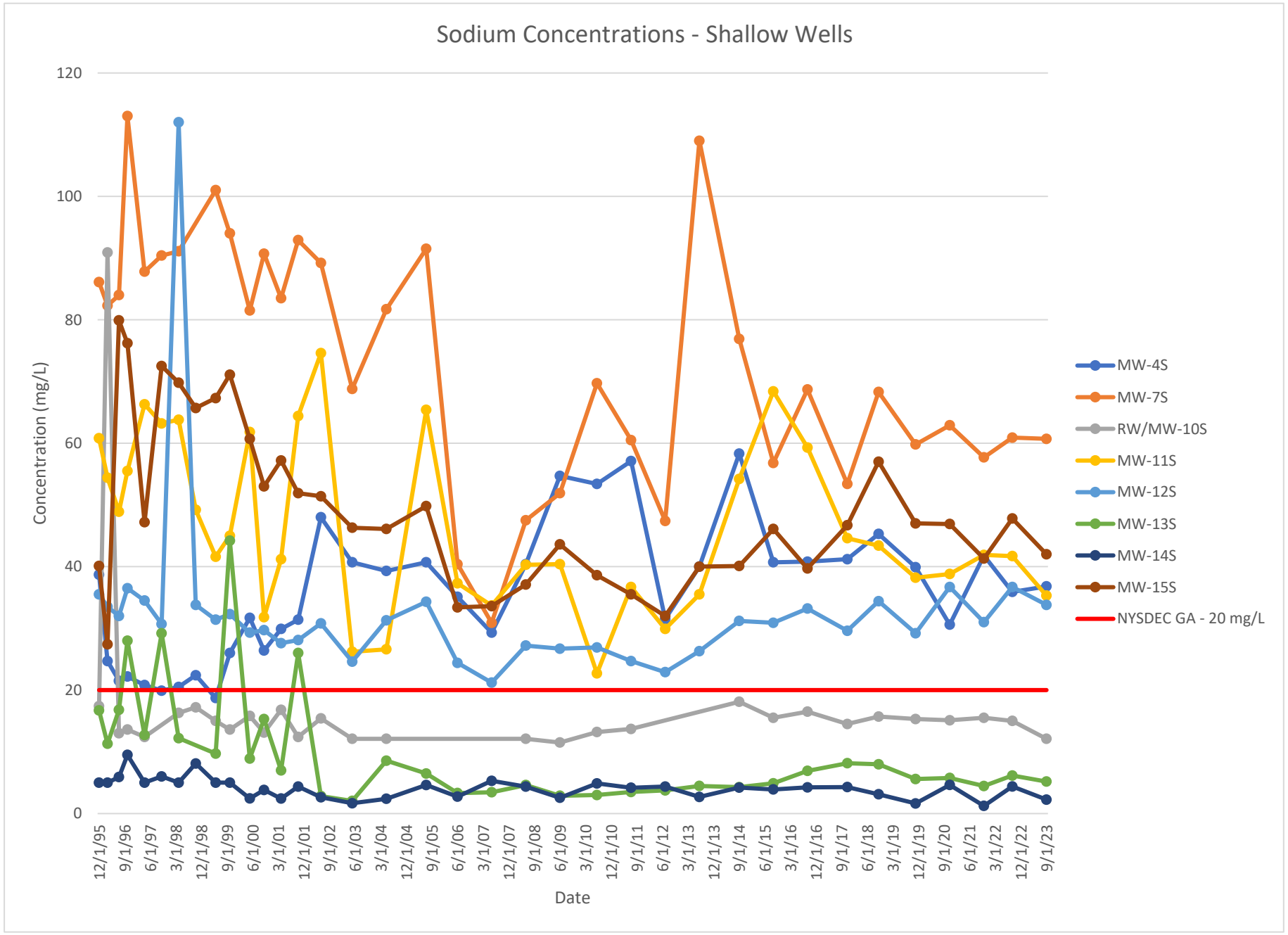

Manganese Concentrations - Deep Intermediate Wells
Concentration (mg/L)
23
22.5
22
21.5
21
20.5
20
19.5
19
18.5
18
17.5
17
16.5
16
15.5
15
14.5
14
13.5
13
12.5
12
11.5
11
10.5
10
9.5
9
8.5
8
7.5
7
6.5
6
5.5
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
12/1/95
9/1/96
6/1/97
3/1/98
12/1/98
9/1/99
6/1/00
3/1/01
12/1/01
9/1/02
6/1/03
3/1/04
12/1/04
9/1/05
6/1/06
3/1/07
12/1/07
9/1/08
6/1/09
3/1/10
12/1/10
9/1/11
6/1/12
3/1/13
12/1/13
9/1/14
6/1/15
3/1/16
12/1/16
9/1/17
6/1/18
3/1/19
12/1/19
9/1/20
6/1/21
3/1/22
12/1/22
9/1/23
MW-4D
MW-7D
MW-10D
MW-11D
MW-11D
MW-12D
MW-13D
MW-15I
MW-15D
Allen
Horrigan/Sobroto
Peckham
NYSDEC GA - 0.3 mg/L


Sodium Concentrations - Deep Intermediate Wells
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
12/1/95
9/1/96
6/1/97
3/1/98
12/1/98
9/1/99
6/1/00
3/1/01
12/1/01
9/1/02
6/1/03
3/1/04
12/1/04
9/1/05
6/1/06
3/1/07
12/1/07
9/1/08
6/1/09
3/1/10
12/1/10
9/1/11
6/1/12
3/1/13
12/1/13
9/1/14
6/1/15
3/1/16
12/1/16
9/1/17
6/1/18
3/1/19
12/1/19
9/1/20
6/1/21
3/1/22
12/1/22
9/1/23
Date
MW-4D
MW-7D
MW-10D
MW-11D
MW-12D
MW-13D
MW-15I
MW-15D
Allen
Horrigan/Sobroto
Peckham
NYSDEC GA - 20 ug/L


Barium Concentrations - Shallow Wells
Concentration (mg/L)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
12/1/95
9/1/96
6/1/97
3/1/98
12/1/98
9/1/99
6/1/00
3/1/01
12/1/01
9/1/02
6/1/03
3/1/04
12/1/04
9/1/05
6/1/06
3/1/07
12/1/07
9/1/08
6/1/09
3/1/10
12/1/10
9/1/11
6/1/12
3/1/13
12/1/13
9/1/14
6/1/15
3/1/16
12/1/16
9/1/17
6/1/18
3/1/19
12/1/19
9/1/20
6/1/21
3/1/22
12/1/22
9/1/23
Date
MW-4S
MW-7S
RW/MW-10S
MW-11S
MW-12S
MW-13S
MW-14S
MW-15S
NYSDEC GA - 1 mg/L


Iron Concentrations - Shallow Wells
Concentration (mg/L)
28
26
24
22
20
18
16
14
12
10
8
6
4
2
0
12/1/95
9/1/96
6/1/97
3/1/98
12/1/98
9/1/99
6/1/00
3/1/01
12/1/01
9/1/02
6/1/03
3/1/04
12/1/04
9/1/05
6/1/06
3/1/07
12/1/07
9/1/08
6/1/09
3/1/10
12/1/10
9/1/11
6/1/12
3/1/13
12/1/13
9/1/14
6/1/15
3/1/16
12/1/16
9/1/17
6/1/18
3/1/19
12/1/19
9/1/20
6/1/21
3/1/22
12/1/22
9/1/23
Date
MW-4S
MW-7S
RW/MW-10S
MW-11S
MW-12S
MW-13S
MW-14S
MW-15S
NYSDEC GA - 0.3 mg/L


Manganese Concentrations - Shallow Wells
Concentration (mg/L)
16
14
12
10
8
6
4
2
0
12/1/95
9/1/96
6/1/97
3/1/98
12/1/98
9/1/99
6/1/00
3/1/01
12/1/01
9/1/02
6/1/03
3/1/04
12/1/04
9/1/05
6/1/06
3/1/07
12/1/07
9/1/08
6/1/09
3/1/10
12/1/10
9/1/11
6/1/12
3/1/13
12/1/13
9/1/14
6/1/15
3/1/16
12/1/16
9/1/17
6/1/18
3/1/19
12/1/19
9/1/20
6/1/21
3/1/22
12/1/22
9/1/23
Date
MW-4S
MW-7S
RW/MW-10S
MW-11S
MW-12S
MW-13S
MW-14S
MW-15S
NYSDEC GA - 0.3 mg/L


Sodium Concentrations - Shallow Wells
Concentration (mg/L)
120
100
80
60
40
20
0
12/1/95
9/1/96
6/1/97
3/1/98
12/1/98
9/1/99
6/1/00
3/1/01
12/1/01
9/1/02
6/1/03
3/1/04
12/1/04
9/1/05
6/1/06
3/1/07
12/1/07
9/1/08
6/1/09
3/1/10
12/1/10
9/1/11
6/1/12
3/1/13
12/1/13
9/1/14
6/1/15
3/1/16
12/1/16
9/1/17
6/1/18
3/1/19
12/1/19
9/1/20
6/1/21
3/1/22
12/1/22
9/1/23
Date
MW-4S
MW-7S
RW/MW-10S
MW-11S
MW-12S
MW-13S
MW-14S
MW-15S
NYSDEC GA - 20 mg/L

APPENDIX

F

Mann-Kendall Evaluation

Mann-Kendall Trend Test Analysis

Barium MW-10D

Confidence Factor ≥ 90%; S<0 - Possible Downward trend

Confidence Coefficient	95%
Level of Significance	0.05

General Statistics

Number of Events Reported (m)	42
Number of Missing Events	0
Number or Reported Events Used	42
Number Values Reported (n)	42
Minimum	0.97
Maximum	5.5
Mean	4.246
Geometric Mean	4.105
Median	4.32
Standard Deviation	0.849
Coefficient of Variation	0.2

Mann-Kendall Test

M-K Test Value (S)	-141
Critical Value (0.05)	-1.645
Standard Deviation of S	92.19
Standardized Value of S	-1.519
Approximate p-value	0.0644

Insufficient evidence to identify a significant trend at the specified level of significance.

Confidence Coefficient	**90%**
Level of Significance	0.1

General Statistics

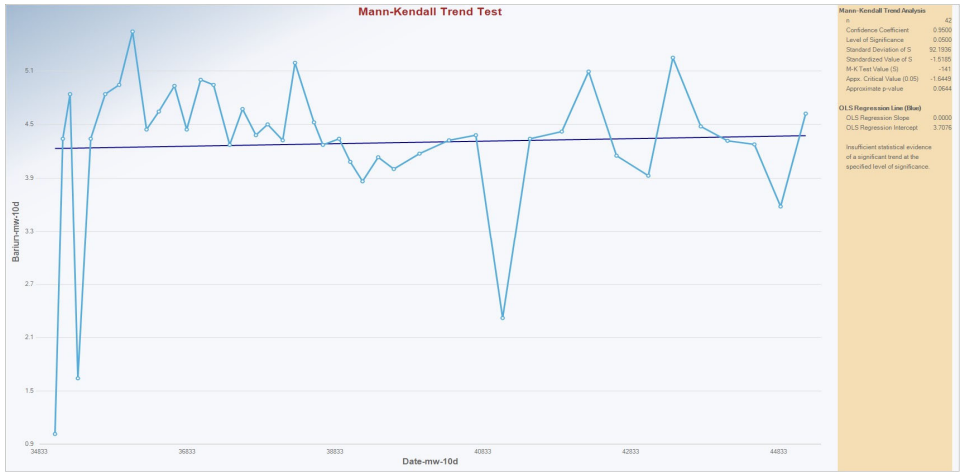
Number of Events Reported (m)	42
Number of Missing Events	0
Number or Reported Events Used	42
Number Values Reported (n)	42
Minimum	0.97
Maximum	5.5
Mean	4.246
Geometric Mean	4.105
Median	4.32
Standard Deviation	0.849
Coefficient of Variation	0.2

Mann-Kendall Test

M-K Test Value (S)	**-141**
Critical Value (0.1)	-1.282
Standard Deviation of S	92.19
Standardized Value of S	-1.519
Approximate p-value	0.0644

Statistically significant evidence of a decreasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis



Barium MW-12D

Confidence Factor <90%; S<0; CoV<1 - Stable

Confidence Coefficient	95%
Level of Significance	0.05

General Statistics

Number of Events Reported (m)	36
Number of Missing Events	0
Number or Reported Events Used	36
Number Values Reported (n)	36
Minimum	0.11
Maximum	2.142
Mean	0.936
Geometric Mean	0.707
Median	0.785
Standard Deviation	0.638
Coefficient of Variation	0.681

Mann-Kendall Test

M-K Test Value (S)	-7
Critical Value (0.05)	-1.645
Standard Deviation of S	73.4
Standardized Value of S	-0.0817
Approximate p-value	0.467

Insufficient evidence to identify a significant trend at the specified level of significance.

Barium-mw-12d

Confidence Coefficient	**90%**
Level of Significance	0.1

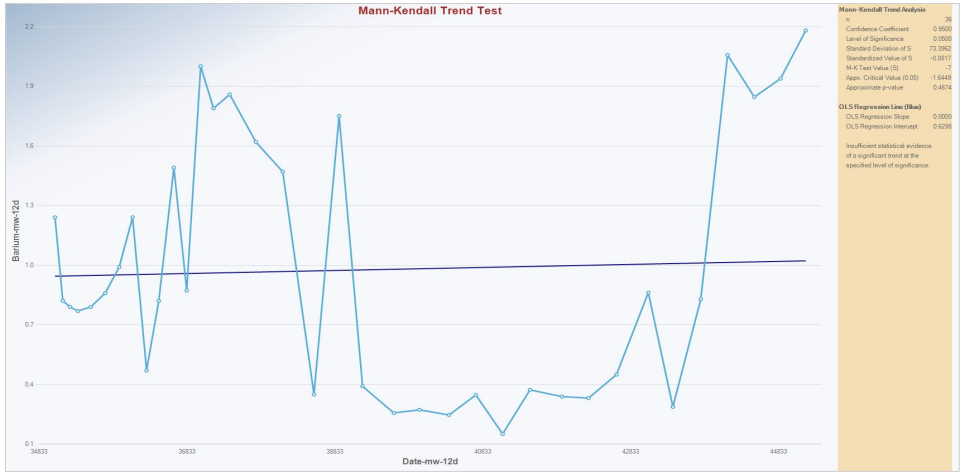
General Statistics

Number of Events Reported (m)	36
Number of Missing Events	0
Number or Reported Events Used	36
Number Values Reported (n)	36
Minimum	0.11
Maximum	2.142
Mean	0.936
Geometric Mean	0.707
Median	0.785
Standard Deviation	0.638
Coefficient of Variation	**0.681**

Mann-Kendall Test

M-K Test Value (S)	**-7**
Critical Value (0.1)	-1.282
Standard Deviation of S	73.4
Standardized Value of S	-0.0817
Approximate p-value	0.467

Insufficient evidence to identify a significant trend at the specified level of significance.



Mann-Kendall Trend Test Analysis

Iron MW-10S

Confidence Factor > 95%; S>0 - Upward Trend

Confidence Coefficient	95%
Level of Significance	0.05

General Statistics

Number of Events Reported (m)	30
Number of Missing Events	1
Number or Reported Events Used	29
Number Values Reported (n)	30
Number Values Missing	1
Number Values Used	29
Minimum	0.0235
Maximum	17.7
Mean	3.761
Geometric Mean	1.613
Median	1.9
Standard Deviation	4.801
Coefficient of Variation	1.276

Mann-Kendall Test

M-K Test Value (S)	102
Critical Value (0.05)	1.645
Standard Deviation of S	53.29
Standardized Value of S	1.895
Approximate p-value	0.029

Statistically significant evidence of an increasing trend at the specified level of significance.

Confidence Coefficient	90%
Level of Significance	0.1

General Statistics

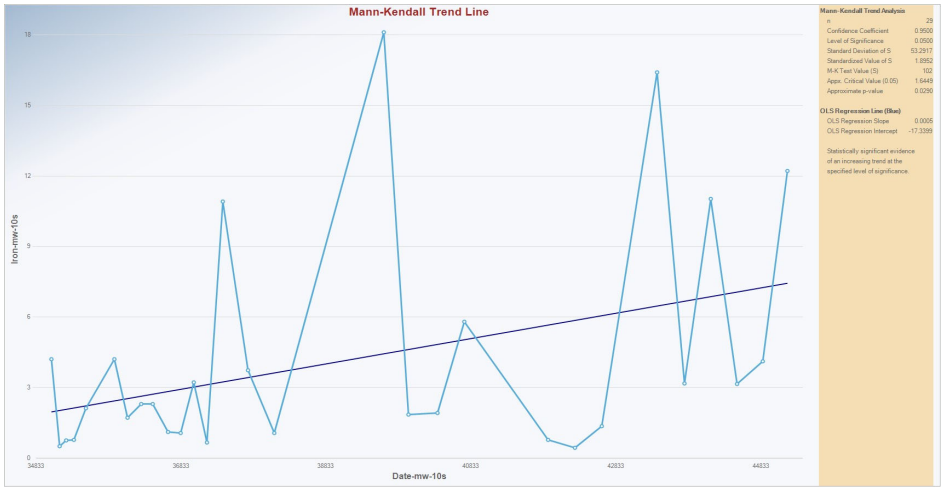
Number of Events Reported (m)	30
Number of Missing Events	1
Number or Reported Events Used	29
Number Values Reported (n)	30
Number Values Missing	1
Number Values Used	29
Minimum	0.0235
Maximum	17.7
Mean	3.761
Geometric Mean	1.613
Median	1.9
Standard Deviation	4.801
Coefficient of Variation	1.276

Mann-Kendall Test

M-K Test Value (S)	102
Critical Value (0.1)	1.282
Standard Deviation of S	53.29
Standardized Value of S	1.895
Approximate p-value	0.029

Statistically significant evidence of an increasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis



Iron MW-11D

Confidence Factor > 95%; S<0 - Downward Trend

Confidence Coefficient	95%
Level of Significance	0.05

General Statistics

Number of Events Reported (m)	36
Number of Missing Events	1
Number or Reported Events Used	35
Number Values Reported (n)	36
Number Values Missing	1
Number Values Used	35
Minimum	1.10E-04
Maximum	7.5
Mean	0.735
Geometric Mean	0.218
Median	0.206
Standard Deviation	1.432
Coefficient of Variation	1.948

Mann-Kendall Test

M-K Test Value (S)	-169
Critical Value (0.05)	-1.645
Standard Deviation of S	70.42
Standardized Value of S	-2.386
Approximate p-value	0.00852

Statistically significant evidence of a decreasing trend at the specified level of significance.

Confidence Coefficient	90%
Level of Significance	0.1

General Statistics

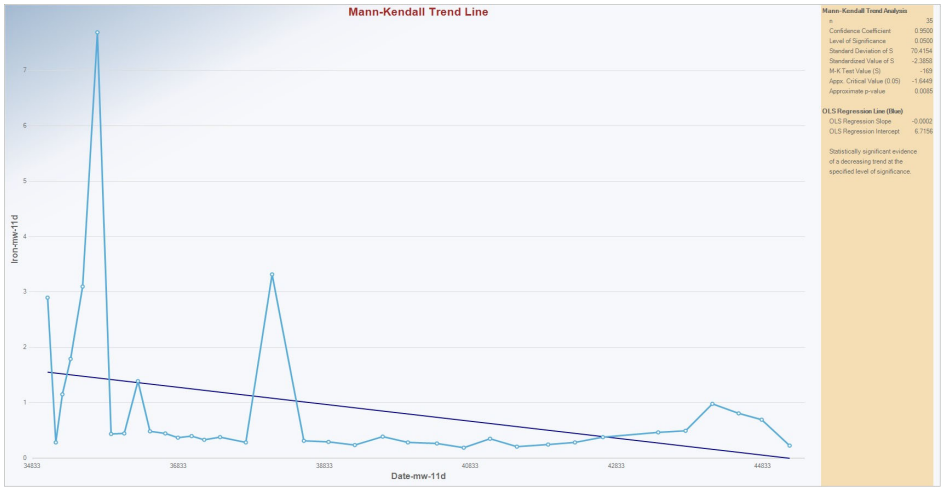
Number of Events Reported (m)	36
Number of Missing Events	1
Number or Reported Events Used	35
Number Values Reported (n)	36
Number Values Missing	1
Number Values Used	35
Minimum	1.10E-04
Maximum	7.5
Mean	0.735
Geometric Mean	0.218
Median	0.206
Standard Deviation	1.432
Coefficient of Variation	1.948

Mann-Kendall Test

M-K Test Value (S)	-169
Critical Value (0.1)	-1.282
Standard Deviation of S	70.42
Standardized Value of S	-2.386
Approximate p-value	0.00852

Statistically significant evidence of a decreasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis



Iron MW-11S

Confidence Factor > 95%; S<0 - Downward Trend

Confidence Coefficient	**95%**
Level of Significance	0.05

General Statistics

Number of Events Reported (m)	36
Number of Missing Events	1
Number or Reported Events Used	35
Number Values Reported (n)	36
Number Values Missing	1
Number Values Used	35
Minimum	1.10E-04
Maximum	27.4
Mean	1.843
Geometric Mean	0.395
Median	0.351
Standard Deviation	4.735
Coefficient of Variation	2.57

Mann-Kendall Test

M-K Test Value (S)	**-221**
Critical Value (0.05)	-1.645
Standard Deviation of S	70.4
Standardized Value of S	-3.125
Approximate p-value	8.89E-04

Statistically significant evidence of a decreasing trend at the specified level of significance.

Confidence Coefficient	90%
Level of Significance	0.1

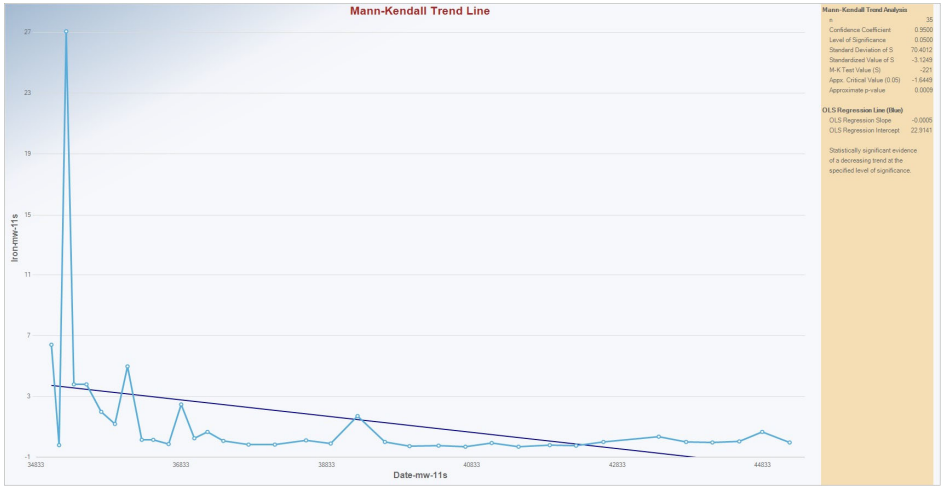
General Statistics

Number of Events Reported (m)	36
Number of Missing Events	1
Number or Reported Events Used	35
Number Values Reported (n)	36
Number Values Missing	1
Number Values Used	35
Minimum	1.10E-04
Maximum	27.4
Mean	1.843
Geometric Mean	0.395
Median	0.351
Standard Deviation	4.735
Coefficient of Variation	2.57

Mann-Kendall Test

M-K Test Value (S)	-221
Critical Value (0.1)	-1.282
Standard Deviation of S	70.4
Standardized Value of S	-3.125
Approximate p-value	8.89E-04

Statistically significant evidence of a decreasing trend at the specified level of significance.



Iron MW-15I

Confidence Factor < 90%; S>0 - No Trend

Confidence Coefficient	95%
Level of Significance	0.05

General Statistics

Number of Events Reported (m)	36
Number of Missing Events	1
Number or Reported Events Used	35
Number Values Reported (n)	36
Number Values Missing	1
Number Values Used	35
Minimum	0.05
Maximum	8.5
Mean	0.691
Geometric Mean	0.315
Median	0.35
Standard Deviation	1.498
Coefficient of Variation	2.168

Mann-Kendall Test

M-K Test Value (S)	-37
Critical Value (0.05)	-1.645
Standard Deviation of S	70.42
Standardized Value of S	-0.511
Approximate p-value	0.305

Insufficient evidence to identify a significant trend at the specified level of significance.

Confidence Coefficient	**90%**
Level of Significance	0.1

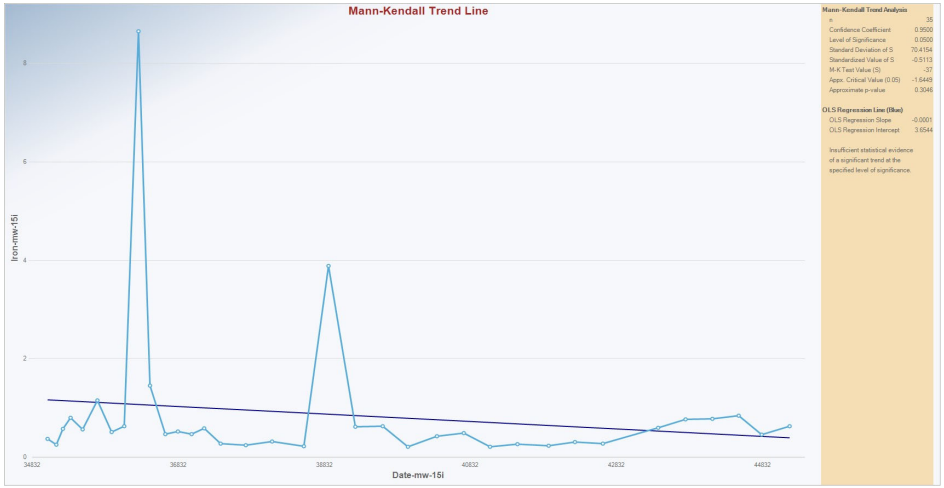
General Statistics

Number of Events Reported (m)	36
Number of Missing Events	1
Number or Reported Events Used	35
Number Values Reported (n)	36
Number Values Missing	1
Number Values Used	35
Minimum	0.05
Maximum	8.5
Mean	0.691
Geometric Mean	0.315
Median	0.35
Standard Deviation	1.498
Coefficient of Variation	**2.168**

Mann-Kendall Test

M-K Test Value (S)	**-37**
Critical Value (0.1)	-1.282
Standard Deviation of S	70.42
Standardized Value of S	-0.511
Approximate p-value	0.305

Insufficient evidence to identify a significant trend at the specified level of significance.



Iron MW-4D

Confidence Factor > 95%; S>0 -Upward Trend

Confidence Coefficient	95%
Level of Significance	0.05

General Statistics

Number of Events Reported (m)	42
Number of Missing Events	0
Number or Reported Events Used	42
Number Values Reported (n)	42
Minimum	0.084
Maximum	55.1
Mean	3.749
Geometric Mean	0.774
Median	0.598
Standard Deviation	9.1
Coefficient of Variation	2.427

Mann-Kendall Test

M-K Test Value (S)	280
Critical Value (0.05)	1.645
Standard Deviation of S	92.22
Standardized Value of S	3.025
Approximate p-value	0.00124

Statistically significant evidence of an increasing trend at the specified level of significance.

Confidence Coefficient	90%
Level of Significance	0.1

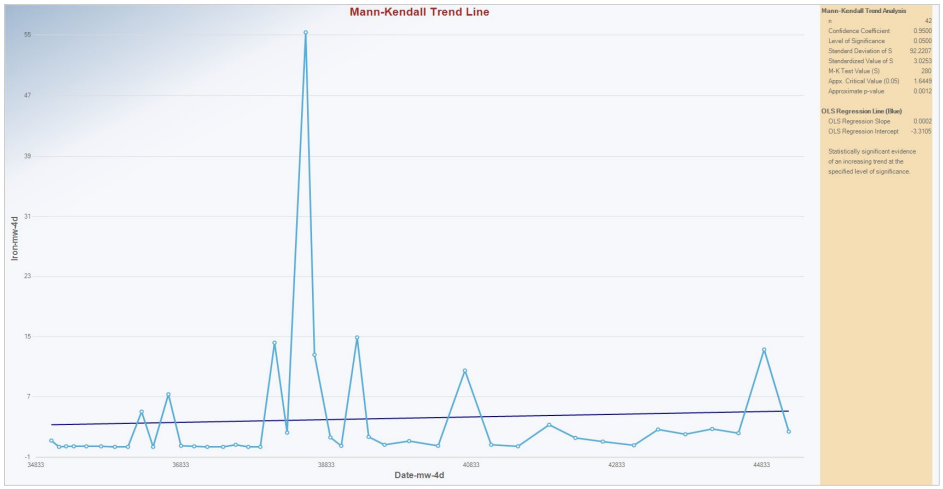
General Statistics

Number of Events Reported (m)	42
Number of Missing Events	0
Number or Reported Events Used	42
Number Values Reported (n)	42
Minimum	0.084
Maximum	55.1
Mean	3.749
Geometric Mean	0.774
Median	0.598
Standard Deviation	9.1
Coefficient of Variation	2.427

Mann-Kendall Test

M-K Test Value (S)	280
Critical Value (0.1)	1.282
Standard Deviation of S	92.22
Standardized Value of S	3.025
Approximate p-value	0.00124

Statistically significant evidence of an increasing trend at the specified level of significance.



Iron MW-4S

Confidence Factor < 90%; S>0 - No Trend

Confidence Coefficient	95%
Level of Significance	0.05

General Statistics

Number of Events Reported (m)	36
Number of Missing Events	1
Number or Reported Events Used	35
Number Values Reported (n)	36
Number Values Missing	1
Number Values Used	35
Minimum	0.1
Maximum	9.14
Mean	3.795
Geometric Mean	3.228
Median	3.9
Standard Deviation	1.799
Coefficient of Variation	0.474

Mann-Kendall Test

M-K Test Value (S)	82
Critical Value (0.05)	1.645
Standard Deviation of S	70.39
Standardized Value of S	1.151
Approximate p-value	0.125

Insufficient evidence to identify a significant trend at the specified level of significance.

Confidence Coefficient	90%
Level of Significance	0.1

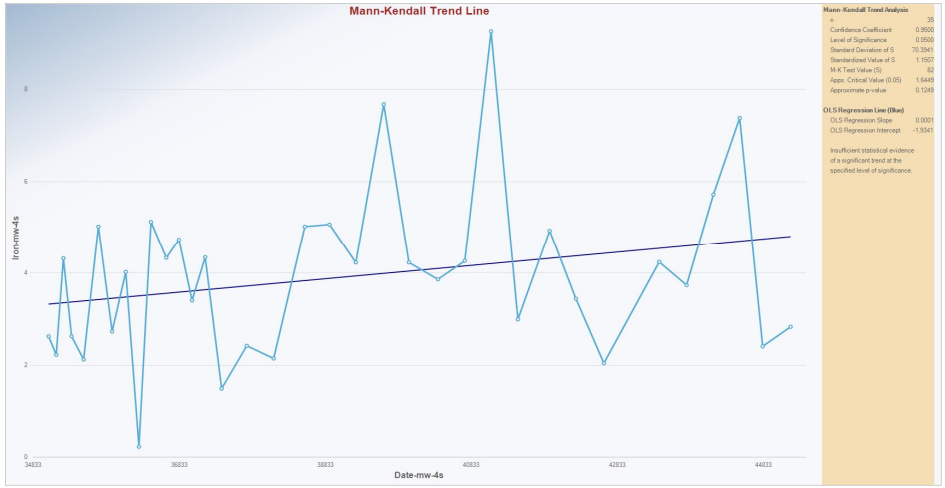
General Statistics

Number of Events Reported (m)	36
Number of Missing Events	1
Number or Reported Events Used	35
Number Values Reported (n)	36
Number Values Missing	1
Number Values Used	35
Minimum	0.1
Maximum	9.14
Mean	3.795
Geometric Mean	3.228
Median	3.9
Standard Deviation	1.799
Coefficient of Variation	0.474

Mann-Kendall Test

M-K Test Value (S)	82
Critical Value (0.1)	1.282
Standard Deviation of S	70.39
Standardized Value of S	1.151
Approximate p-value	0.125

Insufficient evidence to identify a significant trend at the specified level of significance.



Mann-Kendall Trend Test Analysis

Manganese MW-11D

Confidence Factor >95%; S<0 - Downward trend

Confidence Coefficient	95%	Confidence Coefficient	90%
Level of Significance	0.05	Level of Significance	0.1

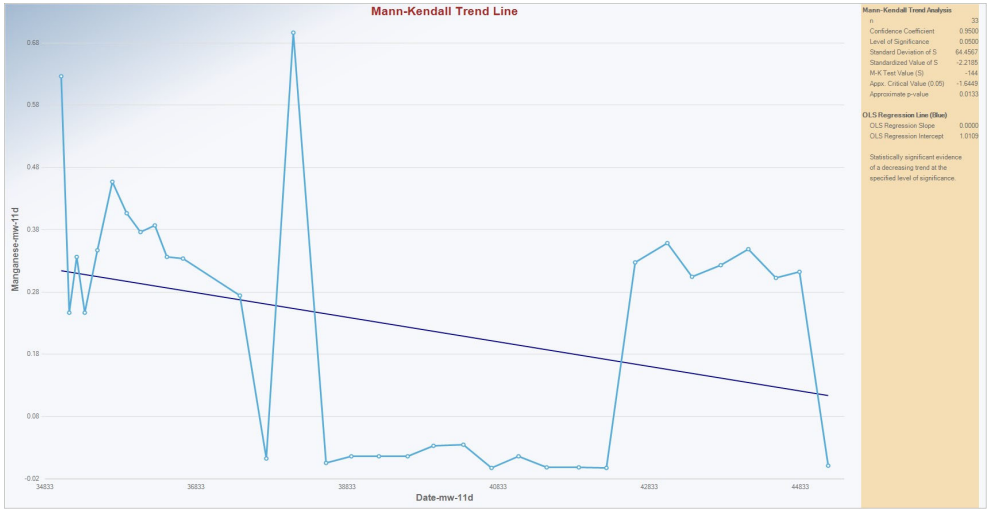
General Statistics		General Statistics	
Number of Events Reported (m)	33	Number of Events Reported (m)	33
Number of Missing Events	0	Number of Missing Events	0
Number or Reported Events Used	33	Number or Reported Events Used	33
Number Values Reported (n)	33	Number Values Reported (n)	33
Minimum	7.90E-04	Minimum	7.90E-04
Maximum	0.7	Maximum	0.7
Mean	0.23	Mean	0.23
Geometric Mean	0.0788	Geometric Mean	0.0788
Median	0.307	Median	0.307
Standard Deviation	0.197	Standard Deviation	0.197
Coefficient of Variation	0.855	Coefficient of Variation	0.855

Mann-Kendall Test		Mann-Kendall Test	
M-K Test Value (S)	-144	M-K Test Value (S)	-144
Critical Value (0.05)	-1.645	Critical Value (0.1)	-1.282
Standard Deviation of S	64.46	Standard Deviation of S	64.46
Standardized Value of S	-2.219	Standardized Value of S	-2.219
Approximate p-value	0.0133	Approximate p-value	0.0133

Statistically significant evidence of a decreasing trend at the specified level of significance.

Statistically significant evidence of a decreasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis



Manganese MW-11S

Confidence Factor >95%; S<0 - Downward trend

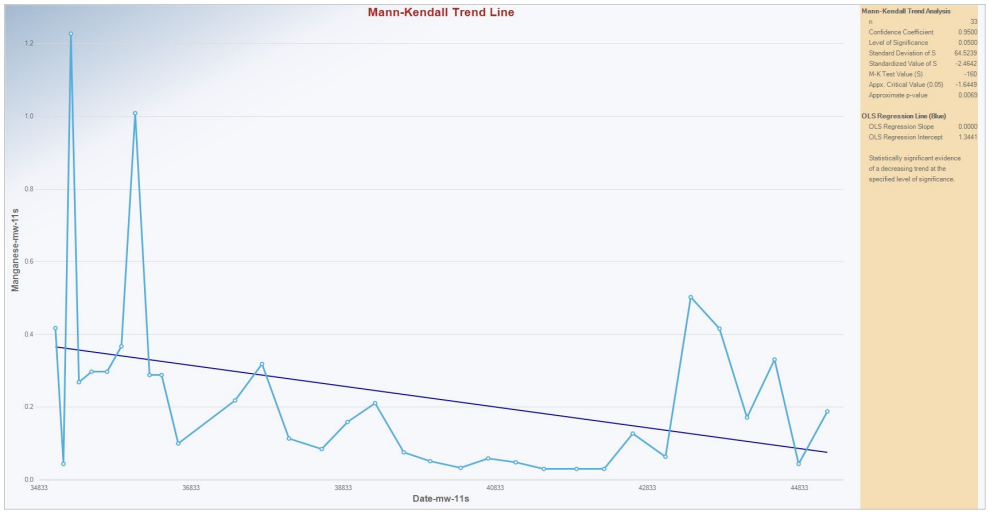
Confidence Coefficient	95%	Confidence Coefficient	90%
Level of Significance	0.05	Level of Significance	0.1

General Statistics		General Statistics	
Number of Events Reported (m)	33	Number of Events Reported (m)	33
Number of Missing Events	0	Number of Missing Events	0
Number or Reported Events Used	33	Number or Reported Events Used	33
Number Values Reported (n)	33	Number Values Reported (n)	33
Minimum	0.0015	Minimum	0.0015
Maximum	1.2	Maximum	1.2
Mean	0.212	Mean	0.212
Geometric Mean	0.0834	Geometric Mean	0.0834
Median	0.144	Median	0.144
Standard Deviation	0.265	Standard Deviation	0.265
Coefficient of Variation	1.251	Coefficient of Variation	1.251

Mann-Kendall Test		Mann-Kendall Test	
M-K Test Value (S)	-160	M-K Test Value (S)	-160
Critical Value (0.05)	-1.645	Critical Value (0.1)	-1.282
Standard Deviation of S	64.52	Standard Deviation of S	64.52
Standardized Value of S	-2.464	Standardized Value of S	-2.464
Approximate p-value	0.00687	Approximate p-value	0.00687

Statistically significant evidence of a decreasing trend at the specified level of significance.

Statistically significant evidence of a decreasing trend at the specified level of significance.



Manganese MW-4D

Confidence Factor >95%; S>0 - Upward trend

Confidence Coefficient	95%
Level of Significance	0.05

General Statistics

Number of Events Reported (m)	39
Number of Missing Events	0
Number or Reported Events Used	39
Number Values Reported (n)	39
Minimum	0.049
Maximum	22.2
Mean	1.601
Geometric Mean	0.723
Median	0.75
Standard Deviation	3.582
Coefficient of Variation	2.238

Mann-Kendall Test

M-K Test Value (S)	144
Critical Value (0.05)	1.645
Standard Deviation of S	82.64
Standardized Value of S	1.73
Approximate p-value	0.0418

Statistically significant evidence of an increasing trend at the specified level of significance.

Manganese-mw-4d

Confidence Coefficient	90%
Level of Significance	0.1

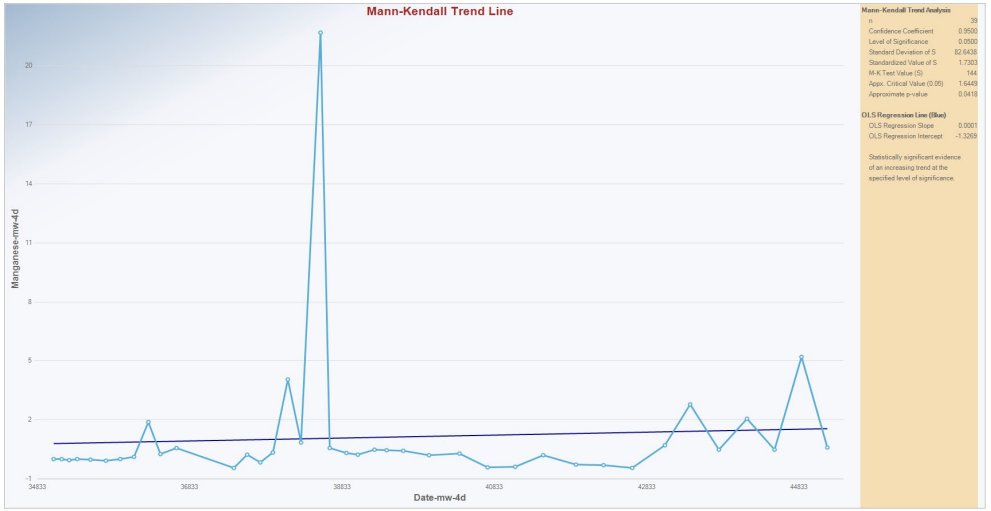
General Statistics

Number of Events Reported (m)	39
Number of Missing Events	0
Number or Reported Events Used	39
Number Values Reported (n)	39
Minimum	0.049
Maximum	22.2
Mean	1.601
Geometric Mean	0.723
Median	0.75
Standard Deviation	3.582
Coefficient of Variation	2.238

Mann-Kendall Test

M-K Test Value (S)	144
Critical Value (0.1)	1.282
Standard Deviation of S	82.64
Standardized Value of S	1.73
Approximate p-value	0.0418

Statistically significant evidence of an increasing trend at the specified level of significance.



Manganese MW-4S

Confidence Factor >95%; S>0 - Upward trend

Confidence Coefficient	95%
Level of Significance	0.05

General Statistics

Number of Events Reported (m)	33
Number of Missing Events	0
Number or Reported Events Used	33
Number Values Reported (n)	33
Minimum	0.499
Maximum	3.91
Mean	2.069
Geometric Mean	1.822
Median	2.1
Standard Deviation	0.955
Coefficient of Variation	0.462

Mann-Kendall Test

M-K Test Value (S)	186
Critical Value (0.05)	1.645
Standard Deviation of S	64.46
Standardized Value of S	2.87
Approximate p-value	0.00205

Statistically significant evidence of an increasing trend at the specified level of significance.

Confidence Coefficient	90%
Level of Significance	0.1

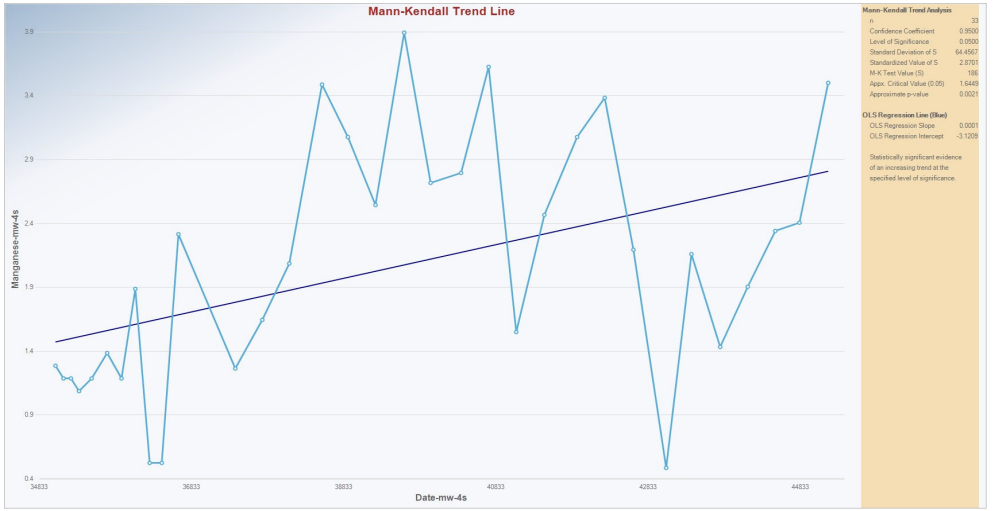
General Statistics

Number of Events Reported (m)	33
Number of Missing Events	0
Number or Reported Events Used	33
Number Values Reported (n)	33
Minimum	0.499
Maximum	3.91
Mean	2.069
Geometric Mean	1.822
Median	2.1
Standard Deviation	0.955
Coefficient of Variation	0.462

Mann-Kendall Test

M-K Test Value (S)	186
Critical Value (0.1)	1.282
Standard Deviation of S	64.46
Standardized Value of S	2.87
Approximate p-value	0.00205

Statistically significant evidence of an increasing trend at the specified level of significance.



Mann-Kendall Trend Test Analysis

Sodium MW-10D

Confidence Factor >95%; S<0 - Downward Trend

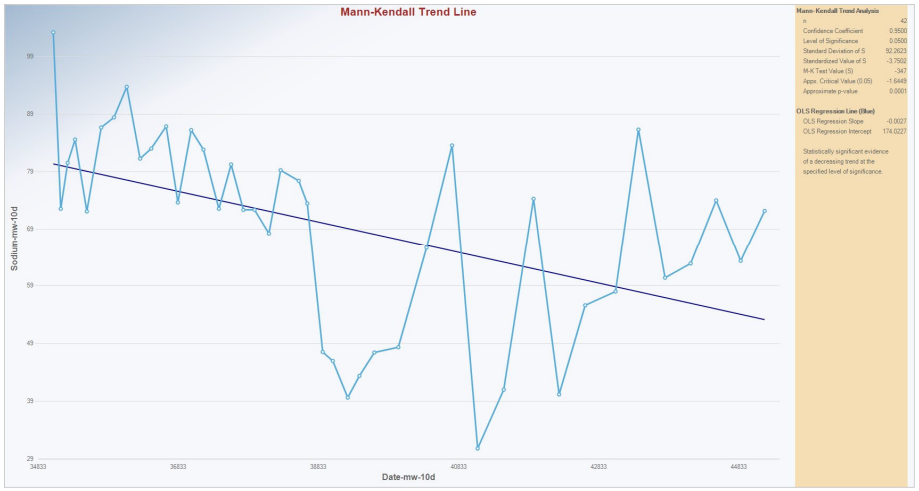
Confidence Coefficient	**95%**	Confidence Coefficient	90%
Level of Significance	0.05	Level of Significance	0.1

General Statistics		General Statistics	
Number of Events Reported (m)	42	Number of Events Reported (m)	42
Number of Missing Events	0	Number of Missing Events	0
Number or Reported Events Used	42	Number or Reported Events Used	42
Number Values Reported (n)	42	Number Values Reported (n)	42
Minimum	30.55	Minimum	30.55
Maximum	103	Maximum	103
Mean	69.09	Mean	69.09
Geometric Mean	66.72	Geometric Mean	66.72
Median	72.3	Median	72.3
Standard Deviation	17.03	Standard Deviation	17.03
Coefficient of Variation	0.247	Coefficient of Variation	0.247

Mann-Kendall Test		Mann-Kendall Test	
M-K Test Value (S)	**-347**	M-K Test Value (S)	-347
Critical Value (0.05)	-1.645	Critical Value (0.1)	-1.282
Standard Deviation of S	92.26	Standard Deviation of S	92.26
Standardized Value of S	-3.75	Standardized Value of S	-3.75
Approximate p-value	8.84E-05	Approximate p-value	8.84E-05

Statistically significant evidence of a decreasing trend at the specified level of significance.

Statistically significant evidence of a decreasing trend at the specified level of significance.



Sodium MW-10S

Confidence Factor <90%; S<0; CoV<1 - Stable

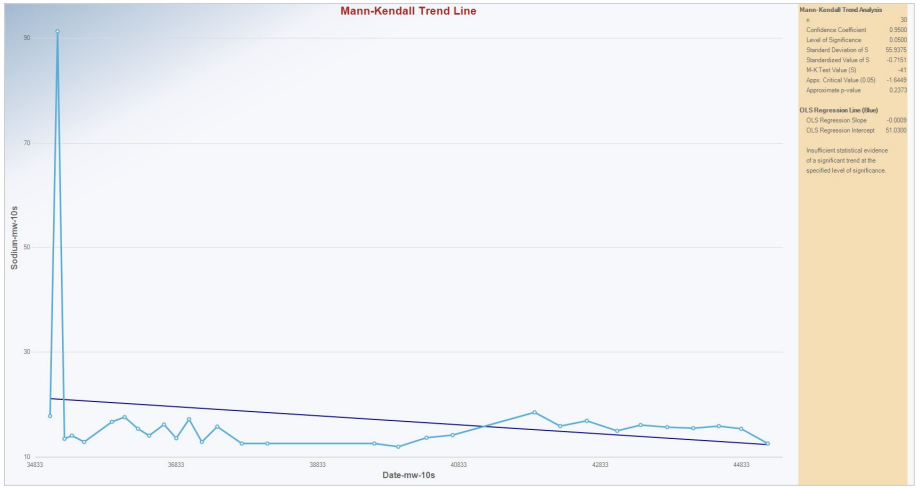
Confidence Coefficient	95%	Confidence Coefficient	**90%**
Level of Significance	0.05	Level of Significance	0.1

General Statistics		General Statistics	
Number of Events Reported (m)	30	Number of Events Reported (m)	30
Number of Missing Events	0	Number of Missing Events	0
Number or Reported Events Used	30	Number or Reported Events Used	30
Number Values Reported (n)	30	Number Values Reported (n)	30
Minimum	11.5	Minimum	11.5
Maximum	90.9	Maximum	90.9
Mean	17.03	Mean	17.03
Geometric Mean	15.28	Geometric Mean	15.28
Median	15	Median	15
Standard Deviation	14.07	Standard Deviation	14.07
Coefficient of Variation	0.826	Coefficient of Variation	**0.826**

Mann-Kendall Test		Mann-Kendall Test	
M-K Test Value (S)	-41	M-K Test Value (S)	**-41**
Critical Value (0.05)	-1.645	Critical Value (0.1)	-1.282
Standard Deviation of S	55.94	Standard Deviation of S	55.94
Standardized Value of S	-0.715	Standardized Value of S	-0.715
Approximate p-value	0.237	Approximate p-value	0.237

Insufficient evidence to identify a significant trend at the specified level of significance.

Insufficient evidence to identify a significant trend at the specified level of significance.



Sodium MW-11D

Confidence Factor >95%; S<0 - Downward Trend

Confidence Coefficient	**95%**	Confidence Coefficient	90%
Level of Significance	0.05	Level of Significance	0.1

General Statistics		**General Statistics**	
Number of Events Reported (m)	36	Number of Events Reported (m)	36
Number of Missing Events	0	Number of Missing Events	0
Number or Reported Events Used	36	Number or Reported Events Used	36
Number Values Reported (n)	36	Number Values Reported (n)	36
Minimum	10.05	Minimum	10.05
Maximum	53.4	Maximum	53.4
Mean	28.88	Mean	28.88
Geometric Mean	27.55	Geometric Mean	27.55
Median	30.15	Median	30.15
Standard Deviation	8.251	Standard Deviation	8.251
Coefficient of Variation	0.286	Coefficient of Variation	0.286

Mann-Kendall Test		**Mann-Kendall Test**	
M-K Test Value (S)	**-128**	M-K Test Value (S)	-128
Critical Value (0.05)	-1.645	Critical Value (0.1)	-1.282
Standard Deviation of S	73.39	Standard Deviation of S	73.39
Standardized Value of S	-1.73	Standardized Value of S	-1.73
Approximate p-value	0.0418	Approximate p-value	0.0418

Statistically significant evidence of a decreasing trend at the specified level of significance.

Statistically significant evidence of a decreasing trend at the specified level of significance.

Sodium MW-11S

Confidence Factor >95%; S<0 - Downward Trend

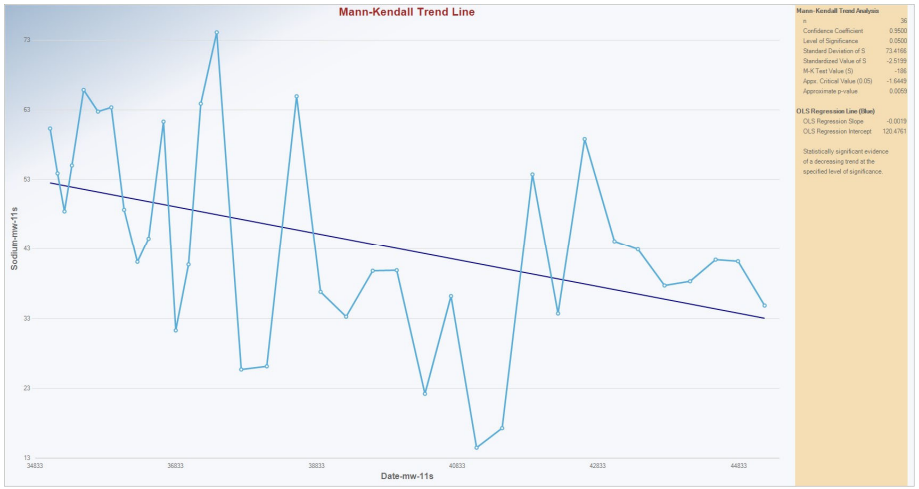
Confidence Coefficient	**95%**	Confidence Coefficient	90%
Level of Significance	0.05	Level of Significance	0.1

General Statistics		**General Statistics**	
Number of Events Reported (m)	36	Number of Events Reported (m)	36
Number of Missing Events	0	Number of Missing Events	0
Number or Reported Events Used	36	Number or Reported Events Used	36
Number Values Reported (n)	36	Number Values Reported (n)	36
Minimum	14.95	Minimum	14.95
Maximum	74.6	Maximum	74.6
Mean	44.89	Mean	44.89
Geometric Mean	42.27	Geometric Mean	42.27
Median	41.8	Median	41.8
Standard Deviation	14.65	Standard Deviation	14.65
Coefficient of Variation	0.326	Coefficient of Variation	0.326

Mann-Kendall Test		**Mann-Kendall Test**	
M-K Test Value (S)	**-186**	M-K Test Value (S)	-186
Critical Value (0.05)	-1.645	Critical Value (0.1)	-1.282
Standard Deviation of S	73.42	Standard Deviation of S	73.42
Standardized Value of S	-2.52	Standardized Value of S	-2.52
Approximate p-value	0.0059	Approximate p-value	0.0059

Statistically significant evidence of a decreasing trend at the specified level of significance.

Statistically significant evidence of a decreasing trend at the specified level of significance.



Sodium MW-12D

Confidence Factor >95%; S<0 - Downward Trend

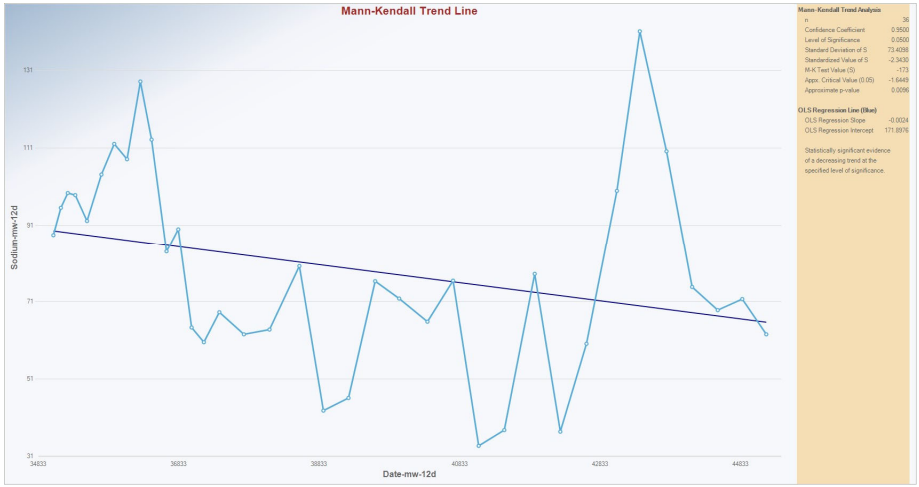
Confidence Coefficient	**95%**	Confidence Coefficient	90%
Level of Significance	0.05	Level of Significance	0.1

General Statistics		General Statistics	
Number of Events Reported (m)	36	Number of Events Reported (m)	36
Number of Missing Events	0	Number of Missing Events	0
Number or Reported Events Used	36	Number or Reported Events Used	36
Number Values Reported (n)	36	Number Values Reported (n)	36
Minimum	33.55	Minimum	33.55
Maximum	141	Maximum	141
Mean	79.61	Mean	79.61
Geometric Mean	75.35	Geometric Mean	75.35
Median	76.35	Median	76.35
Standard Deviation	25.62	Standard Deviation	25.62
Coefficient of Variation	0.322	Coefficient of Variation	0.322

Mann-Kendall Test		Mann-Kendall Test	
M-K Test Value (S)	**-173**	M-K Test Value (S)	-173
Critical Value (0.05)	-1.645	Critical Value (0.1)	-1.282
Standard Deviation of S	73.41	Standard Deviation of S	73.41
Standardized Value of S	-2.343	Standardized Value of S	-2.343
Approximate p-value	0.0096	Approximate p-value	0.0096

Statistically significant evidence of a decreasing trend at the specified level of significance.

Statistically significant evidence of a decreasing trend at the specified level of significance.



Sodium MW-12S

Confidence Factor ≥90%; S<0 - Possible Downward Trend

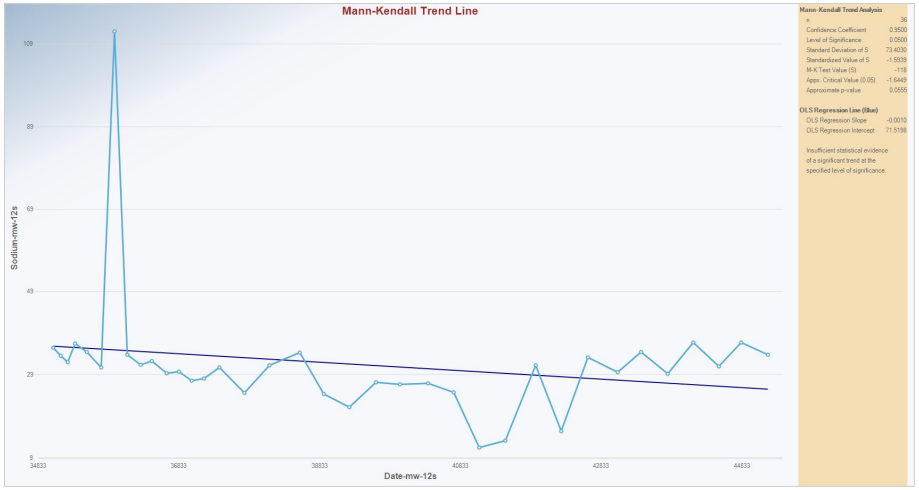
Confidence Coefficient	95%	Confidence Coefficient	**90%**
Level of Significance	0.05	Level of Significance	0.1

General Statistics		General Statistics	
Number of Events Reported (m)	36	Number of Events Reported (m)	36
Number of Missing Events	0	Number of Missing Events	0
Number or Reported Events Used	36	Number or Reported Events Used	36
Number Values Reported (n)	36	Number Values Reported (n)	36
Minimum	11.45	Minimum	11.45
Maximum	112	Maximum	112
Mean	31.52	Mean	31.52
Geometric Mean	29.46	Geometric Mean	29.46
Median	30.9	Median	30.9
Standard Deviation	15.09	Standard Deviation	15.09
Coefficient of Variation	0.479	Coefficient of Variation	0.479

Mann-Kendall Test		Mann-Kendall Test	
M-K Test Value (S)	-118	M-K Test Value (S)	**-118**
Critical Value (0.05)	-1.645	Critical Value (0.1)	-1.282
Standard Deviation of S	73.4	Standard Deviation of S	73.4
Standardized Value of S	-1.594	Standardized Value of S	-1.594
Approximate p-value	0.0555	Approximate p-value	0.0555

Insufficient evidence to identify a significant trend at the specified level of significance.

Statistically significant evidence of a decreasing trend at the specified level of significance.



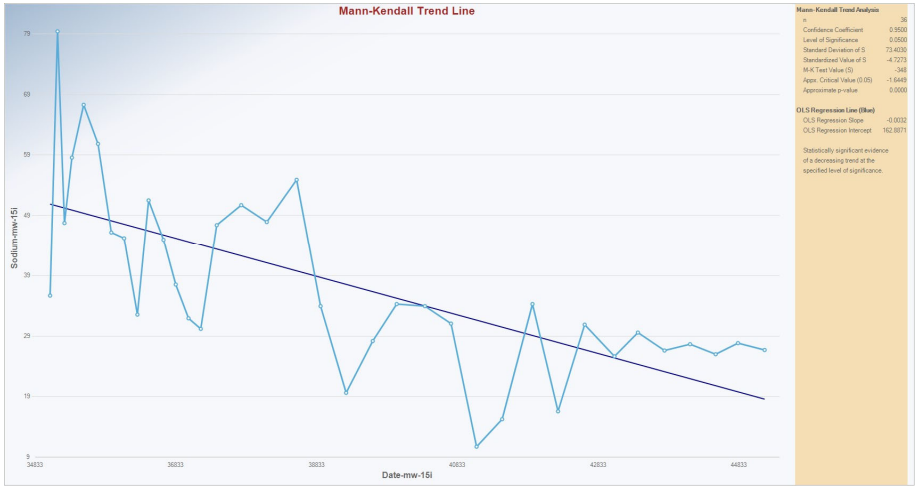
Sodium MW-15I

Confidence Factor >95%; S<0 - Downward Trend

Confidence Coefficient	**95%**	Confidence Coefficient	90%
Level of Significance	0.05	Level of Significance	0.1
General Statistics		**General Statistics**	
Number of Events Reported (m)	36	Number of Events Reported (m)	36
Number of Missing Events	0	Number of Missing Events	0
Number or Reported Events Used	36	Number or Reported Events Used	36
Number Values Reported (n)	36	Number Values Reported (n)	36
Minimum	10.75	Minimum	10.75
Maximum	79.5	Maximum	79.5
Mean	37.53	Mean	37.53
Geometric Mean	34.61	Geometric Mean	34.61
Median	34	Median	34
Standard Deviation	15.01	Standard Deviation	15.01
Coefficient of Variation	0.4	Coefficient of Variation	0.4
Mann-Kendall Test		**Mann-Kendall Test**	
M-K Test Value (S)	**-348**	M-K Test Value (S)	-348
Critical Value (0.05)	-1.645	Critical Value (0.1)	-1.282
Standard Deviation of S	73.4	Standard Deviation of S	73.4
Standardized Value of S	-4.727	Standardized Value of S	-4.727
Approximate p-value	1.14E-06	Approximate p-value	1.14E-06

Statistically significant evidence of a decreasing trend at the specified level of significance.

Statistically significant evidence of a decreasing trend at the specified level of significance.



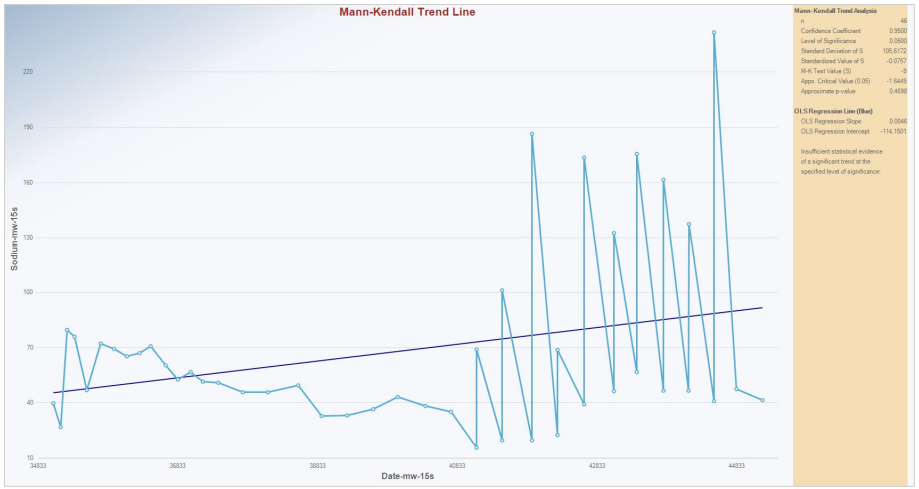
Sodium MW-15S

Confidence Factor <90%; S<0; CoV<1 - Stable

Confidence Coefficient	95%	Confidence Coefficient	**90%**
Level of Significance	0.05	Level of Significance	0.1
General Statistics		**General Statistics**	
Number of Events Reported (m)	46	Number of Events Reported (m)	46
Number of Missing Events	0	Number of Missing Events	0
Number or Reported Events Used	46	Number or Reported Events Used	46
Number Values Reported (n)	46	Number Values Reported (n)	46
Minimum	16	Minimum	16
Maximum	242	Maximum	242
Mean	68.58	Mean	68.58
Geometric Mean	56.44	Geometric Mean	56.44
Median	50.6	Median	50.6
Standard Deviation	49.66	Standard Deviation	49.66
Coefficient of Variation	0.724	Coefficient of Variation	**0.724**
Mann-Kendall Test		**Mann-Kendall Test**	
M-K Test Value (S)	-9	M-K Test Value (S)	**-9**
Critical Value (0.05)	-1.645	Critical Value (0.1)	-1.282
Standard Deviation of S	105.6	Standard Deviation of S	105.6
Standardized Value of S	-0.0757	Standardized Value of S	-0.076
Approximate p-value	0.47	Approximate p-value	0.47

Insufficient evidence to identify a significant trend at the specified level of significance.

Insufficient evidence to identify a significant trend at the specified level of significance.



Sodium MW-4D

Confidence Factor <90%; S>0 - No Trend

Confidence Coefficient	95%
Level of Significance	0.05

General Statistics

Number of Events Reported (m)	42
Number of Missing Events	0
Number or Reported Events Used	42
Number Values Reported (n)	42
Minimum	7.1
Maximum	40.8
Mean	18.2
Geometric Mean	17.09
Median	17.45
Standard Deviation	6.939
Coefficient of Variation	0.381

Mann-Kendall Test

M-K Test Value (S)	45
Critical Value (0.05)	1.645
Standard Deviation of S	92.23
Standardized Value of S	0.477
Approximate p-value	0.317

Insufficient evidence to identify a significant trend at the specified level of significance.

Confidence Coefficient	**90%**
Level of Significance	0.1

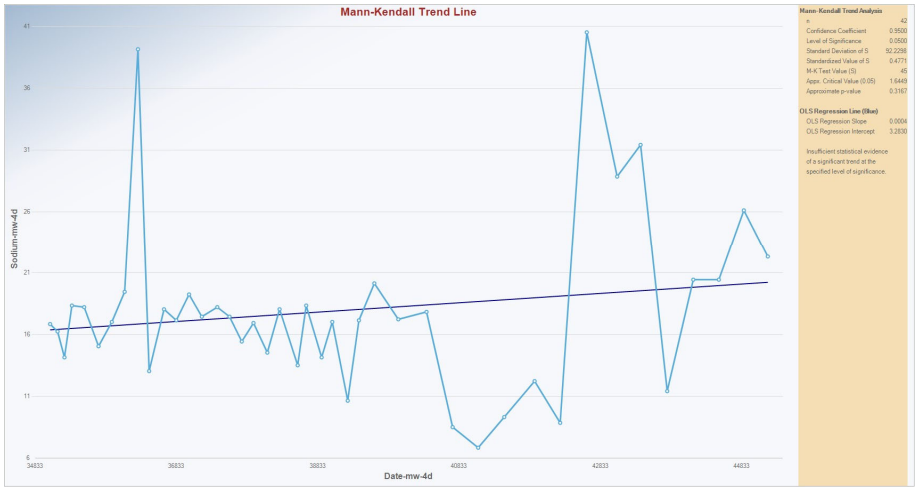
General Statistics

Number of Events Reported (m)	42
Number of Missing Events	0
Number or Reported Events Used	42
Number Values Reported (n)	42
Minimum	7.1
Maximum	40.8
Mean	18.2
Geometric Mean	17.09
Median	17.45
Standard Deviation	6.939
Coefficient of Variation	0.381

Mann-Kendall Test

M-K Test Value (S)	**45**
Critical Value (0.1)	1.282
Standard Deviation of S	92.23
Standardized Value of S	0.477
Approximate p-value	0.317

Insufficient evidence to identify a significant trend at the specified level of significance.



Sodium MW-4S

Confidence Factor >95%; S>0 - Upward Trend

Confidence Coefficient	**95%**
Level of Significance	0.05

General Statistics

Number of Events Reported (m)	36
Number of Missing Events	0
Number or Reported Events Used	36
Number Values Reported (n)	36
Minimum	15.75
Maximum	58.3
Mean	33.89
Geometric Mean	31.9
Median	33.4
Standard Deviation	11.77
Coefficient of Variation	0.347

Mann-Kendall Test

M-K Test Value (S)	**215**
Critical Value (0.05)	1.645
Standard Deviation of S	73.41
Standardized Value of S	2.915
Approximate p-value	0.0018

Statistically significant evidence of an increasing trend at the specified level of significance.

Confidence Coefficient	90%
Level of Significance	0.1

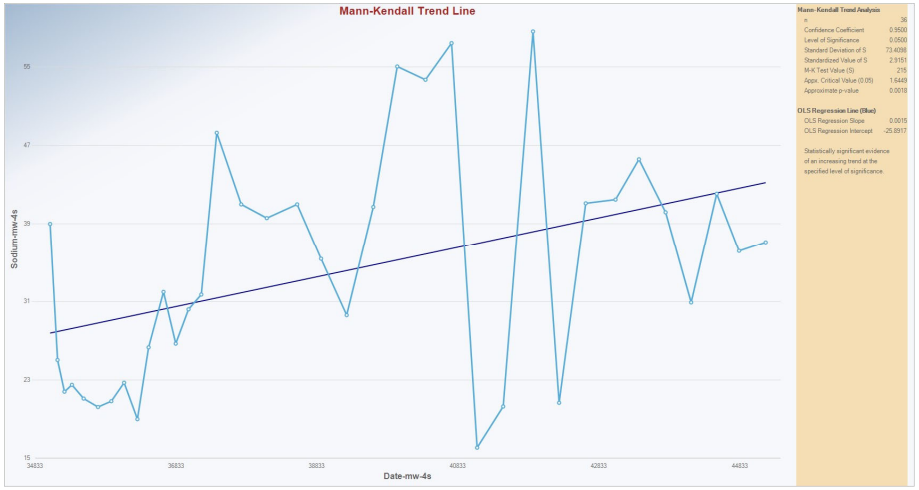
General Statistics

Number of Events Reported (m)	36
Number of Missing Events	0
Number or Reported Events Used	36
Number Values Reported (n)	36
Minimum	15.75
Maximum	58.3
Mean	33.89
Geometric Mean	31.9
Median	33.4
Standard Deviation	11.77
Coefficient of Variation	0.347

Mann-Kendall Test

M-K Test Value (S)	215
Critical Value (0.1)	1.282
Standard Deviation of S	73.41
Standardized Value of S	2.915
Approximate p-value	0.0018

Statistically significant evidence of an increasin trend at the specified level of significance.



Sodium MW-7D

Confidence Factor <90%; S<0; CoV<1 - Stable

Confidence Coefficient	95%
Level of Significance	0.05

General Statistics

Number of Events Reported (m)	35
Number of Missing Events	0
Number or Reported Events Used	35
Number Values Reported (n)	35
Minimum	13.8
Maximum	41.2
Mean	31.34
Geometric Mean	30.46
Median	32
Standard Deviation	6.768
Coefficient of Variation	0.216

Mann-Kendall Test

M-K Test Value (S)	-87
Critical Value (0.05)	-1.645
Standard Deviation of S	70.38
Standardized Value of S	-1.222
Approximate p-value	0.111

Insufficient evidence to identify a significant trend at the specified level of significance.

Confidence Coefficient	**90%**
Level of Significance	0.1

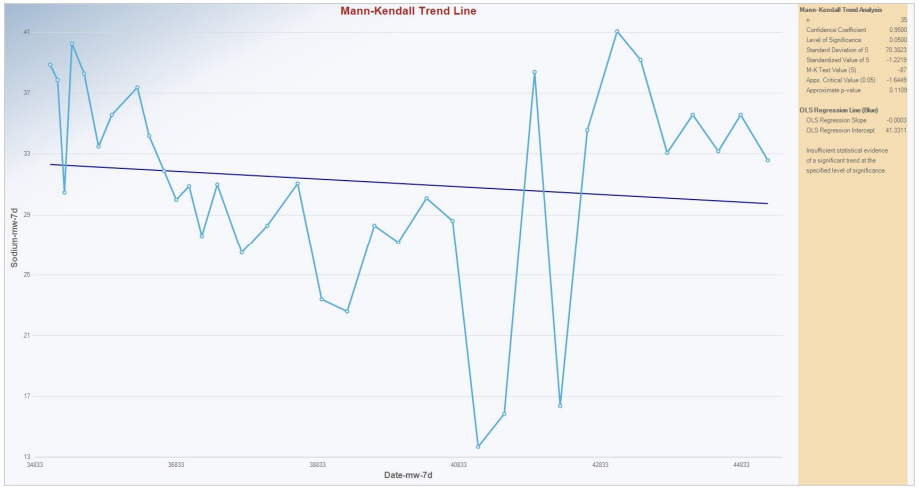
General Statistics

Number of Events Reported (m)	35
Number of Missing Events	0
Number or Reported Events Used	35
Number Values Reported (n)	35
Minimum	13.8
Maximum	41.2
Mean	31.34
Geometric Mean	30.46
Median	32
Standard Deviation	6.768
Coefficient of Variation	**0.216**

Mann-Kendall Test

M-K Test Value (S)	**-87**
Critical Value (0.1)	-1.282
Standard Deviation of S	70.38
Standardized Value of S	-1.222
Approximate p-value	0.111

Insufficient evidence to identify a significant trend at the specified level of significance.



Sodium MW-7S

Confidence Factor >95%; S<0 - Downward Trend

Confidence Coefficient	**95%**
Level of Significance	0.05

General Statistics

Number of Events Reported (m)	35
Number of Missing Events	0
Number or Reported Events Used	35
Number Values Reported (n)	35
Minimum	23.7
Maximum	113
Mean	71.04
Geometric Mean	67.17
Median	69.7
Standard Deviation	21.43
Coefficient of Variation	0.302

Mann-Kendall Test

M-K Test Value (S)	**-265**
Critical Value (0.05)	-1.645
Standard Deviation of S	70.42
Standardized Value of S	-3.749
Approximate p-value	8.87E-05

Statistically significant evidence of a decreasing trend at the specified level of significance.

Sodium MW-7s

Confidence Coefficient	90%
Level of Significance	0.1

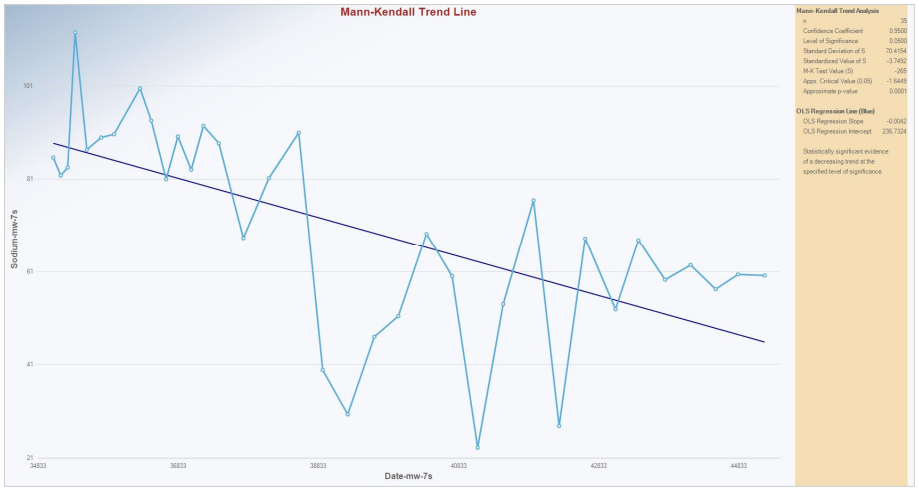
General Statistics

Number of Events Reported (m)	35
Number of Missing Events	0
Number or Reported Events Used	35
Number Values Reported (n)	35
Minimum	23.7
Maximum	113
Mean	71.04
Geometric Mean	67.17
Median	69.7
Standard Deviation	21.43
Coefficient of Variation	0.302

Mann-Kendall Test

M-K Test Value (S)	-265
Critical Value (0.1)	-1.282
Standard Deviation of S	70.42
Standardized Value of S	-3.749
Approximate p-value	8.87E-05

Statistically significant evidence of a decreasing trend at the specified level of significance.



Mann-Kendall Trend Test Analysis

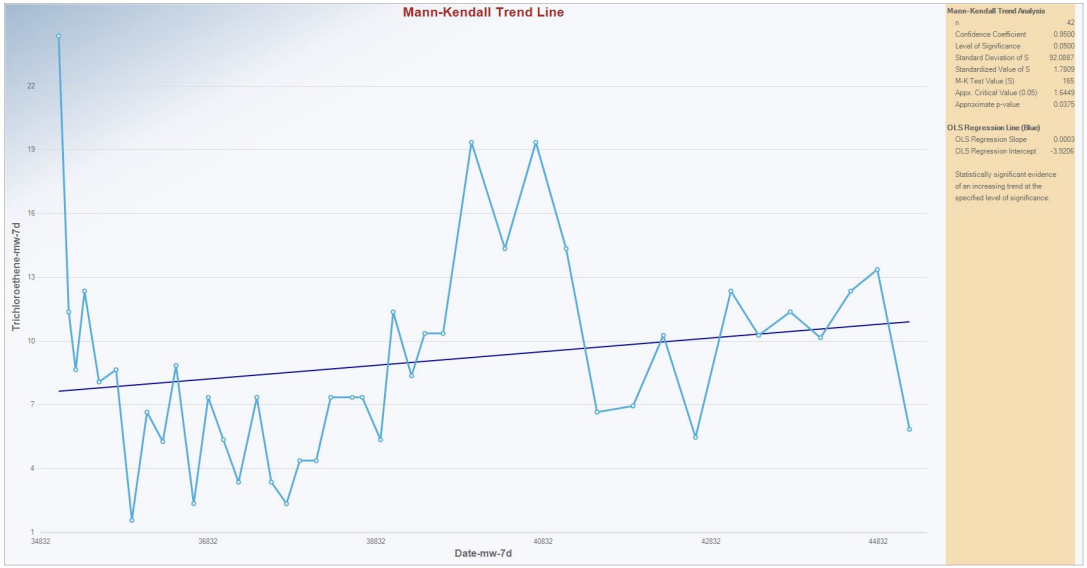
Trichloroethene MW-7D

Confidence Factor >95%; S>0 - Upward trend

Confidence Coefficient	95%		Confidence Coefficient	90%	
Level of Significance	0.05		Level of Significance	0.1	
General Statistics			**General Statistics**		
Number of Events Reported (m)		42	Number of Events Reported (m)		42
Number of Missing Events		0	Number of Missing Events		0
Number or Reported Events Used		42	Number or Reported Events Used		42
Number Values Reported (n)		42	Number Values Reported (n)		42
Minimum		1.2	Minimum		1.2
Maximum		24	Maximum		24
Mean		8.602	Mean		8.602
Geometric Mean		7.302	Geometric Mean		7.302
Median		7.85	Median		7.85
Standard Deviation		4.76	Standard Deviation		4.76
Coefficient of Variation		0.553	Coefficient of Variation		0.553
Mann-Kendall Test			**Mann-Kendall Test**		
M-K Test Value (S)		165	M-K Test Value (S)		165
Critical Value (0.05)		1.645	Critical Value (0.1)		1.282
Standard Deviation of S		92.09	Standard Deviation of S		92.09
Standardized Value of S		1.781	Standardized Value of S		1.781
Approximate p-value		0.0375	Approximate p-value		0.0375

Statistically significant evidence of an increasing trend at the specified level of significance.

Statistically significant evidence of an increasing trend at the specified level of significance.



APPENDIX

G

Data Usability Summary Reports

DATA VALIDATION REPORT

Project Name: Edward Allen Landfill Groundwater
Project #: B2101342.026
Sample ID numbers: L2357547, L2357560, L2357564, L2357567
Validation Performed by: Michael Shadle
Peer Reviewed by:
Validation Report Date: November 29, 2023

Analytical Methods Utilized: SW-846 6020A – ICP/MS Metals

SW-846 8260D – Volatile Organic Compounds (VOCs)
SW-846 7470A – Mercury

Analytical Laboratory: Alpha Analytical Laboratories, Westborough, MA

Validation Guidance: Environmental Protection Agency (EPA). November 2020. National Functional Guidelines for Organic Methods Data Review. OLEM 9240.1-66. EPA-540-R-20-005.

Environmental Protection Agency (EPA). November 2020. National Functional Guidelines for Inorganic Methods Data Review. OLEM 9240.1-66. EPA-542-R-20-006.

Sample ID:	Sample Date:	Laboratory ID:	Matrix:	Notes:
MW-4S	9/27/2023 14:35	L2357547-01	aqueous	
MW-4D	9/27/2023 14:25	L2357547-02	aqueous	
MW-7S	9/28/2023 15:40	L2357547-03	aqueous	
MW-7D	9/28/2023 15:35	L2357547-04	aqueous	
MW-10S	9/27/2023 10:40	L2357547-05	aqueous	
MW-10D	9/27/2023 11:20	L2357547-06 L2357547-19	aqueous	Also requested dissolved metals
MW-11S	9/27/2023 16:40	L2357547-07	aqueous	
MW-11D	9/27/2023 15:55	L2357547-08	aqueous	

Sample ID:	Sample Date:	Laboratory ID:	Matrix:	Notes:
MW-12S	9/28/2023 11:25	L2357547-09	aqueous	
MW-12D	9/28/2023 11:45	L2357547-10	aqueous	
MW-13S	9/28/2023 14:10	L2357547-11	aqueous	
MW-13D	9/28/2023 14:05	L2357547-12	aqueous	MS/MSD
MW-14S	9/26/2023 14:55	L2357547-13	aqueous	
MW-15S	9/26/2023 12:00	L2357547-14	aqueous	
MW-15I	9/26/2023 12:30	L2357547-15	aqueous	
MW-15D	9/26/2023 15:50	L2357547-16	aqueous	
RB	9/28/2023 16:10	L2357547-17	aqueous	Field rinsate blank
TB	9/28/2023 00:00	L2357547-18	aqueous	Trip blank
RW 2047	9/29/2023 10:00	L2357560-01	aqueous	
RW 2084	9/29/2023 10:45	L2357564-01	aqueous	
RW 2094	9/29/2023 10:45	L2357567-01	aqueous	

This sample set consists of the following:

Field Samples:	19
Trip blanks:	1
Equipment blanks:	0
Field rinsate blanks:	1
Field duplicates:	0
Matrix spike/matrix spike duplicates:	1

Samples/Analytical Fraction:

				VOCs	Total Metals	Mercury	Dissolved Metals	Dissolved Mercury
Sample ID:	**Sample Date:**	**Laboratory ID:**	**Matrix:**	**SW-846 8260D**	**SW-846 6020B/USPA 200.7/USEPA 200.8**	**SW-846 7470A/USEPA 245.1**	**SW-846 6020B**	**SW-846 7470A**
MW-4S	9/27/2023 14:35	L2357547-01	AQ	--	X	X	--	--
MW-4D	9/27/223 14:25	L2357547-02	AQ	--	X	X	--	--
MW-7S	9/28/2023 15:40	L2357547-03	AQ	X	X	X	--	--
MW-7D	9/28/2023 15:35	L2357547-04	AQ	X	X	X	--	--
MW-10S	9/27/2023 10:40	L2357547-05	AQ	--	X	X	--	--
MW-10D	9/27/2023 11:20	L2357547-06 L2357547-19	AQ	--	X	X	X	X
MW-11S	9/27/2023 16:40	L2357547-07	AQ	--	X	X	--	--
MW-11D	9/27/2023 15:55	L2357547-08	AQ	--	X	X	--	--
MW-12S	9/28/2023 11:25	L2357547-09	AQ	--	X	X	--	--
MW-12D	9/28/2023 11:45	L2357547-10	AQ	--	X	X	--	--
MW-13S	9/28/2023 14:10	L2357547-11	AQ	X	X	X	--	--
MW-13D	9/28/2023 14:05	L2357547-12	AQ	X	X	X	--	--

				VOCs	Total Metals	Mercury	Dissolved Metals	Dissolved Mercury
Sample ID:	**Sample Date:**	**Laboratory ID:**	**Matrix:**	**SW-846 8260D**	**SW-846 6020B/USPA 200.7/USEPA 200.8**	**SW-846 7470A/USEPA 245.1**	**SW-846 6020B**	**SW-846 7470A**
MW-14S	9/26/2023 14:55	L2357547-13	AQ	--	X	X	--	--
MW-15S	9/26/2023 12:00	L2357547-14	AQ	--	X	X	--	--
MW-15I	9/26/2023 12:30	L2357547-15	AQ	--	X	X	--	--
MW-15D	9/26/2023 15:50	L2357547-16	AQ	--	X	X	--	--
RB	9/28/2023 16:10	L2357547-17	AQ	X	X	X	--	--
TB	9/28/2023 00:00	L2357547-18	AQ	X	--	--	--	--
RW 2047	9/29/2023 10:00	L2357560-01	AQ	--	X	X	--	--
RW 2084	9/29/2023 10:45	L2357564-01	AQ	--	X	X	--	--
RW 2094	9/29/2023 10:45	L2357567-01	AQ	--	X	X	--	--

Analytical data in this report were reviewed to determine analytical limitations of the data based on specific quality control criteria. This review is performed on a laboratory signed data package. The laboratory signature indicates that the laboratory has reviewed and has certified that the information provided in the data package is correct and complete. The results of the review are an interpretation of the reported quality control information provided by the laboratory in comparison to the specified validation criteria for the project.

This evaluation was conducted in accordance with the requested validation guidelines, project requirements (if applicable), and the analytical methods. Finding from this validation should be considered when using the analytical data.

The organic and inorganic findings are based upon the assessment of the following, where applicable:

- Sample Preservation
- Sample/preparation holding times
- Method/preparation blanks
- Field rinsate blanks
- Laboratory Control Samples (LCS)/LCS Duplicates (LCSD) recoveries, Relative Percent Difference (RPD) values
- Matrix spike (MS)/MS duplicate (MSD) recoveries, RPD values
- Field and/or laboratory duplicate samples

Any sample result that resulted in qualification based on identified quality assurance/quality control anomalies are listed in Table 1 at the end of this report.

FINDINGS

1. Sample Preservation

All samples were properly preserved.

2. Sample/preparation holding times

All samples were prepared or digested within the recommended holding time. Al samples were analyzed within the recommended holding time.

3. Method/Preparation Blanks

Method/preparation blanks were not detected above the method detection limit (MDL), except for the analytes listed in the table below.

- If the concentration in the blank is less than the reporting limit (RL) and the associated sample result is either non-detect or greater than the RL, data were not qualified.
- If the concentration in the blank is less than the RL and the associated sample result was also less than the RL, data were qualified as non-detect (U) at the RL.

SDG	Method/prep Blank Batch	Method	Analyte	Result	Lab Qualifier	RL	MDL	Unit
L2357547	WG1834913-1	SW-846 6020B	Total Copper	0.00173	J	0.00200	0.00038	mg/L
L2357547	WG1834988-1	SW-846 6020B	Dissolved Antimony	0.00046	J	0.00400	0.00042	mg/L
L2357547	WG1834988-1	SW-846 6020B	Dissolved Sodium	0.0425	J	0.100	0.0293	mg/L
L2357547	WG1835042-1	SW-846 6020B	Total Manganese	0.00049	J	0.00100	0.00044	mg/L
L2357560 L2357564 L2357567	WG1835940-1	USEPA 200.8	Total Vanadium	0.0022	J	0.0050	0.0016	mg/L

4. Field Rinsate Blanks

Field rinsate blanks are associated with field samples collected on the same day. All field rinsate blank results were not detected above the MDL, except for the analytes listed in the table below.

SDG	Blank	Method	Analyte	Result	Lab Qualifier	RL	MDL	Unit
L2357547	RB (9/28/2023)	SW-846 6020B	Total Aluminum	0.0347	J	0.0100	0.00327	mg/L
L2357547	RB (9/28/2023)	SW-846 6020B	Total chromium	0.00037	J	0.00100	0.00017	mg/L

SDG	Blank	Method	Analyte	Result	Lab Qualifier	RL	MDL	Unit
L2357547	RB (9/28/2023)	SW-846 6020B	Total Sodium	0.0393	J	0.100	0.0293	mg/L

5. Laboratory Control Samples (LCS) LCS Duplicate (LCSD) recoveries, Relative Percent Difference (RPD) values:

All LCS/LCSD recoveries were within control limits and all RPD values were within control limits, except for the analytes listed in the table below.

— When LCS/LCSD percent recoveries were less than the lower control limit, non-detect sample results were qualified as UJ.

SDG	LCS/LCSD Batch	Method	Analyte	Percent Recoveries	RPD	Control Limit (%)
L2357547	WG1837830-3/ WG1837830-4	SW-846 8260D	Bromomethane	34 / 38	11	39 – 139 / 20

6. Matrix spike (MS)/MS duplicate (MSD) recoveries, RPD values

Only project-specific MS/MSD recoveries and RPD values were assessed. All MS/MSD recoveries and RPD values were within control limits, except for the analytes listed in the table below.

— When the sample concentration was greater than 4x the spiking concentration, data were not qualified.

Sample Name	***Laboratory ID***
MW-13D	L2357547-12

Analyte	***MS % Recovery***	***MSD % Recovery***	***% Recovery Limits***	***RPD***	***RPD Limit***
Total Calcium	0	0	75 – 125	4	20
Notes: a – Sample concentration greater than 4x spike concentration.					

7. Field and/or laboratory duplicate samples

There were no field duplicates collected during this sampling event.

All project-specific laboratory duplicate RPDs were within control limits.

NOTES

1. Analysis

In SDG L2357560, the collection date and time on the chain of custody was 09/29/2023 10:45; however, the collection date and time on the sample container was 9/29/2023 10:00. Per client request, the laboratory logged in the sample using the sample date and time from the sample container.

In SDG L2357567, the collection date and time on the chain of custody was 09/29/2023 10:00; however, the collection date and time on the sample container was 9/29/2023 10:45. Per client request, the laboratory logged in the sample using the sample date and time from the sample container.

Michael Shadle	**11/30/2023**
Data Reviewer	**Date**
Danielle Sylvia-Cofelice	**12/4/2023**
Peer Reviewer	**Date**

Table 1 – Data Qualification Summary

SDG	Sample ID	CAS No.	Analyte	Initial Result	Adjusted Result (if necessary)	RL	Validator Qualifier	Reason
L2357547	MW-4S	7440-50-8	Total Copper	0.00085 J	0.00200	0.00200	U	Method blank contamination
L2357547	MW-4D	7440-50-8	Total Copper	0.00136 J	0.00200	0.00200	U	Method blank contamination
L2357547	MW-7D	7440-50-8	Total Copper	0.00119 J	0.00200	0.00200	U	Method blank contamination
L2357547	MW-11S	7440-50-8	Total Copper	0.00154 J	0.00200	0.00200	U	Method blank contamination
L2357547	MW-11D	7440-50-8	Total Copper	0.00089 J	0.00200	0.00200	U	Method blank contamination
L2357547	MW-12S	7440-50-8	Total Copper	0.00147 J	0.00200	0.00200	U	Method blank contamination
L2357547	MW-12D	7440-50-8	Total Copper	0.00111 J	0.00200	0.00200	U	Method blank contamination
L2357547	MW-13S	7440-50-8	Total Copper	0.00073 J	0.00200	0.00200	U	Method blank contamination
L2357547	MW-14S	7440-50-8	Total Copper	0.00132 J	0.00200	0.00200	U	Method blank contamination
L2357547	MW-15S	7440-50-8	Total Copper	0.00093 J	0.00200	0.00200	U	Method blank contamination
L2357547	MW-15I	7440-50-8	Total Copper	0.00090 J	0.00200	0.00200	U	Method blank contamination
L2357547	MW-12S	7429-90-5	Total Aluminum	0.00776 J	0.0100	0.0100	U	Field rinsate blank contamination
L2357547	MW-7S	7440-47-3	Total Chromium	0.00055 J	0.00100	0.00100	U	Field rinsate blank contamination
L2357547	MW-7D	7440-47-3	Total Chromium	0.00047 J	0.00100	0.00100	U	Field rinsate blank contamination
L2357547	MW-12S	7440-47-3	Total Chromium	0.00041 J	0.00100	0.00100	U	Field rinsate blank contamination
L2357547	MW-12D	7440-47-3	Total Chromium	0.00029 J	0.00100	0.00100	U	Field rinsate blank contamination
L2357547	MW-13S	7440-47-3	Total Chromium	0.00049 J	0.00100	0.00100	U	Field rinsate blank contamination
L2347547	MW-7S	74-83-9	Bromomethane	ND	--	2.5	UJ	LCS/LCSD percent recoveries less than the lower control limits
L2347547	MW-7D	74-83-9	Bromomethane	ND	--	2.5	UJ	LCS/LCSD percent recoveries less than the lower control limits
L2347547	MW-13S	74-83-9	Bromomethane	ND	--	2.5	UJ	LCS/LCSD percent recoveries less than the lower control limits
L2347547	MW-13D	74-83-9	Bromomethane	ND	--	2.5	UJ	LCS/LCSD percent recoveries less than the lower control limits

SDG	Sample ID	CAS No.	Analyte	Initial Result	Adjusted Result (if necessary)	RL	Validator Qualifier	Reason
L2347547	RB	74-83-9	Bromomethane	ND	--	2.5	UJ	LCS/LCSD percent recoveries less than the lower control limits

APPENDIX

H

Steuben County and Ithaca Seepage Disposal Records

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Waste Tracking Number: 8A-895

5. Generator's Name and Mailing Address: Ed Allen — Baily Creek RD

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: Dickson Enviromental — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: Steuben County Landfill — U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1.					5,500 gal
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Corey Roos — Signature — Month / Day / Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. — Port of entry/exit:

Transporter Signature (for exports only): — Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Roos — Signature — Month: 4 / Day: 13 / Year: 23

Transporter 2 Printed/Typed Name — Signature — Month / Day / Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month / Day / Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month / Day / Year

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address: Ed Allen

Generator's Phone: Baily Creek RD

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Dickson Environmental — U.S. EPA ID Number: BA-895

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: ITHACA WWTP — U.S. EPA ID Number:

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	LEACHATE WATER					5,500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 4 | Day: 14 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen
Baily Creek RD

Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Dickson Environmental

U.S. EPA ID Number: 8P-895

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address: Steuben conty landfill

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	LEACHATE WATER					5,500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 4 | Day: 14 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address
Ed Allen landfill
Generator's Phone:

Generator's Site Address (if different than mailing address)
Bailey Creek Rd
Corning NY

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name
Dickson Enviromental Service
U.S. EPA ID Number
8A-195

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. leachate water					
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month: 4 Day: 18 Year: 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook — Signature — Month / Day / Year

Transporter 2 Printed/Typed Name — Signature — Month / Day / Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month / Day / Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Typed Name — Signature — Month / Day / Year

9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address: Ed Allen Landfill

Generator's Site Address (if different than mailing address): Bailey Creek RD Corning, NY

Generator's Phone:

6. Transporter 1 Company Name: Dickson Enviromental Services — U.S. EPA ID Number: BA-895

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone: Steuben County Landfill

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Leachate Water					5,500 gal
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

INT'L

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month Day Year

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook — Signature — Month: 4 Day: 19 Year: 23

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address: Ed Allen LANDFILL

Generator's Site Address (if different than mailing address): BAILEY CREEK RD CORNING, NY

Generator's Phone:

6. Transporter 1 Company Name: DICKSON ENVIROMENTAL — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number: 8A-895

8. Designated Facility Name and Site Address: ITHACA WWTF — U.S. EPA ID Number

Facility's Phone: 607-273-8381 — HP-007

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	LEACHATE WATER					5,500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 04 | Day: 24 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen landfill

Generator's Phone:

Generator's Site Address (if different than mailing address)

1 Bailey Creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Environmental

U.S. EPA ID Number

8A-895

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

ITHACA WWTF

U.S. EPA ID Number

HP-007

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. LEACHATE WATER					5,500
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name

Signature

Month Day Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rooks

Signature

Month: 4 Day: 27 Year: 23

Transporter 2 Printed/Typed Name

Signature

Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address
Ed Allen landfill

Generator's Site Address (if different than mailing address)
Bailey Creek RD
Corning, NY

Generator's Phone:

6. Transporter 1 Company Name
Dickson Enviromental

U.S. EPA ID Number
8A-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Steuben County landfill

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	leachate water					6,300
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 4 | Day: 28 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address: Ed Allen landfill

Generator's Site Address (if different than mailing address): Bailey Creek RD Corning, NY

Generator's Phone:

6. Transporter 1 Company Name: Dickson Environmental — U.S. EPA ID Number: 80-195

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: ITHACA WWTF — U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	leachate water					6,300
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Cory Rook — Signature — Month: 5 — Day: 1 — Year: 23

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address: Ed Allen Landfill

Generator's Site Address (if different than mailing address): 1 Bailey Creek RD Corning, NY

Generator's Phone:

6. Transporter 1 Company Name: Dickson Enviromental — U.S. EPA ID Number: 8A-195

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	LEACHATE WATER					5,500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month Day Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook — Signature — Month: 5 Day: 2 Year: 23

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen landfill

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Enviromental

U.S. EPA ID Number

8A-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

ITHACA WWTF

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. LEACHATE WATER					5,500
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Cory Rook | Signature | Month: 5 | Day: 3 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen landfill

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Environmental

U.S. EPA ID Number: 8A-195

7. Transporter 2 Company Name

U.S. EPA ID Number:

8. Designated Facility Name and Site Address

Steuben County landfill

U.S. EPA ID Number:

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. leachate water					5,500
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Corey Rook		5	4	23
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen landfill

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Environmental

U.S. EPA ID Number

8A-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

ITHACA WWTF

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	leachate water					5,500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Corey Rook		5	5	23
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen landfill

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Enviromental

U.S. EPA ID Number

8A-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

ITHACA WWTF

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. LEACHATE WATER					5,500
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 5 | Day: 8 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address
Ed Allen landfill
Generator's Phone:

Generator's Site Address (if different than mailing address)
Bailey Creek RD Corning NY

6. Transporter 1 Company Name
Dickson Environmental

U.S. EPA ID Number
8A-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. leachate water					5,500
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Roos | Signature | Month: 5 | Day: 8 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address
Ed Allen landfill
Generator's Phone:

Generator's Site Address (if different than mailing address)
Bailey Creek RD Corning NY

6. Transporter 1 Company Name
Dickson Environmental
U.S. EPA ID Number
NA-195

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Steuben County landfill
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	~~$~~ leachate water					5,500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 5 | Day: 9 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address
Ed Allen landfill
Generator's Phone:

Generator's Site Address (if different than mailing address)
Bailey Creek RD Corning, NY

6. Transporter 1 Company Name
Dickson Environmental
U.S. EPA ID Number
8A-195

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ITHACA WWTF
U.S. EPA ID Number
Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	leachate water					5,500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 5 | Day: 12 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address
Ed Allen landfill
Generator's Phone:

Generator's Site Address (if different than mailing address)
Bailey Creek RD Corning, NY

6. Transporter 1 Company Name
Dickson Environmental
U.S. EPA ID Number
8A-195

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ITHACA WWTF
U.S. EPA ID Number
Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	leachate water					5,500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 5 | Day: 15 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address
Ed Allen landfill
Generator's Phone:

Generator's Site Address (if different than mailing address)
Bailey Creek RD Corning, NY

6. Transporter 1 Company Name
Dickson Environmental
U.S. EPA ID Number
NA-195

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ITHACA WWTF
U.S. EPA ID Number
Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. LEACHATE WATER					5,500
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 5 | Day: 16 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address
Ed Allen landfill
Generator's Phone:

Generator's Site Address (if different than mailing address)
Bailey Creek Rd Corning, NY

6. Transporter 1 Company Name
Dickson Enviromental

U.S. EPA ID Number
8A+195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Steuben County landfill
Facility's Phone:

U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	leachate water					5,500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 5 | Day: 17 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address
Ed Allen Landfill
Generator's Phone:

Generator's Site Address (if different than mailing address)
Bailey Creek Rd Corning, NY

6. Transporter 1 Company Name
Dickson Environmental

U.S. EPA ID Number
NA-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
ITHACA WWTF

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	LEACHATE WATER					5,500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 5 | Day: 19 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address: Ed Allen landfill

Generator's Site Address (if different than mailing address): Bailey creek RD Corning, NY

Generator's Phone:

6. Transporter 1 Company Name: Dickson Environmental — U.S. EPA ID Number: 8A-195

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: ITHACA WWTF — U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	leachate water					5,500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month Day Year

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook — Signature — Month: 5 Day: 22 Year: 23

Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen landfill

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek Rd Coming, NY

6. Transporter 1 Company Name

Dickson Environmental

U.S. EPA ID Number

8A495

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Steuben County landfill

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. LEACHATE WATER					5,500
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 5 | Day: 26 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen landfill

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Environmental

U.S. EPA ID Number: 8A-195

7. Transporter 2 Company Name

U.S. EPA ID Number:

8. Designated Facility Name and Site Address

ITHACA WWTP

U.S. EPA ID Number:

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	leachate water					5,500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 6 | Day: 1 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen landfill

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Environmental

U.S. EPA ID Number

NA-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

ITHACA WWTP

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	leachate water					5,500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Cory Rook | Signature | Month: 6 | Day: 9 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Waste Tracking Number

5. Generator's Name and Mailing Address: Ed Allen landfill

Generator's Site Address (if different than mailing address): 1 Bailey Creek RD Corning, NY

Generator's Phone:

6. Transporter 1 Company Name: Dickson Environmental — U.S. EPA ID Number: 8A-195

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: Steuben County landfill — U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	leachate water					5,500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month Day Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Root — Signature — Month: 6 Day: 11 Year: 23

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen Landfill

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek Rd Corning, NY

6. Transporter 1 Company Name

Dickson Environmental

U.S. EPA ID Number

NA-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

ITHACA WWTP

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. LEACHATE WATER					5,500
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 6 | Day: 12 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address: Ed Allen landfill
Generator's Site Address (if different than mailing address): Bailey Creek RD Corning, NY
Generator's Phone:

6. Transporter 1 Company Name: Dickson Environmental
U.S. EPA ID Number: 88-195

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address: ITHACA WWTP
U.S. EPA ID Number
Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. leachate water					2,270
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 6 | Day: 13 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY'S COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address: Ed Allen landFill

Generator's Site Address (if different than mailing address): Bailey Creek RD Corning, NY

Generator's Phone:

6. Transporter 1 Company Name: Dickson Environmental

U.S. EPA ID Number: 88-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address: ITHACA WWTP

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	leachate water					2,270
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 6 | Day: 13 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Waste Tracking Number

5. Generator's Name and Mailing Address: Ed Allen landfill

Generator's Site Address (if different than mailing address): Bailey Creek Rd Corning, NY

Generator's Phone:

6. Transporter 1 Company Name: Dickson Enviromental | U.S. EPA ID Number: 8A-195

7. Transporter 2 Company Name | U.S. EPA ID Number

8. Designated Facility Name and Site Address: Steuben County landfill | U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	leachate water					1,952
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

GENERATOR

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 6 | Day: 15 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen landfill

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Enviromental

U.S. EPA ID Number

NA-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

ITHACA WWTP

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. leachate water					5,849
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Cook | Signature | Month: 7 | Day: 2 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

EC Allen Landfill

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Environmental

U.S. EPA ID Number

BA-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

ITHACA WWTP

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. leachate water					7,000
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Corey Rook		7	4	23
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address: Ed Allen landfill

Generator's Site Address (if different than mailing address): Bailey Creek RD Corning, NY

Generator's Phone:

6. Transporter 1 Company Name: Dickson Enviromental — U.S. EPA ID Number: 8A-195

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: ITHACA WWTP — U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. LEACHATE WATER					4,800
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Roos — Signature — Month: 7 — Day: 7 — Year: 23

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address: Ed Allen Landfill

Generator's Phone:

Generator's Site Address (if different than mailing address): Bailey Creek RD Corning, NY

6. Transporter 1 Company Name: Dickson Environmental — U.S. EPA ID Number: 8A-195

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: Steuben County Landfill — U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	LEACHATE WATER					5,093
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook — Signature — Month: 7 — Day: 11 — Year: 23

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address: EC Allen landfill

Generator's Site Address (if different than mailing address): Bailey Creek RD Corning, NY

Generator's Phone:

6. Transporter 1 Company Name: Dickson Environmental — U.S. EPA ID Number: 80-195

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. leachate water					4,962
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month Day Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook — Signature — Month 7 Day 25 Year 23

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address: Ed Allen landfill

Generator's Site Address (if different than mailing address): Bailey Creek RD Cominsky

Generator's Phone:

6. Transporter 1 Company Name: Dickson Environmenta

U.S. EPA ID Number: 8A-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address: ITHACA VWTP

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. leachate					6,300
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 7 | Day: 31 | Year: 27

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address: Ed Allen landfill

Generator's Site Address (if different than mailing address): Bailey Creek RD Corning NY

Generator's Phone:

6. Transporter 1 Company Name: Dickson Environmental — U.S. EPA ID Number: 8A-195

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: Steuben County landfill — U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. leachate					5,500
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 8 | Day: 5 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address: Ed Allen Landfill

Generator's Site Address (if different than mailing address): Bailey Creek RD Corning NY

Generator's Phone:

6. Transporter 1 Company Name: Dickson Enviromental — U.S. EPA ID Number: 80-195

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: ITHACA WWTP — U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	LEACHATE					5,500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month 8 Day 5 Year 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook — Signature — Month Day Year

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address: Ed Allen landfill

Generator's Site Address (if different than mailing address): Bailey Creek RD Corning, NY

Generator's Phone:

6. Transporter 1 Company Name: Dickson Environmental

U.S. EPA ID Number: 80-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address: ITHACA WWTP

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. LEACHATE					5,500
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rose | Signature | Month: 8 | Day: 14 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address: Ed Allen Landfill

Generator's Site Address (if different than mailing address): Bailey Creek RD Corning, NY

Generator's Phone:

6. Transporter 1 Company Name: Dickson Environmental Services

U.S. EPA ID Number: 8A-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address: Steuben County Landfill

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. LEACHATE					5,500
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 8 | Day: 15 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address
Ed Allen Landfill
Generator's Phone:

Generator's Site Address (if different than mailing address)
Bailey Creek RD Corning, NY

6. Transporter 1 Company Name
Dickson Enviromental Services
U.S. EPA ID Number
8A-195

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Steuben County Landfill
U.S. EPA ID Number
Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	LEACHATE					5,500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 8 | Day: 15 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address

ED ALLEN

Generator's Site Address (if different than mailing address)

BAILEY CREEK RD., CORNING NY

Generator's Phone:

6. Transporter 1 Company Name

DICKSON ENVIRONMENTAL

U.S. EPA ID Number

NA 195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

STEUBEN County Landfill

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	LEACHATE					4200
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: JASON | Signature: Jim Lacey | Month: 08 | Day: 24 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address: Ed Allen landfill

Generator's Site Address (if different than mailing address): Bailey Creek Rd Corning, NY

Generator's Phone:

6. Transporter 1 Company Name: Dickson Environmental Services

U.S. EPA ID Number: 8A-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address: ITHACA WWTP

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. LEACHATE					5,500
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 8 | Day: 17 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen landfill

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Enviromental Services

U.S. EPA ID Number

8A-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Steuben County landfill

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. leachate					5,500
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 8 | Day: 17 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address: Ed Allen landfill

Generator's Site Address (if different than mailing address): Bailey Creek RD Corning, NY

Generator's Phone:

6. Transporter 1 Company Name: Dickson Environmental Services — U.S. EPA ID Number: NYA-0195

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: Steuben County landfill — U.S. EPA ID Number

Facility's Phone:

GENERATOR

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	leachate					5,500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

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Generator's/Offeror's Printed/Typed Name — Signature — Month Day Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook — Signature — Month 8 Day 18 Year 23

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address

Ed Allen landfill

Generator's Site Address (if different than mailing address)

1 Bailey Creek RD Corning, NY

Generator's Phone:

6. Transporter 1 Company Name

Dickson Environmental Services

U.S. EPA ID Number

8A-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Steuben County landfill

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. leachate					$1500
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Root | Signature | Month: 8 | Day: 20 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name | Signature | Month | Day | Year

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address: Ed Allen landfill

Generator's Phone:

Generator's Site Address (if different than mailing address): Bailey Creek RD Corning, NY

6. Transporter 1 Company Name: Dickson Environmental Services

U.S. EPA ID Number: NA-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address: ITHACA WWTP

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	LEACHATE					5,500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 8 | Day: 20 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address: Ed Allen Landfill

Generator's Site Address (if different than mailing address): Bailey Creek RD Corning, NY

Generator's Phone:

6. Transporter 1 Company Name: Dickson Enviromental Services

U.S. EPA ID Number: 8A-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address: Steuben County Landfill

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
GENERATOR	1. LEACHATE					5500
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Root | Signature | Month: 8 | Day: 24 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen landfill

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek Rd Corning, NY

6. Transporter 1 Company Name

Dickson environmental services

U.S. EPA ID Number

8A-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

ITHACA WWTP

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	leachate					5,500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 8 | Day: 25 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address: Ed Allen Landfill

Generator's Site Address (if different than mailing address): Bailey Creek Rd Corning, NY

Generator's Phone:

6. Transporter 1 Company Name: Dickson Enviromental Services

U.S. EPA ID Number: NYD 986 8A-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address: Steuben County Landfill

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. LEACHATE					5150G
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 8 | Day: 27 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address: Ed Allen Landfill

Generator's Site Address (if different than mailing address): Bailey Creek RD Corning, NY

Generator's Phone:

6. Transporter 1 Company Name: Dickson Environmental Services

U.S. EPA ID Number: 8A-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address: Steuben County Landfill

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. LEACHATE					51500
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Cory Root | Signature | Month: 8 | Day: 27 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen Landfill

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Environmental Services

U.S. EPA ID Number

8A-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Steuben County Landfill

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. LEACHATE					5,500
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Y

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Root | Signature | Month: 6 | Day: 29 | Y: 2

Transporter 2 Printed/Typed Name | Signature | Month | Day | Y

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Y

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Ye

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DESIGNATED FACILITY TO GENERAT

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address

Ed Allen Landfill

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Environmental Services

U.S. EPA ID Number

8A-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Steuben County Landfill

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Leachate					5,500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Roar | Signature | Month: 8 | Day: 29 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address: Ed Allen Landfill

Generator's Site Address (if different than mailing address): Bailey Creek RD Corning, NY

Generator's Phone:

6. Transporter 1 Company Name: Dickson Environmental Services

U.S. EPA ID Number: 80-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address: ITHACA WWTP

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. LEACHATE					5,500
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

GENERATOR

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

INT'L

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 9 | Day: 1 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

TRANSPORTER

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address

Ed Allen

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Environmental

U.S. EPA ID Number

8P-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Steuben County Landfill

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. leachate					7,000
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: ~~John Covert~~ | Signature | Month: 9 | Day: 2 | Year: 23

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: JOHN Covert | Signature | Month: 9 | Day: 2 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name | Signature | Month | Day | Year

GENERATION | INT'L | TRANSPORTER | DESIGNATED FACILITY

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Waste Tracking Number

5. Generator's Name and Mailing Address

Ed Allen

Generator's Phone:

Generator's Site Address (if different than mailing address)

1 Baily Creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Environmental

U.S. EPA ID Number

8A-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Steuben County landfill

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	leachate					7,000
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: JOHN COVERT | Signature | Month: 9 | Day: 2 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek Rd Corning, NY

6. Transporter 1 Company Name

Dickson Environmental

U.S. EPA ID Number

NA-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Steuben County

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	leachate					7,000
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

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Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: John Covert | Signature | Month: 9 | Day: 2 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address

Ed Allen

Generator's Phone:

Generator's Site Address (if different than mailing address)

1 Bailey Creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Environmental

U.S. EPA ID Number

NYD-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Steuben County

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. leachate					7,000
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

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Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: JOHN COVERT | Signature | Month: 9 | Day: 2 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address: Ed Allen Landfill

Generator's Site Address (if different than mailing address): Bailey Creek RD Corning, NY

Generator's Phone:

6. Transporter 1 Company Name: Dickson Environmental Services

U.S. EPA ID Number: 8A-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address: Steuben County Landfill

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Leachate					5,500
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 9 | Day: 3 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek RD Corning NY

6. Transporter 1 Company Name

Dickson Environmental

U.S. EPA ID Number

8A-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Steuben County

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	LEACHATE					7,000
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: JOHN COVERT | Signature | Month: 9 | Day: 14 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek RD Corning, NY

6. Transporter 1 Company Name: Dickson Environmental

U.S. EPA ID Number: 8A-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. LEACHATE					6,200 ~~7,000~~
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: JOHN COVERT | Signature | Month: 9 | Day: 14 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address: Ed Allen

Generator's Site Address (if different than mailing address): Bailey Creek RD Corning NY

Generator's Phone:

6. Transporter 1 Company Name: Dickson Environmental — U.S. EPA ID Number: 88-195

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: Steuben County — U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. LEACHATE					7,000
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month Day Year

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: JOHN COVERT — Signature — Month: 9 Day: 15 Year: 23

Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek Rd Corning, NY

6. Transporter 1 Company Name: Dickson Environmental

U.S. EPA ID Number: 8A-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address: ITHACA WWTP

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. LEACHATE					5500
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 9 | Day: 27 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Waste Tracking Number

5. Generator's Name and Mailing Address

Ed Allen

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Enviromental

U.S. EPA ID Number

NA-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Steuben County

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	LEACHATE					5,500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Roos | Signature | Month: 10 | Day: 1 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

17b. Alternate Facility (or Generator) | Manifest Reference Number: | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Environmental

U.S. EPA ID Number

6A195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Steuben County

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	leachate					5500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 10 | Day: 6 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Environmental

U.S. EPA ID Number

8A-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Steuben County Landfill

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. leachate					6,300
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 10 | Day: 14 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

5. Generator's Name and Mailing Address

Ed Allen

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Environmental

U.S. EPA ID Number

8A-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Steuben County

U.S. EPA ID Number

Facility's Phone:

GENERATOR

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	LEACHATE					6,300
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name

Signature

Month Day Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

~~Steuben County~~ Corey Rook

Signature

Month Day Year

10 15 23

Transporter 2 Printed/Typed Name

Signature

Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

17b. Alternate Facility (or Generator)

Manifest Reference Number:

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek RD Corning NY

6. Transporter 1 Company Name

Dickson Environmental

U.S. EPA ID Number

NA-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Steuben County Landfill

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	leachate					5,500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Cory Rook | Signature | Month: 10 | Day: 30 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address
Ed Allen
Generator's Phone:

Generator's Site Address (if different than mailing address)
Bailey Creek RD

6. Transporter 1 Company Name
Dickson Environmental

U.S. EPA ID Number
BA-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Steuben County

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. leachate					5500
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Root | Signature | Month: 11 | Day: 5 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Environmental

U.S. EPA ID Number

NA 95

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Steuben County

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	LEACHATE					5,500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rogers | Signature | Month: 11 | Day: 10 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

5. Generator's Name and Mailing Address

Ed Allen

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Environmental

U.S. EPA ID Number

8A 2195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Steuben County

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Leachate					5,500
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Root | Signature | Month: 11 | Day: 12 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Environmental

U.S. EPA ID Number

EA-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Steuben County Landfill

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	LEACHATE					6,200
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 11 | Day: 19 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek Rd Corning, NY

6. Transporter 1 Company Name

Dickson Enviromental

U.S. EPA ID Number

NA-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Steuben County

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Leachate					5,500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 11 | Day: 24 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

1:30
546,887

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Environmental

U.S. EPA ID Number

NA-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Steuben County

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. leachate					5,500
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 11 | Day: 25 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address: ED ALLEN

Generator's Site Address (if different than mailing address): BAILEY CREEK South Corning

Generator's Phone:

6. Transporter 1 Company Name: DICKSON ENVIRONMENTAL — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: STEUBEN County Landfill BATH, NY. — U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	LEACHET			6200 Gal		
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: JASON Loseb — Signature — Month: 11 — Day: 29 — Year: 23

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

GENERATOR'S/SHIPPER'S INITIAL COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

EC Allen

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Environmental

U.S. EPA ID Number

NA-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

ITHACA WWTP

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	leachate					5,500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Cory Rook | Signature | Month: 11 | Day: 30 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Environmental

U.S. EPA ID Number

SA-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Steuben County

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. LEACHATE					5,500
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rogers | Signature | Month: 12 | Day: 3 | Year: 23

Transporter 2 Printed/Typed Name: C | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Environmental

U.S. EPA ID Number

NA-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Steuben County

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Leachate					5,500
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 12 | Day: 3 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Enviromental

U.S. EPA ID Number

NA-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

ITHACA WWTP

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	leachate					5,500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 12 | Day: 7 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

ED ALLEN

Generator's Phone:

Generator's Site Address (if different than mailing address)

BAILEY CREEK RD CORNING

6. Transporter 1 Company Name — U.S. EPA ID Number

DICKSON ENVIRONMENTAL

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

STEUBEN County LANDFILL

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. LEACHATE					$200
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

JASON LOSEY — Jason Losey — 12 — 07 — 23

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ec Allen

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Environmental

U.S. EPA ID Number

8A-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

ITHACA WWTP

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Leachate					5,500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Cory Rook | Signature | Month: 12 | Day: 8 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek Rd Corning, NY

6. Transporter 1 Company Name

Dickson Environmental

U.S. EPA ID Number

NA-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Steuben County

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	LEACHATE					5,500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 12 | Day: 8 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

[redacted] EC Allen

Generator's Phone:

Generator's Site Address (if different than mailing address)

1 Bailey Creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Environmental

U.S. EPA ID Number

8A-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Steuben County

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	leachate					5,500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Corey Rook	[signature]	12	11	23
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Environmental

U.S. EPA ID Number

NA-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Steuben County

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. leachate					5,500
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

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Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 12 | Day: 13 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address — Generator's Site Address (if different than mailing address)

Ed Allen

Generator's Phone:

6. Transporter 1 Company Name — Dickson Environmental — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

SCTA Bath NY

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. leachate					3000
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name: John Covert — Signature — Month: 12 — Day: 21 — Year: 23

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address: ED ALLEN

Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: DICKSON ENVIRONMENTAL — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: STEUBEN LANDFILL BATH NY — U.S. EPA ID Number:

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	LEACHATE					4200
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
JASON LOSEE	Jason Losee	12	21	23
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address

Ed Allen

Generator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek RD Corning, NY

6. Transporter 1 Company Name

Dickson Environmental

U.S. EPA ID Number

NA-195

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

ITHACA WWTP

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	LEACHATE					5,500
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Rook | Signature | Month: 12 | Day: 14 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address: Ed Allen

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: Dickson Environmental — U.S. EPA ID Number: SA 195

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: SCTP Bath N.Y. — U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. leachate					7000
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month Day Year

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: JC — Signature — Month: 12 Day: 18 Year: 23

Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address: ED ALLEN

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: DICKSON ENVIRONMENTAL — U.S. EPA ID Number: 8A-195

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: STEUBEN LANDFILL BATH NY — U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. LEACHATE					4200
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: JASON LEACH — Signature: Jason Leach — Month: 12 — Day: 18 — Year: 23

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Ed Allen

Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Dickson Environmental — U.S. EPA ID Number: 8A-195

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Leachate					7000
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: John Covert — Signature — Month: 12 — Day: 27 — Year: 23

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address: Ed Allen

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: Dickson Environmental — U.S. EPA ID Number: 8A-195

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Leachate					3000
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: John Carey — Signature — Month: 12 — Day: 24 — Year: 23

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address: Ed Allen

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: Dickson E. — U.S. EPA ID Number: 8A-195

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Leachate					7000
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month Day Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: John Calvert — Signature — Month: 12 Day: 26 Year: 23

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

5. Generator's Name and Mailing Address: Ed Allen

Generator's Site Address (if different than mailing address): Bailey Creek RD Corning, NY

Generator's Phone:

6. Transporter 1 Company Name: Dickson — U.S. EPA ID Number: 8A-195

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: Steuben County — U.S. EPA ID Number: 8A-195

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. LEACHATE					5,500
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Corey Root — Signature — Month: 12 — Day: 26 — Year: 23

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

GENERATOR — TRANSPORTER INT'L — DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

. Generator's Name and Mailing Address

Ed Allen

ienerator's Phone:

Generator's Site Address (if different than mailing address)

Bailey Creek RD Corning, NY

. Transporter 1 Company Name

Dickson Environmental

U.S. EPA ID Number

NA-195

. Transporter 2 Company Name

U.S. EPA ID Number

. Designated Facility Name and Site Address

Steuben County

U.S. EPA ID Number

acility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	LEACHATE					5,500
2.						
3.						
4.						

3. Special Handling Instructions and Additional Information

4. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

ienerator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

5. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

ransporter Signature (for exports only): Date leaving U.S.:

6. Transporter Acknowledgment of Receipt of Materials

ransporter 1 Printed/Typed Name: Corey Root | Signature | Month: 12 | Day: 27 | Year: 23

ransporter 2 Printed/Typed Name | Signature | Month | Day | Year

7. Discrepancy

7a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

7b. Alternate Facility (or Generator) U.S. EPA ID Number

acility's Phone:

7c. Signature of Alternate Facility (or Generator) Month Day Year

8. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

rinted/Typed Name | Signature | Month | Day | Year

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DESIGNATED FACILITY TO GENERATOR

APPENDIX

I

ATLANTIC TESTING LABORATORY SEEPAGE STORAGE TANK INSPECTION REPORTS

B2101342.026.08.LBR

July 21, 2023

Closed Edward Allen Landfill - Site Code: 851001
June 2023 – Tank Cleaning and Inspection Report

Scope of Work: Will Dolan from WSP USA Inc. (WSP) oversaw the leachate tank cleaning performed by T&R Environmental (T&R) and tank inspection performed by Atlantic Testing Laboratories (ATL) for the closed Edward Allen Landfill, New York State Department of Environmental Conservation (NYSDEC) Site Code: 851001. Job Safety and Environment Analysis (JSEA) forms and health and safety (H&S) tailgate meetings were completed each day with confined space entry safety talks being held as needed.

A summary of daily activities is presented below. Copies of photographs, WSP field forms, WSP subcontractor's field forms and report, laboratory reports, and disposal documentation is attached.

Monday June 12, 2023:

- Prior to work starting, Dickson Environmental (Dickson) removed remaining leachate inside leachate Tank 2 and T&R isolated Tank 2 from the lower vault, lock out tag out (LOTO) procedures were followed for locking the lower vault.
- T&R disassembled both cover lids on Tank 2 and installed a blower to supply fresh air into Tank 2. Upon inspecting the bolts and nuts securing the leachate tank lid were observed to be corroded, T&R replaced the corroded hardware after all work was completed on Tank 2.
- T&R briefly inspected the inside of Tank 2 to determine how much storage will be required for solid waste generated during tank cleaning and inspection.

Tuesday June 13, 2023:

- T&R brought one vacuum storage box (VB-03) and vacuum trailer to removed solid waste generated during tank cleaning.
- After H&S briefing, T&R entered Tank 2 and cleaned the inside on the tank using squeegees and pressure washing. Solid waste was placed into the vacuum box using the vacuum trailer.
- ATL completed ultrasonic thickness measurements (UTM) on the interior of Tank 2. No pitting inside the tank was observed by ATL, some corrosion was observed.
- ATL completed cathodic protection testing which indicated the anode on Tank 2 is functioning.

Wednesday June 14, 2023:

- T&R reassembled the lid for Tanks 2 using a winch to set the lid back in place. T&R replaced the hardware on the lid. Transducer sensor was checked and reinstalled, then Tank 2 was put back into service.
- T&R isolated Tank 1, proper LOTO procedures were followed. T&R disassembled the lower manhole cover on Tank 1 in preparation for tank cleaning and inspection on Thursday June 15, 2023.

WSP USA
209 NORTH MAIN STREET
SUITE 3
HORSEHEADS, NY 14845

Tel.: +1 607 367-1327
Fax: +1 716 204-5878

Thursday June 15, 2023:

- Dickson arrived in the morning and removed the leachate in Tank 1 in preparation for cleaning and inspection.
- T&R finished removing the lid and work on the lower vault piping. A blower was used to put fresh air into Tank 1 from the lower vault. T&R entered and cleaned the inside of Tank 1 using squeegees and a pressure washer. Solid waste was placed into the vacuum box using the vacuum trailer.
- ATL entered and inspected Tank 1. ATL completed UTM on the interior of Tank 1. No pitting inside the tank was observed by ATL, some corrosion and blistering was observed inside Tank 1.
- ATL completed cathodic protection testing which indicated the anode on Tank 1 is functioning.
- T&R while checking the piping inside the lower vault found a blockage of compacted clay/silt inside the main pipeline coming from the landfill. The blockage was cleared by T&R. Main control valve in the upper vault was tested to ensure it closed and opened. In addition, the main control valve is no longer bolted to the side walls of the upper vault, this will be addressed later in 2023.

Friday June 16, 2023:

- T&R replaced the damaged bushings on Tank 1 transducer and replaced the hardware on Tank 1. T&R placed the lid on tank 1 using a winch. Once pipework had been fixed on Tank 1, T&R reassembled the pipework in the lower vault and put Tank 1 back into service.
- Both leachate storage tanks were placed back in service. The tank monitoring system was checked to ensure the functionality.

Findings: Both 15,000-gallon leachate storage tanks were cleaned by T&R and inspected by ATL. Both tanks were observed with some corrosion and Tank 1 was observed with some blistering of the internal coating. Steel thickness on Tank 1 ranged from 0.293 to 0.321 inches on the shell and 0.313 to 0.363 inches on each end of the tank. The Tank 1 cathodic test averaged 1.001 volts (V) and readings indicated the cathodic protection system is functioning properly. Steel thickness on Tank 2 ranged from 0.293 to 0.327 inches on the shell and 0.312 to 0.362 inches on each end of the tank. The Tank 2 cathodic test averaged 1.056 V and readings indicated the cathodic protection system is functioning properly.

Hardware was replaced on both tanks and the bushings for the transducer on Tank 1 was replaced. Solid waste generated during the cleaning process was sampled and placed into vacuum box and temporarily stored onsite. Laboratory results indicate the percent solids of the waste material was 17.1 %. The waste material will be bulked and transported by T&R to the Steuben County Landfill for disposal.

Recommendations: Based on the findings of this inspection of the leachate storage tank systems, WSP recommends that Corning consider a cathodic protection system test annually to document the system is functioning and protective, and re-cleaning and inspecting the tanks every three years. During the next tank inspection, the interior coating on both tanks should be inspected and repaired as needed.

Photo No.	Date
1	6/12/2023

Facing west. Loadout prior to work

Photo No.	Date
2	6/12/2023

Facing south. Upper and lower vault prior to starting work.

Photo No.	Date
3	6/12/2023

Leachate Tank 1

Photo No.	Date
4	6/12/2023

Leachate Tank 1

Photo No.	Date
5	6/12/2023

Lock out tag out on lower vault

Photo No.	Date
6	6/12/2023

Tank 2 manhole cover.

Photo No.	Date
7	6/12/2023

Inside of Tank 2

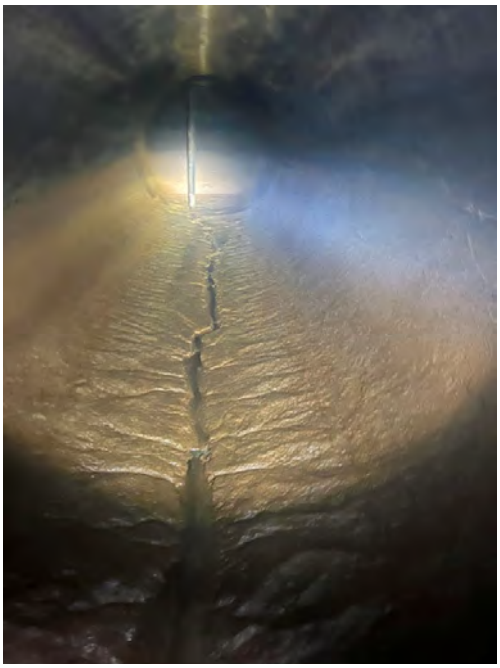


Photo No.	Date
8	6/13/2023

Vacuum box VB-03

Photo No.	Date
9	6/13/2023

T&R using a vacbox and squeegee to remove material from inside Tank 2.

Photo No.	Date
10	6/13/2023

Inside of Tank 2

Photo No.	Date
11	6/13/2023

Inside of Tank 2 after T&R finished cleaning the tank.

Photo No.	Date
12	6/15/2023

Isolation of Tank 1. Leachate pipework leading to Tank 1 was disconnected.

Photo No.	Date
13	6/15/2023

Air blower supplied fresh air into Tank 1.

Photo No.	Date
14	6/15/2023

T&R cleaned the inside of Tank 1 with squeegees and pressure washing.

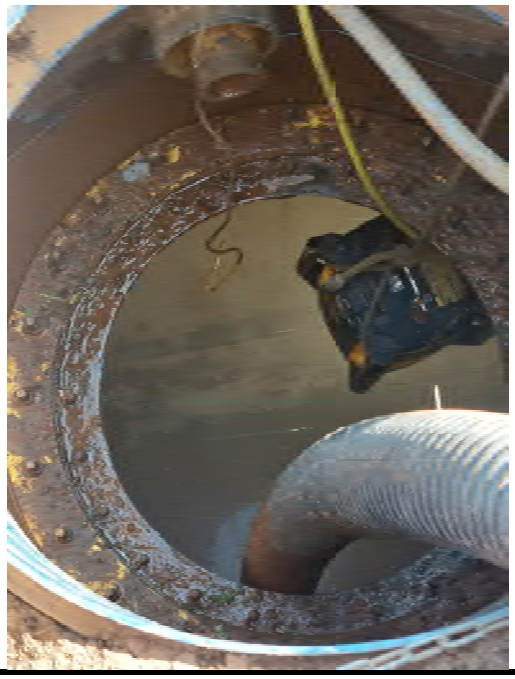


Photo No.	Date
15	6/15/2023

Blockage inside the main leachate pipeline from the landfill

Photo No.	Date
16	6/15/2023

Electrical connections for leachate tank and interstitial space transducer housing.

Photo No.	Date
17	6/15/2023

Tank 1 cracked transducer bushing.

Photo No.	Date
18	6/16/2023

Fully reassembled Tank 2 leachate storage tank lid.

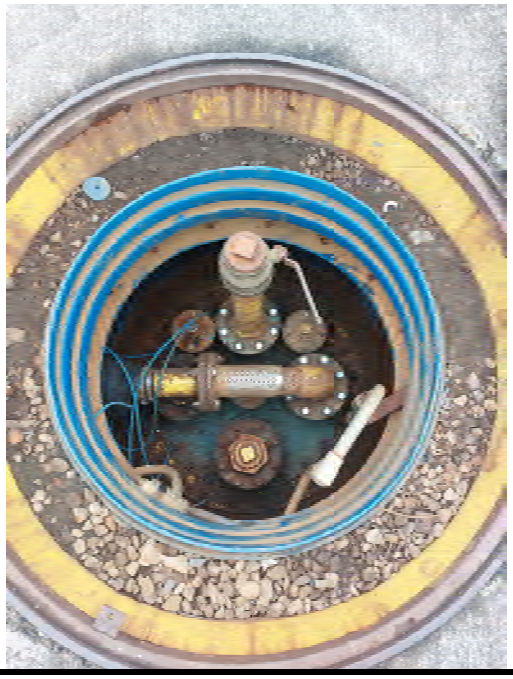


Photo No.	Date
19	6/15/2023

Fully reassembled Tank 1 leachate storage tank lid.

Photo No.	Date
20	6/16/2023

Fully reassembled lower vault pipework. Both leachate storage tanks are operation.

APPENDIX

A Subcontactors Form

WSP USA
209 NORTH MAIN STREET
SUITE 3
HORSEHEADS, NY 14845

Tel.: +1 607 367-1327
Fax: +1 716 204-5878

ATLANTIC TESTING LABORATORIES

Watertown
26581 State Route 283
Watertown, NY 13601
315-786-7887 (T)
315-786-2022 (F)

June 15, 2023

WSP USA
40 La Riviere Drive, Suite 320
Buffalo, New York 14202

Attn: Mark Saunders Telephone: 716-853-1220

Re: Underground Storage Tank Evaluation
Edward Allen Landfill
Corning, New York
ATL Report No. WT6323-02-06-23

Ladies/Gentlemen:

Enclosed is a copy of our final report for the Leachate Underground Storage Tank Evaluation for the referenced site. This project was completed in accordance with the scope of work outlined in Atlantic Testing Laboratories, Limited's (ATL) task order (ATL File No. WT5998-155-03-23), dated March 10, 2023, and authorized by WSP USA, on May 4, 2023.

Please contact our office should you have any questions, or if we may be of further service.

Respectfully submitted,
ATLANTIC TESTING LABORATORIES, Limited

Clay Clemons

Clay M. Clemons
Senior Project Manager

CMC/cmc

Enclosures

ATLANTIC TESTING LABORATORIES

UNDERGROUND STORAGE TANK EVALUATION
TANK NUMBER 1
EDWARD ALLEN LANDFILL
BAILEY CREEK ROAD
CORNING, NEW YORK 14830

Prepared for: WSP USA
40 La Riviere Drive, Suite 320
Buffalo, New York 14202

Prepared by: Atlantic Testing Laboratories, Limited
25681 NYS Route 283
Watertown, New York 13601

ATL Report No. WT6323-02-06-23

June 15, 2023

TABLE OF CONTENTS

SECTION		PAGE NUMBER
1.	INTRODUCTION	1
2.	EVALUATION PROCEDURES	1
3.	OBSERVATIONS	1
	3.1 Visual Evaluation of Tank Interior	1
	3.2 Tank Thickness Measurements	1

APPENDICES

I. Thickness Gauging Report
II. Cathodic Protection Report
III. Photographs

ATLANTIC TESTING LABORATORIES

REPORT OF TANK EVALUATION
EDWARD ALLEN LANDFILL
BAILEY CREEK ROAD
CORNING, NEW YORK
TANK NUMBER 1
ATL REPORT NO. WT6323-02-06-23

1. INTRODUCTION

In accordance with our proposal (ATL File No. WT5998-155-03-23, dated March 10, 2023), a 15,000-gallon aboveground petroleum storage tank (AST), located at the Edward Allen Landfill, in Corning, New York, was evaluated by Atlantic Testing Laboratories, Limited (ATL) representative, Clay Clemons, on June 15th, 2023.

The horizontal tank has a capacity of 15,000 gallons, and measures approximately 40 feet in length by 8 feet in diameter. The single wall tank is fabricated of carbon steel and is resting underground. The UST is used to store leachate. The original shell material thickness is estimated to be 0.313 inches.

2. EVALUATION PROCEDURES

The methods used in evaluating the tank consisted of a visual observation of the tank interior, non-destructive testing (visual by a CWI) to evaluate the integrity of the welded seams, and pulse-echo ultrasonic thickness gauging of spot locations on the vessel's shell. A cathodic protection test was also conducted. Detailed results are contained in Appendices I through III.

3. OBSERVATIONS

3.1 Visual Evaluation of Tank Interior

The interior had a white epoxy paint coating that showed minor areas of deterioration. The East wall of the tank showed signs of paint blistering. There was no significant pitting noted in the areas of deterioration. The full penetration welds did not show any signs of unacceptable indications. The welds were also covered with the epoxy paint coating.

3.2 Tank Thickness Measurements

	SHELL	NORTH END	SOUTH END
ESTIMATED NOMINAL THICKNESS (inches)	0.313	0.375	0.375
AVERAGE THICKNESS READING (inches)	0.309	0.336	0.341
MAXIMUM THICKNESS READING (inches)	0.321	0.358	0.363
MINIMUM THICKNESS READING (inches)	0.293	0.313	0.324

Respectfully submitted,
ATLANTIC TESTING LABORATORIES, Limited

Clay Clemons

Clay M. Clemons
Senior Project Manager

CMC/cmc

APPENDIX I

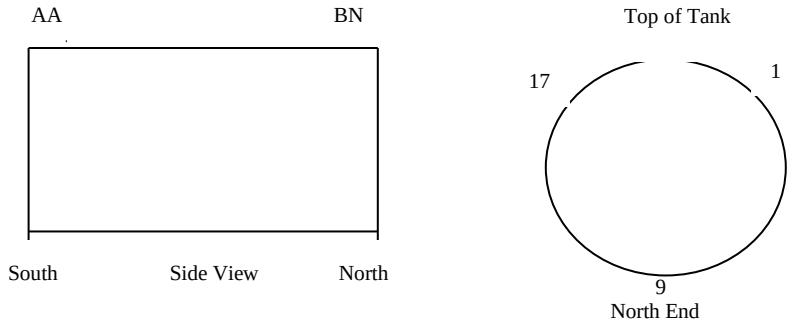
THICKNESS GAUGING REPORT

ATLANTIC TESTING LABORATORIES

ULTRASONIC THICKNESS GAUGING REPORT NO. WT6323-02-06-23

Client: WSP USA
Facility: Edward Allen Landfill
Structure Surveyed: Tank Number 1
Date: June 15, 2023
Inspector: C. Clemons
Fabrication Material: Carbon Steel

ILLUSTRATIVE SKETCH



SHELL THICKNESS MEASUREMENTS (inches)
(1-foot by 1-foot grid)

	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ
1	0.306	0.305	0.308	0.308	0.308	0.307	0.308	0.308	0.309	0.311	0.310	0.309	0.308	0.308	0.309	0.309	0.309
2	0.307	0.306	0.309	0.309	0.308	0.307	0.309	0.308	0.308	0.309	0.310	0.307	0.308	0.308	0.309	0.310	0.310
3	0.308	0.306	0.309	0.308	0.309	0.309	0.309	0.305	0.309	0.309	0.310	0.308	0.308	0.308	0.309	0.309	0.309
4	0.307	0.308	0.310	0.309	0.309	0.308	0.308	0.308	0.309	0.309	0.309	0.307	0.308	0.308	0.309	0.309	0.309
5	0.307	0.308	0.309	0.309	0.309	0.309	0.307	0.308	0.308	0.309	0.309	0.309	0.308	0.309	0.309	0.310	0.310
6	0.308	0.309	0.309	0.311	0.310	0.308	0.307	0.308	0.309	0.308	0.309	0.308	0.308	0.308	0.309	0.310	0.310
7	0.308	0.309	0.305	0.306	0.310	0.310	0.307	0.308	0.308	0.309	0.310	0.308	0.308	0.308	0.308	0.309	0.309
8	0.308	0.297	0.297	0.295	0.298	0.309	0.307	0.308	0.308	0.308	0.309	0.309	0.308	0.308	0.309	0.310	0.310
9	0.308	0.296	0.294	0.295	0.298	0.309	0.308	0.307	0.308	0.309	0.310	0.308	0.308	0.309	0.309	0.310	0.309
10	0.308	0.293	0.295	0.293	0.298	0.308	0.308	0.308	0.309	0.310	0.310	0.308	0.309	0.307	0.309	0.310	0.310
11	0.307	0.307	0.309	0.308	0.308	0.307	0.308	0.307	0.309	0.308	0.309	0.308	0.308	0.308	0.309	0.310	0.310
12	0.307	0.306	0.308	0.309	0.307	0.307	0.306	0.307	0.309	0.310	0.308	0.309	0.308	0.310	0.310	0.310	0.311
13	0.307	0.306	0.308	0.309	0.309	0.308	0.309	0.308	0.309	0.309	0.309	0.309	0.307	0.308	0.310	0.309	0.310
14	0.307	0.307	0.306	0.308	0.308	0.308	0.308	0.307	0.309	0.309	0.311	0.309	0.306	0.307	0.307	0.310	0.310
15	0.307	0.308	0.308	0.308	0.308	0.308	0.308	0.309	0.309	0.309	0.308	0.309	0.306	0.307	0.308	0.310	0.309
16	0.308	0.307	0.308	0.309	0.308	0.309	0.308	0.308	0.309	0.309	0.309	0.309	0.308	0.308	0.309	0.309	0.308
17	0.308	0.307	0.308	0.309	0.310	0.309	0.307	0.308	0.309	0.310	0.309	0.309	0.307	0.307	0.308	0.309	0.308

SHELL THICKNESS MEASUREMENTS (inches)(continued)
(1-foot by 1-foot grid)

	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH
1	0.309	0.316	0.318	0.319	0.320	0.303	0.305	0.306	0.307	0.307	0.305	0.306	0.304	0.306	0.306	0.307	0.305
2	0.309	0.315	0.317	0.318	0.318	0.307	0.306	0.307	0.307	0.307	0.306	0.306	0.305	0.307	0.306	0.306	0.305
3	0.305	0.315	0.316	0.318	0.318	0.307	0.307	0.308	0.307	0.309	0.307	0.306	0.306	0.307	0.306	0.306	0.304
4	0.306	0.316	0.317	0.317	0.318	0.307	0.309	0.309	0.309	0.309	0.308	0.311	0.311	0.309	0.312	0.312	0.307
5	0.309	0.316	0.317	0.320	0.320	0.307	0.307	0.309	0.310	0.310	0.309	0.311	0.312	0.310	0.313	0.313	0.313
6	0.309	0.316	0.317	0.319	0.321	0.309	0.309	0.308	0.309	0.309	0.309	0.309	0.313	0.312	0.312	0.313	0.312
7	0.309	0.316	0.319	0.319	0.320	0.307	0.307	0.308	0.309	0.308	0.309	0.311	0.311	0.311	0.312	0.313	0.312
8	0.309	0.316	0.318	0.320	0.320	0.306	0.308	0.309	0.308	0.308	0.307	0.310	0.311	0.309	0.311	0.311	0.312
9	0.310	0.317	0.319	0.321	0.321	0.306	0.306	0.306	0.307	0.307	0.307	0.306	0.310	0.311	0.310	0.311	0.311
10	0.308	0.317	0.319	0.321	0.320	0.306	0.306	0.306	0.307	0.308	0.307	0.306	0.309	0.309	0.311	0.309	0.309
11	0.309	0.315	0.319	0.319	0.321	0.306	0.306	0.307	0.307	0.308	0.307	0.308	0.308	0.308	0.308	0.310	0.307
12	0.309	0.314	0.317	0.318	0.319	0.306	0.305	0.307	0.307	0.307	0.307	0.306	0.308	0.309	0.309	0.309	0.310
13	0.309	0.313	0.316	0.318	0.318	0.307	0.307	0.306	0.308	0.307	0.307	0.308	0.308	0.310	0.310	0.309	0.310
14	0.309	0.315	0.318	0.319	0.318	0.307	0.308	0.308	0.305	0.307	0.306	0.307	0.307	0.309	0.310	0.307	0.308
15	0.308	0.315	0.318	0.317	0.318	0.306	0.306	0.307	0.307	0.307	0.307	0.308	0.308	0.309	0.309	0.307	0.307
16	0.308	0.316	0.317	0.319	0.319	0.305	0.306	0.307	0.307	0.306	0.306	0.305	0.307	0.307	0.308	0.307	0.306
17	0.308	0.315	0.317	0.319	0.319	0.306	0.306	0.307	0.307	0.308	0.307	0.307	0.305	0.308	0.308	0.308	0.307

SHELL THICKNESS MEASUREMENTS (inches)(continued)
(1-foot by 1-foot grid)

	BI	BJ	BK	BL	BM	BN
1	0.305	0.306	0.307	0.308	0.308	0.307
2	0.307	0.306	0.307	0.308	0.308	0.308
3	0.307	0.308	0.308	0.308	0.308	0.307
4	0.306	0.307	0.308	0.308	0.308	0.306
5	0.307	0.307	0.308	0.309	0.308	0.308
6	0.306	0.306	0.307	0.308	0.308	0.307
7	0.306	0.308	0.308	0.308	0.309	0.308
8	0.306	0.308	0.310	0.310	0.310	0.310
9	0.306	0.308	0.311	0.312	0.310	0.310
10	0.307	0.309	0.311	0.310	0.311	0.311
11	0.307	0.307	0.308	0.308	0.309	0.308
12	0.307	0.308	0.309	0.308	0.309	0.308
13	0.308	0.307	0.308	0.309	0.309	0.308
14	0.308	0.308	0.308	0.309	0.308	0.308
15	0.307	0.307	0.308	0.309	0.309	0.308
16	0.307	0.308	0.308	0.308	0.308	0.308
17	0.307	0.307	0.308	0.308	0.308	0.308

NORTH END
(1-foot by 1-foot grid)

--	--	--	--	--	--	--	--	--
--	--	--	0.341	0.333	0.348	--	--	--
--	--	0.341	0.329	0.330	0.336	0.342	--	--
--	0.343	0.320	0.322	0.323	0.342	0.350	0.355	--
0.346	0.313	0.331	0.317	0.331	0.326	0.329	0.349	0.353
--	0.343	0.334	0.325	0.324	0.320	0.328	0.347	--
--	--	0.343	0.341	0.339	0.330	0.327	--	--
--	--	--	0.337	0.333	0.337	--	--	--
--	--	--	--	0.358	--	--	--	--

SOUTH END
(1-foot by 1-foot grid)

--	--	--	--	--	--	--	--	--
--	--	--	0.347	0.346	0.347	--	--	--
--	--	0.344	0.340	0.341	0.359	0.339	--	--
--	0.355	0.344	0.333	0.327	0.328	0.333	0.341	--
0.363	0.347	0.340	0.327	0.329	0.325	0.327	0.340	0.351
--	0.352	0.344	0.332	0.324	0.337	0.334	0.346	--
--	--	0.354	0.345	0.340	0.343	0.344	--	--
--	--	--	0.349	0.350	0.337	--	--	--
--	--	--	--	0.349	--	--	--	--

TANK THICKNESS SUMMARY

	SHELL	NORTH END	SOUTH END
ESTIMATED NOMINAL THICKNESS (inches)	0.313	0.375	0.375
AVERAGE THICKNESS READING (inches)	0.309	0.336	0.341
MAXIMUM THICKNESS READING (inches)	0.321	0.358	0.363
MINIMUM THICKNESS READING (inches)	0.293	0.313	0.324

NDT Inspector(s) C. Clemons, ASNT Level II

APPENDIX II

CATHODIC PROTECTION TEST REPORT

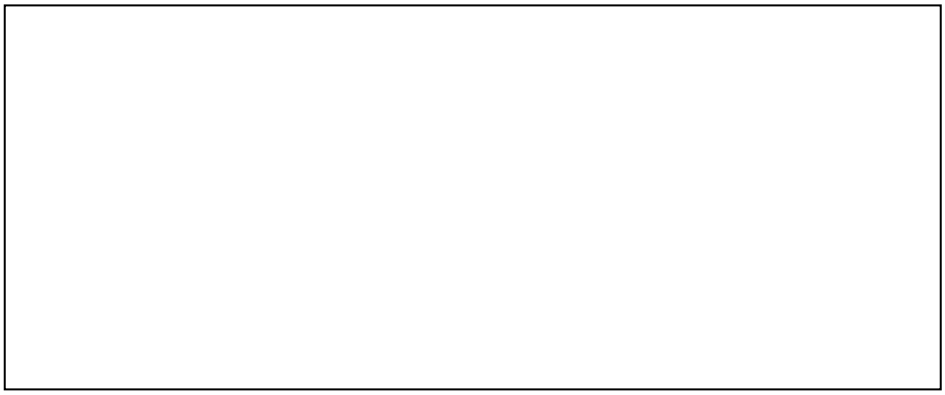
ATLANTIC TESTING LABORATORIES

CATHODIC PROTECTION SURVEY REPORT NO. WT6323-02-06-23

Facility:	Edward Allen Landfill	**PBS Number:**	Not Applicable
Address:	Bailey Creek Road	**Technician:**	Clay Clemons
	Corning, New York	**NACE Number:**	9937
Tank Number:	1	**Date:**	June 15, 2023
Testing Equipment:	MCM Model LC-4.5	**Reference Cell:**	Copper Sulfate

TANK SKETCH

South End



North End

POTENTIAL MEASUREMENTS

TANK #	SIZE	TYPE	MEASUREMENTS		
			North End	Center	South End
2	15,000 Gal.	Carbon Steel	-1.040 V.	-0.975 V.	-0.987 V.

Comments: Readings indicate the cathodic protection system is functioning properly.

Clay Clemons

Technician's Signature

APPENDIX III

PHOTOGRAPHS

NORTH END OF TANK

NORTH END OF TANK

SOUTH END OF TANK

SOUTH END BOTTOM OF TANK

SOUTH MANWAY

SOUTH MANWAY

BLISTERING PAINT

DETERIORATED PAINT

ATLANTIC TESTING LABORATORIES

Watertown
26581 State Route 283
Watertown, NY 13601
315-786-7887 (T)
315-786-2022 (F)

June 13, 2023

WSP USA
40 La Riviere Drive, Suite 320
Buffalo, New York 14202

Attn: Mark Saunders Telephone: 716-853-1220

Re: Underground Storage Tank Evaluation
Edward Allen Landfill
Corning, New York
ATL Report No. WT6323-01-06-23

Ladies/Gentlemen:

Enclosed is a copy of our final report for the Leachate Underground Storage Tank Evaluation for the referenced site. This project was completed in accordance with the scope of work outlined in Atlantic Testing Laboratories, Limited's (ATL) task order (ATL File No. WT5998-155-03-23), dated March 10, 2023, and authorized by WSP USA, on May 4, 2023.

Please contact our office should you have any questions, or if we may be of further service.

Respectfully submitted,
ATLANTIC TESTING LABORATORIES, Limited

Clay Clemons

Clay M. Clemons
Senior Project Manager

CMC/cmc

Enclosures

ATLANTIC TESTING LABORATORIES

UNDERGROUND STORAGE TANK EVALUATION
TANK NUMBER 2
EDWARD ALLEN LANDFILL
BAILEY CREEK ROAD
CORNING, NEW YORK 14830

Prepared for: WSP USA
40 La Riviere Drive, Suite 320
Buffalo, New York 14202

Prepared by: Atlantic Testing Laboratories, Limited
25681 NYS Route 283
Watertown, New York 13601

ATL Report No. WT6323-01-06-23

June 13, 2023

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SECTION		PAGE NUMBER
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2.	EVALUATION PROCEDURES	1
3.	OBSERVATIONS	1
	3.1 Visual Evaluation of Tank Interior	1
	3.2 Tank Thickness Measurements	1

APPENDICES

I. Thickness Gauging Report
II. Cathodic Protection Report
III. Photographs

ATLANTIC TESTING LABORATORIES

REPORT OF TANK EVALUATION
EDWARD ALLEN LANDFILL
BAILEY CREEK ROAD
CORNING, NEW YORK
TANK NUMBER 2
ATL REPORT NO. WT6323-01-06-23

1. INTRODUCTION

In accordance with our proposal (ATL File No. WT5998-155-03-23, dated March 10, 2023), a 15,000-gallon aboveground petroleum storage tank (AST), located at the Edward Allen Landfill, in Corning, New York, was evaluated by Atlantic Testing Laboratories, Limited (ATL) representative, Clay Clemons, on June 13th, 2023.

The horizontal tank has a capacity of 15,000 gallons, and measures approximately 40 feet in length by 8 feet in diameter. The single wall tank is fabricated of carbon steel and is resting underground. The UST is used to store leachate. The original shell material thickness is estimated to be 0.313 inches.

2. EVALUATION PROCEDURES

The methods used in evaluating the tank consisted of a visual observation of the tank interior, non-destructive testing (visual by a CWI) to evaluate the integrity of the welded seams, and pulse-echo ultrasonic thickness gauging of spot locations on the vessel's shell. A cathodic protection test was also conducted. Detailed results are contained in Appendices I through III.

3. OBSERVATIONS

3.1 Visual Evaluation of Tank Interior

The interior had a white epoxy paint coating that showed minor areas of deterioration. There was no significant pitting noted in the areas of deterioration. The full penetration welds did not show any signs of unacceptable indications. The welds were also covered with the epoxy paint coating.

3.2 Tank Thickness Measurements

	SHELL	NORTH END	SOUTH END
ESTIMATED NOMINAL THICKNESS (inches)	0.313	0.375	0.375
AVERAGE THICKNESS READING (inches)	0.312	0.339	0.332
MAXIMUM THICKNESS READING (inches)	0.327	0.362	0.360
MINIMUM THICKNESS READING (inches)	0.293	0.317	0.312

Respectfully submitted,
ATLANTIC TESTING LABORATORIES, Limited

Clay Clemons

Clay M. Clemons
Senior Project Manager

CMC/cmc

APPENDIX I

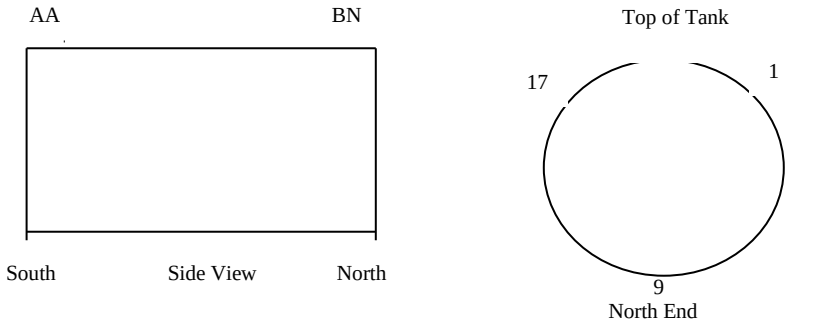
THICKNESS GAUGING REPORT

ATLANTIC TESTING LABORATORIES

ULTRASONIC THICKNESS GAUGING REPORT NO. WT6323-01-06-23

Client: WSP USA
Facility: Edward Allen Landfill
Structure Surveyed: Tank Number 2
Date: June 13, 2023
Inspector: C. Clemons
Fabrication Material: Carbon Steel

ILLUSTRATIVE SKETCH



SHELL THICKNESS MEASUREMENTS (inches)
(1-foot by 1-foot grid)

	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ
1	0.315	0.317	0.320	0.321	0.319	0.317	0.320	0.321	0.323	0.324	0.323	0.320	0.318	0.319	0.321	0.321	0.319
2	0.316	0.317	0.321	0.321	0.319	0.317	0.320	0.321	0.324	0.324	0.324	0.320	0.318	0.319	0.321	0.321	0.319
3	0.317	0.319	0.318	0.322	0.319	0.316	0.321	0.322	0.324	0.324	0.323	0.320	0.319	0.320	0.322	0.321	0.320
4	0.315	0.319	0.317	0.320	0.320	0.314	0.321	0.322	0.320	0.321	0.324	0.320	0.321	0.319	0.325	0.326	0.324
5	0.314	0.314	0.317	0.317	0.316	0.316	0.317	0.319	0.320	0.321	0.319	0.317	0.322	0.323	0.325	0.326	0.324
6	0.313	0.316	0.318	0.317	0.315	0.312	0.318	0.320	0.321	0.321	0.319	0.317	0.322	0.324	0.325	0.325	0.325
7	0.315	0.317	0.319	0.318	0.316	0.313	0.318	0.320	0.323	0.322	0.320	0.315	0.321	0.324	0.325	0.324	0.324
8	0.315	0.318	0.312	0.319	0.317	0.315	0.319	0.321	0.320	0.322	0.321	0.316	0.321	0.323	0.324	0.324	0.325
9	0.316	0.317	0.312	0.312	0.310	0.314	0.317	0.318	0.320	0.321	0.320	0.315	0.319	0.322	0.323	0.322	0.323
10	0.316	0.317	0.312	0.311	0.310	0.315	0.317	0.318	0.320	0.321	0.320	0.317	0.319	0.320	0.321	0.322	0.323
11	0.316	0.317	0.311	0.311	0.311	0.315	0.318	0.319	0.321	0.323	0.319	0.316	0.319	0.320	0.321	0.321	0.320
12	0.317	0.317	0.317	0.321	0.318	0.316	0.318	0.320	0.323	0.324	0.321	0.317	0.319	0.321	0.322	0.322	0.321
13	0.316	0.318	0.318	0.321	0.317	0.316	0.319	0.321	0.323	0.324	0.322	0.317	0.319	0.321	0.322	0.322	0.321
14	0.315	0.316	0.318	0.320	0.317	0.314	0.320	0.323	0.324	0.324	0.323	0.319	0.320	0.321	0.322	0.324	0.322
15	0.317	0.317	0.317	0.319	0.317	0.315	0.320	0.322	0.323	0.325	0.322	0.319	0.320	0.322	0.323	0.323	0.323
16	0.314	0.316	0.317	0.319	0.316	0.313	0.320	0.322	0.324	0.324	0.322	0.319	0.320	0.322	0.324	0.324	0.323
17	0.314	0.315	0.317	0.320	0.315	0.312	0.321	0.322	0.324	0.324	0.321	0.319	0.320	0.321	0.323	0.324	0.321

SHELL THICKNESS MEASUREMENTS (inches)(continued)
(1-foot by 1-foot grid)

	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH
1	0.316	0.302	0.304	0.306	0.306	0.320	0.323	0.325	0.324	0.320	0.318	0.302	0.303	0.303	0.303	0.302	0.300
2	0.317	0.303	0.305	0.306	0.306	0.321	0.324	0.326	0.327	0.322	0.318	0.301	0.302	0.303	0.303	0.301	0.300
3	0.317	0.301	0.305	0.306	0.305	0.321	0.324	0.322	0.323	0.321	0.317	0.300	0.301	0.302	0.302	0.301	0.300
4	0.321	0.296	0.304	0.305	0.305	0.321	0.323	0.324	0.323	0.318	0.318	0.299	0.300	0.302	0.302	0.301	0.299
5	0.321	0.295	0.297	0.297	0.297	0.320	0.322	0.323	0.323	0.318	0.318	0.299	0.304	0.304	0.303	0.303	0.302
6	0.321	0.296	0.298	0.298	0.298	0.320	0.322	0.322	0.323	0.318	0.319	0.302	0.305	0.305	0.304	0.302	0.303
7	0.320	0.297	0.299	0.298	0.298	0.321	0.322	0.324	0.322	0.321	0.319	0.303	0.304	0.304	0.304	0.303	0.302
8	0.320	0.295	0.298	0.298	0.299	0.320	0.324	0.325	0.323	0.322	0.318	0.302	0.303	0.305	0.304	0.302	0.302
9	0.321	0.296	0.298	0.298	0.298	0.319	0.323	0.318	0.321	0.320	0.315	0.302	0.302	0.302	0.302	0.302	0.300
10	0.318	0.296	0.297	0.297	0.298	0.319	0.320	0.319	0.321	0.319	0.316	0.300	0.302	0.301	0.302	0.301	0.301
11	0.318	0.296	0.293	0.297	0.299	0.319	0.320	0.322	0.320	0.319	0.314	0.300	0.303	0.302	0.302	0.301	0.300
12	0.318	0.297	0.297	0.297	0.299	0.318	0.319	0.321	0.322	0.317	0.314	0.301	0.301	0.303	0.302	0.301	0.300
13	0.319	0.298	0.297	0.299	0.299	0.318	0.320	0.320	0.322	0.318	0.313	0.300	0.301	0.302	0.303	0.302	0.300
14	0.319	0.297	0.300	0.300	0.299	0.317	0.319	0.320	0.320	0.319	0.314	0.301	0.301	0.302	0.302	0.302	0.300
15	0.320	0.299	0.299	0.300	0.301	0.319	0.319	0.322	0.320	0.319	0.315	0.300	0.302	0.302	0.303	0.304	0.301
16	0.318	0.300	0.300	0.301	0.301	0.318	0.320	0.322	0.323	0.315	0.316	0.302	0.303	0.303	0.304	0.303	0.301
17	0.319	0.299	0.300	0.300	0.301	0.320	0.322	0.323	0.323	0.314	0.318	0.303	0.304	0.303	0.304	0.303	0.302

SHELL THICKNESS MEASUREMENTS (inches)(continued)
(1-foot by 1-foot grid)

	BI	BJ	BK	BL	BM	BN
1	0.300	0.300	0.302	0.302	0.301	0.299
2	0.295	0.301	0.306	0.302	0.301	0.300
3	0.302	0.303	0.303	0.303	0.303	0.301
4	0.300	0.300	0.301	0.301	0.303	0.299
5	0.297	0.299	0.300	0.301	0.299	0.300
6	0.301	0.300	0.302	0.302	0.301	0.299
7	0.300	0.302	0.303	0.302	0.302	0.299
8	0.300	0.302	0.302	0.303	0.311	0.300
9	0.301	0.313	0.314	0.313	0.313	0.298
10	0.302	0.313	0.312	0.313	0.308	0.303
11	0.302	0.314	0.303	0.303	0.303	0.301
12	0.302	0.303	0.301	0.303	0.303	0.301
13	0.300	0.301	0.303	0.304	0.304	0.300
14	0.300	0.301	0.302	0.303	0.301	0.300
15	0.299	0.302	0.300	0.302	0.303	0.300
16	0.299	0.298	0.300	0.301	0.300	0.299
17	0.298	0.298	0.301	0.301	0.301	0.298

NORTH END
(1-foot by 1-foot grid)

--	--	--	--	--	--	--	--	--
--	--	--	0.343	0.341	0.342	--	--	--
--	--	0.333	0.332	0.330	0.333	0.340	--	--
--	0.356	0.332	0.321	0.324	0.317	0.325	0.353	--
0.362	0.351	0.330	0.325	0.326	0.322	0.319	0.337	0.357
--	0.343	0.336	0.329	0.319	0.330	0.343	0.350	--
--	--	0.356	0.351	0.331	0.341	0.353	--	--
--	--	--	0.354	0.353	0.346	--	--	--
--	--	--	--	0.351	--	--	--	--

SOUTH END
(1-foot by 1-foot grid)

--	--	--	--	--	--	--	--	--
--	--	--	0.332	0.322	0.324	--	--	--
--	--	0.336	0.325	0.321	0.320	0.313	--	--
--	0.347	0.330	0.322	0.322	0.320	0.319	0.333	--
0.360	0.351	0.325	0.323	0.348	0.312	0.322	0.336	0.347
--	0.348	0.347	0.333	0.323	0.316	0.321	0.331	--
--	--	0.347	0.335	0.328	0.327	0.331	--	--
--	--	--	0.347	0.345	0.336	--	--	--
--	--	--	--	0.356	--	--	--	--

TANK THICKNESS SUMMARY

	SHELL	NORTH END	SOUTH END
ESTIMATED NOMINAL THICKNESS (inches)	0.313	0.375	0.375
AVERAGE THICKNESS READING (inches)	0.312	0.339	0.332
MAXIMUM THICKNESS READING (inches)	0.327	0.362	0.360
MINIMUM THICKNESS READING (inches)	0.293	0.317	0.312

NDT Inspector(s) C. Clemons, ASNT Level II

APPENDIX II

CATHODIC PROTECTION TEST REPORT

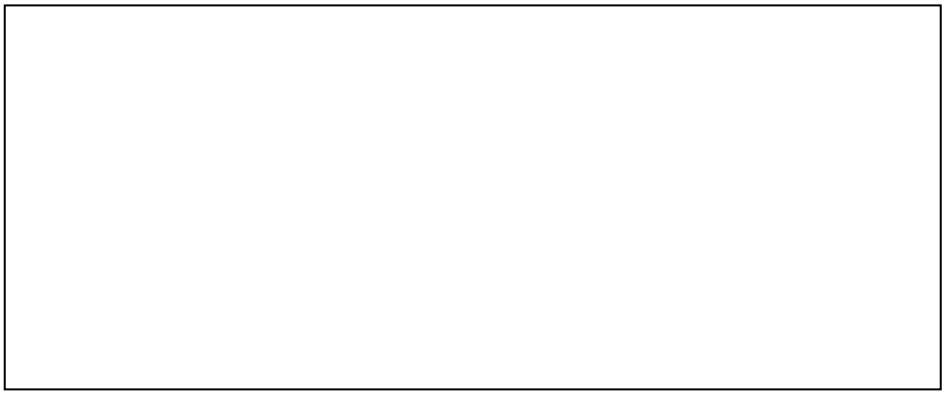
ATLANTIC TESTING LABORATORIES

CATHODIC PROTECTION SURVEY REPORT NO. WT6323-01-06-23

Facility:	Edward Allen Landfill	**PBS Number:**	Not Applicable
Address:	Bailey Creek Road	**Technician:**	Clay Clemons
	Corning, New York	**NACE Number:**	9937
Tank Number:	2	**Date:**	June 13, 2023
Testing Equipment:	MCM Model LC-4.5	**Reference Cell:**	Copper Sulfate

TANK SKETCH

South End



North End

POTENTIAL MEASUREMENTS

TANK #	SIZE	TYPE	MEASUREMENTS		
			North End	Center	South End
2	15,000 Gal.	Carbon Steel	-1.065 V.	-1.055 V.	-1.049 V.

Comments: Readings indicate the cathodic protection system is functioning properly.

Clay Clemons

Technician's Signature

APPENDIX III

PHOTOGRAPHS

NORTH END OF TANK

NORTH END OF TANK

SOUTH END OF TANK

BOTTOM OF TANK

SOUTH MANWAY

SOUTH MANWAY

SOUTH MANWAY

DETERIORATED PAINT

Industrial Sludge

Approval #: 230714

STEUBEN COUNTY
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION
3 EAST PULTENEY SQUARE
BATH, NEW YORK 14810

APPLICATION FOR DISPOSAL OF AN
INDUSTRIAL WASTE STREAM
BATH LANDFILL – SITE NO. 51S21

FOR COUNTY USE	
☑APPROVED	☐DISAPPROVED
DATE 14 July 2023	DATE SENT TO DEC 14 July 2023

Please Note: A copy of the approved application must accompany each load.

SEND INVOICE TO: **T&R Environmental**

Company Generating Waste **Corning Incorporated**	Address of Generator **One Riverfront Plaza** **Corning, NY 14831**	Telephone No. **(607) 974-9000**
Representative of Generator **Mark Saunders** **WSP USA Inc.**	Address of Generator **40 La Riviere Dr., Ste. 320** **Buffalo, NY 14202**	Telephone No. **716-853-1220**

Description of Process Producing Waste (generator must notify County of any changes to process)
Tank bottom sludge generated during the cleaning of leachate storage tanks.

Expected Annual Waste Production **10**Tons/Year	Waste Hauled In ☐Roll-Off ☐Dump Truck ☐Compactor Truck ☒Other: **Vacbox**
Waste Composition Average Percent Solids greater than 20%	Physical State ☐Sewage Sludge ☒Stabilized ☐Un-stabilized ☒Industrial Sludge ☐Solid

Description of Waste
1) **Brown, silty clay**
2)
3)

Is An Analysis of Waste Attached? ☒Yes ☐No	Was EPA Toxicity Test Conducted on Waste? ☒Yes ☐No If Yes, Attach Results	Material is: ☐Hazardous ☒Non-Hazardous

Detail All Hazardous and Nuisance Problems Associated with the Waste. List Necessary Safety, Handling, and Disposal Precautions.
N/A

Name of Waste Transporter **T&R Environmental**	Address **7575 Hannan Parkway** **Victor, NY 14564**	NYSDEC Permit No. **8A-932**	Telephone No. **585-284-6433**

CERTIFICATION
I hereby affirm under penalty of perjury that information provided in this form and attached statements exhibits is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature and Title of Representative of Waste Generator **Mark Saunders, Senior Consultant** Mark Saunders	Date **07/5/2023**
Signature and Title of Representative of Steuben County Steve Orcutt, Assistant Commissioner	Date 7/14/2023

Pre-Work Tailgate Safety Meeting Form

This form is intended for projects of up to 7 consecutive days on one site. If work will last longer than the days provided on this form, please start a new RMS2 to refresh hazard awareness.

Project Number: 977 **Date:** 6/12/23

Project Name: EALF TANK CLEANING

Project Location: South Colony, NY

Description of Work: TANK CLEANING

	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
HASP/RMS1 reviewed with staff on site	Yes ☒	Yes ☒	Yes ☑	Yes ☑	Yes ☑	Yes ☐	Yes ☐
Review of STOP Work Authority with staff & subs	Yes ☒	Yes ☒	Yes ☑	Yes ☑	Yes ☑	Yes ☐	Yes ☐
Emergency plan adequate and communicated	Yes ☒	Yes ☒	Yes ☑	Yes ☑	Yes ☑	Yes ☐	Yes ☐
Tools and appropriate PPE inspected before use	Yes ☒	Yes ☒	Yes ☑	Yes ☑	Yes ☑	Yes ☐	Yes ☐
Last Minute Risk Assessment process reviewed	Yes ☒	Yes ☒	Yes ☑	Yes ☑	Yes ☑	Yes ☐	Yes ☐

If the answer to any of the questions above is not "Yes" Stop work and contact your supervisor.

	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
Field crews have certifications on site	Yes ☐ N/A ☐	Yes ☒ N/A ☐	Yes ☑ N/A ☐	Yes ☑ N/A ☐	Yes ☑ N/A ☐	Yes ☐ N/A ☐	Yes ☐ N/A ☐
Utility locates on site and understood	Yes ☐ N/A ☒	Yes ☒ N/A ☒	Yes ☐ N/A ☒	Yes ☐ N/A ☒	Yes ☐ N/A ☑	Yes ☐ N/A ☐	Yes ☐ N/A ☐
Working alone plan in place	Yes ☐ N/A ☒	Yes ☐ N/A ☒	Yes ☐ N/A ☐	Yes ☐ N/A ☒	Yes ☐ N/A ☑	Yes ☐ N/A ☐	Yes ☐ N/A ☐
Work permits completed	Yes ☒ N/A ☐	Yes ☒ N/A ☐	Yes ☒ N/A ☐	Yes ☒ N/A ☐	Yes ☑ N/A ☐	Yes ☐ N/A ☐	Yes ☐ N/A ☐
Client site safety meeting conducted/attended	Yes ☒ N/A ☐	Yes ☒ N/A ☐	Yes ☒ N/A ☐	Yes ☒ N/A ☐	Yes ☑ N/A ☐	Yes ☐ N/A ☐	Yes ☐ N/A ☐
Are there additional critical risks, JSA tasks or energy hazards? If yes, update the JSA and communicate to the team		Yes ☐ N/A ☒	Yes ☒ N/A ☐	Yes ☐ N/A ☑	Yes ☐ N/A ☑	Yes ☐ N/A ☐	Yes ☐ N/A ☐

STOP AND THINK ABOUT YOUR TASKS BEFORE PERFORMING THEM. IF YOU ARE NOT COMFORTABLE, STOP WORK AND FIND A SAFER WAY.

Pre-Work Tailgate Safety Meeting Form

JOB SAFETY ANALYSIS (JSA)				
	Basic Job Steps	Describe Energy Hazard	Controls	Person Responsible
1	Site Work	Motion	Slip/Trip/Fall: -LMRA -Plan Route -Be/Stay Aware of Surroundings	All
2	Site Work	Motion	Contact - Vehicles/Equipment: -High-Vis. Clothing -Eye Contact with Operator -Avoid Blind Spots	"
3	Site Work	Biological	Flora/Fauna: -Preventative Sprays and/or Clothing -Daily Tick Checks After Completion of Work Tasks	"
4	Site Work	Chemical	Hazardous Soils: -Limit Exposure -Proper PPE	"
5	Site Work	Thermal	Heat/Cold Stress: -Have Warming/Cooling Environments Available (Trucks/Job Trailer) -Proper PPE -Fluid Intake (cool/warm) -Be Aware of Signs of Stress	"
6	Site Work	Gravity	Rigging: -Stay Well Clear of Overhead/ Rigged Equipment Including Fall Zone -Understand Lifting Plan	"
7				
8				

Pre-Work Tailgate Safety Meeting Form

CRITICAL RISKS						
	Driving	Working at Heights	Traffic Control	Wildlife, Insects and Vegetation	Mobile and Heavy Equipment	Environments with water or ice
	☑ Yes	☐ Yes	☐ Yes	☑ Yes	☑ Yes	☐ Yes
	Ground Disturbance	Ergonomic Hazards and Manual Handling	Hazardous Materials and Environments	Control of Hazardous Energy	Hot Work	Confined Spaces
	☑ Yes	☑ Yes	☑ Yes	☐ Yes	☐ Yes	☐ Yes

ENERGY HAZARD			
	Thermal: Open flame, electric ignition sources (including phones and friction), hot or cold surfaces, liquids or gasses, weather conditions including humidity levels and snow/ice		**Gravity**: Falling objects, collapsing objects, slipping, tripping or falling
	Chemical: Flammable vapors, reactive hazards, carcinogens or other toxic compounds, corrosives, pyrophorics, combustibles, oxygen deficient atmospheres, fumes, dusts, naturally occurring gases		**Motion**: Vehicles (car, truck, ATV, ARGO, boat, snowmobile, bicycles, transit, mobile equipment, trailer), workers and other people (lifting, pushing, pulling, carrying, use of hand and power tools, body position, walking), flowing water, sprung branches
	Biological: Animals, bacteria, viruses, insects, blood borne pathogens (needles), poisonous and noxious plants, contaminated water, human behaviors (protesters, concerned citizens, onlookers)		**Mechanical**: Rotating equipment (augers, pulleys, drive shafts), compressed springs, drive belts, conveyors and motors
	Radiation: Welding, NORMs (Naturally Occurring Radioactive Material), X rays, Nuclear Densometers, Lasers, Microwaves, Solar, Radioactive waste and sources		**Electrical**: Power and communication lines (overhead and buried), static charge, lightning, energized equipment, wiring, batteries, GFCI cords/plugs, lighting levels, double insulated tools, wet environment
	Noise: Stationary or mobile equipment, impact noise, high pressure release, impact of noise on communication		**Pressure**: pressure piping, compressed cylinders (fire extinguisher, calibration gas, propane), control lines, vessels, tanks, hoses, pneumatic and hydraulic equipment

Meeting details	
Day 1	
Date: 6/12/23	Weather: OVERCAST, 70's
Pre-start time: 0800	
Notes: N/A	
Mid-day time: 12:00	
Notes: N/A	
End of day time: 1600	
Notes: N/A	
Toolbox Discussion Leader Name: K. STONE	Toolbox Leader Signature:

Pre-Work Tailgate Safety Meeting Form

Day 2		
Date: 6/13/23	Weather: Sunny 70s-80s	
Pre-start time: 0800		
Notes: VAC TRAILER HAZALDS		
Mid-day time: 1200		
Notes: N/A		
End of day time: 1600		
Notes: N/A		
Toolbox Discussion Leader Name: K. STOVE	Toolbox Leader Signature:	
Day 3 6/14/23		
Date: 6/14/23	Weather: Cloudy / Rain	
Pre-start time: 800		
Notes: VAC trailer Haz.		
Mid-day time: 1200		
Notes: N/A		
End of day time: 200P		
Notes: N/A		
Toolbox Discussion Leader Name:	Toolbox Leader Signature:	
Day 4		
Date: 6/15/23	Weather: Sunny 70°-80°	
Pre-start time: 800A		
Notes: VAC trailer Haz.		
Mid-day time: 1200P		
Notes: N/A		
End of day time: 300P		
Notes: N/A		
Toolbox Discussion Leader Name:	Toolbox Leader Signature:	

Pre-Work Tailgate Safety Meeting Form

Day 5

Date: 6/16/23	Weather: 60's w/ Rain throughout the day
Pre-start time: 800A	
Notes: Weather - lightning / thunder	
Mid-day time:	
Notes:	
End of day time:	
Notes:	
Toolbox Discussion Leader Name:	Toolbox Leader Signature:

Day 6

Date:	Weather:
Pre-start time:	
Notes:	
Mid-day time:	
Notes:	
End of day time:	
Notes:	
Toolbox Discussion Leader Name:	Toolbox Leader Signature:

Day 7

Date:	Weather:
Pre-start time:	
Notes:	
Mid-day time:	
Notes:	
End of day time:	
Notes:	
Toolbox Discussion Leader Name:	Toolbox Leader Signature:

Pre-Work Tailgate Safety Meeting Form

Review/Sign-off

Print the company that you work for, your name and indicate which fitness level you are under the corresponding time column:
Fit for Duty = F Alternate Plan = AP

Company name	Print your name	Date: 6/12/23			Date: 6/13/23			Date: 6/14/23			Date: 6/15/23		
		Time: 0830	Time: 1200	Time: 1600	Time: 0800	Time:	Time:	Time: 800	Time: 1200	Time: 200	Time: 800	Time: 1200	Time: 800
T&R	K. STONE	F: X	F: X	F: X	F: X	F:	F:	F: X	F: X	F: X	F: X	F: X	F: X
		AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:
	T. RACALTO	F: X	F: X	F: X	F: X	F:	F:	F: X	F: X	F: X	F: X	F: X	F: X
		AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:
	B. MARVIN	F: X	F: X	F: X	F: X	F:	F:	F: X	F: X	F: X	F: X	F: X	F: X
		AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:
	T. COSTLEY	F: X	F: X	F: X	F: X	F:	F:	F: X	F: X	F: X	F: X	F: X	F: X
		AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:
	K. SUTTON	F: X	F: X	F: X	F: X	F:	F:	F: X	F: X	F: X	F: X	F: X	F: X
		AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:
	C. MARVIN	F: X	F: X	F: X	F:	F:	F:	F:	F:	F:	F:	F:	F:
		AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:
		F:	F:	F:	F:	F:	F:	F:	F:	F:	F:	F:	F:
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		F:	F:	F:	F:	F:	F:	F:	F:	F:	F:	F:	F:
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		F:	F:	F:	F:	F:	F:	F:	F:	F:	F:	F:	F:
		AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:

Pre-Work Tailgate Safety Meeting Form

Review / Sign-off

Print the company that you work for, your name and indicate which fitness level you are under the corresponding time column:
Fit for Duty = F Alternate Plan = AP

		Date: 6/16/23			Date:			Date:		
Company name	**Print your name**	**Time:** 800 hr	**Time:**	**Time:**	**Time:**	**Time:**	**Time:**	**Time:**	**Time:**	**Time:**
T&R	Brian Marvin	F: X	F: X	F: X	F:	F:	F:	F:	F:	F:
		AP: X	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:
	Teasha Racalto	F: X	F: X	F: X	F:	F:	F:	F:	F:	F:
		AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:
		F:	F:	F:	F:	F:	F:	F:	F:	F:
		AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:
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		F:	F:	F:	F:	F:	F:	F:	F:	F:
		AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:
		F:	F:	F:	F:	F:	F:	F:	F:	F:
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		F:	F:	F:	F:	F:	F:	F:	F:	F:
		AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:
		F:	F:	F:	F:	F:	F:	F:	F:	F:
		AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:	AP:

T&R ENVIRONMENTAL

T&R LOCATION: BATH, NY	**A COPY OF THIS PERMIT MUST BE POSTED AT THE SITE UNTIL ENTRY IS COMPLETED**
CUSTOMER: WSP, USA	
ADDRESS: EALF	
JOB #: 977	NOTE: THIS PERMIT IS VALID FOR EIGHT (8) HOURS FROM THE EFFECTIVE TIME, UPON EXPIRATION, IT MAY BE RENEWED ONLY ONCE FOR AN ADDITIONAL FOUR (4) HOURS.
THIS PERMIT IS EFFECTIVE: DATE: 6/12/23 TIME: 12:00 / THIS PERMIT EXPIRES: DATE: 6/12/23 TIME: 18:00	
PERMIT APPROVED BY: KTS	EMERGENCY EVACUATION ALARM DEVICE: ☐ Horn ☐ Whistle ☒ Verbal Communication
ENTRY COMPLETED: DATE: TIME: / THIS PERMIT CANCELED: DATE: TIME:	ATMOSPHERIC MONITORING DEVICE USED: Model: **RAE Systems** S/N: M02A02K247
DESCRIPTION OF THE CONFINED SPACE TO BE ENTERED: VISUAL INSPECTION OF TANK CONTENTS TANK #: 2	
LAST CONTENTS OF THE CONFINED SPACE: LEACHATE	
EXPLAIN THE PURPOSE OF ENTRY/ WORK DESCRIPTION: VISUAL INSPECTION OF TANK CONTENTS	

POTENTIAL HAZARDS OF THE CONFINED SPACE (CHECK ALL THAT APPLY)			HAZARD AND ENERGY CONTROL / ISOLATION OF THE SPACE? (CHECK ALL THAT APPLY)				
☒ Vapor Hazards ☐ Trip Hazards ☒ Low Overhead ☒ Restricted Movement ☐ High Temperature	☒ Liquid Hazards ☒ Slippery Surfaces ☒ Sloped Floor ☒ Obstructions ☒ Dust / Particle	☒ Vertical Drop ☒ Poor Lighting ☐ Pits / Sumps ☐ Other_____	PRODUCT CONTROL ☐ Inerting ☐ Purging ☐ Flushing ☒ Ventilation	ELECTRICAL HAZARD ☐ Lockout ☐ Tagout ☐ Disconnect ☒ N/A	PIPING HAZARD ☒ Lockout ☐ Tagout ☐ Blinded ☐ Disconnect	MECHANICAL HAZARD ☒ Lockout ☐ Tagout ☐ N/A ☐ Other	OTHER HAZARD CONTROL (LIST): _____ _____

PERSONAL PROTECTIVE EQUIPMENT REQUIRED (CHECK ALL THAT APPLY)			RESPIRATORY PROTECTION REQUIRED (CHECK ALL THAT APPLY)
☒ Hard Hat ☒ Safety Shoes/Boots ☒ Safety Glasses ☐ Hearing Protection	☐ Rain Gear ☒ Tyvex Suit ☐ Face Shield ☒ Safety Harness	☐ Fire Retardant Clothing ☐ Impervious Gloves - NITRILES ☐ Rubber Boots ☐ Other _____	☐ Half Face Respirator (Cartridge Type): _____ ☒ Full Face Respirator (Cartridge Type): OVA SCBA ☐ Airline / Emergency Escape Pack ☐ OTHER (LIST): _____

ENTRY EQUIPMENT REQUIRED (CHECK ALL THAT APPLY)	ROLES AND RESPONSIBILITIES (Print Names)	
☒ Lighting ☐ Communication w/ Entrant ☒ Continuous Atmospheric Monitoring ☐ Beam Clamp and Rescue Winch ☐ OTHER (LIST):	ENTRY SUPER. B. MARVIN ATTENDANT(S): C. MARVIN RESCUE PERSON(S) J. COSTLEY	ENTRANTS: T. LACALTO

AIR MONITORING

Date of last meter calibration: 6/3/23

Date and time of last Bump Test: 6/12/23 10:00 AM/PM

Action Level	Time N/A	VOC See HASP	0xygen 19.5% 23.5%	H2S ≤10ppm	LEL ≤10%LEL	CO <25 ppm	Monitoring By:
Pre-Entry	11:41	N/A					
Periodic Testing	13:10		20.9	0	0	0	KTS BM

RESCUE PLAN

RESCUE/ENTRY EQUIPMENT				
☐ Body Harness ☐ Stokes Basket ☐ Safety Lines	☐ Pulley ☒ Tripod/ Rescue Winch ☒ Self Retracting Lifeline	☐ Anchor Straps ☐ Webbing ☐ Prusik ☐ SKED	☐ Wristlets ☐ Confined Space Ladder ☐ Boatswains Chair	☐ Other: _____ _____

RESCUE COMMUNICATION

Communication - Attendant to Entrants: ☐ Radio ☑ Audible Signal ☐_____ ☐_____

Communication – Attendant to Rescue Team: ☐ Radio ☒ Audible Signal ☐_____ ☐_____

RESCUE DESCRIPTION

Method of Rescue: ☒ Non-Entry ☐ Entry ☐ Multi-Level

Extraction: ☒ Vertical ☐ Horizontal

Anchorage: ☐ Tripod ☐ Beam ☐ Davit Arm ☐ Support Column ☐_____ ☐_____

RESCUE PPE REQUIRED:

LEVEL "C" PPE FOR NON-ENTRY

DESCRIPTION OF RESCUE SEQUENCE

SEE ATTACHED.

ENTRY LOG

NAME	TIME IN	TIME OUT
T. LACALTO	13:10	13:15

Pre-Entry Questionnaire

		YES	NO	N/A
1.	Have all employees involved in the job been instructed in testing, entry, emergency procedures and PPE that must be used?	✓		
2.	Has hazardous energy been Locked/Tagged out?	✓		
3.	Is work area properly barricaded?	✓		
4.	Have the flanges on the pipelines feeding/emptying the space been blanked, broken and tested?	✓		
5.	Does the space need mechanical ventilation?	✓		
6.	If space needs mechanical ventilation, has it been set up?	✓		
7.	Is air intake free of combustible dust, vapors and toxic substances?	✓		
8.	Has rescue tripod been set up with applicable lifelines and harnesses connected?	✓		
9.	Do workers have proper tools (Non sparking if needed)?	✓		
10.	Have work platforms, scaffolding or ladders been secured?	✓		X
11.	Is lighting adequate? Are flashlights/stand light explosion proof or 12 volts or less?	✓		
12.	Is rescue standby properly equipped and understand responsibilities and rescue procedures?	✓		
13.	Provisions made for constant visual or auditory communications?	✓		
14.	Are Rescue Procedures described and understood?	✓		
15.	Is Pre-Entry Briefing completed?	✓		
16.	Is Confined Space Permit completed?	✓		
17.	Is a hard copy of Confined Space Permit posted near confined space entrance?	✓		

*** * Keep completed permit with job file for 1 year. * ***

T&R ENVIRONMENTAL

T&R LOCATION: Bath NY	**A COPY OF THIS PERMIT MUST BE POSTED AT THE SITE UNTIL ENTRY IS COMPLETED**
CUSTOMER: WSP, USA	
ADDRESS: EALF	NOTE: THIS PERMIT IS VALID FOR EIGHT (8) HOURS FROM THE EFFECTIVE TIME, UPON EXPIRATION, IT MAY BE RENEWED ONLY ONCE FOR AN ADDITIONAL FOUR (4) HOURS.
JOB #: 977	
THIS PERMIT IS EFFECTIVE: DATE: 6/13/23 TIME: 930A / THIS PERMIT EXPIRES: DATE: 6/13/23 TIME: 300P	EMERGENCY EVACUATION ALARM DEVICE: ☐ Horn ☐ Whistle ☒ Verbal Communication
PERMIT APPROVED BY:	ATMOSPHERIC MONITORING DEVICE USED: Model: **RAE Systems** S/N: M02A02K247
ENTRY COMPLETED: DATE: TIME: / THIS PERMIT CANCELED: DATE: TIME:	

DESCRIPTION OF THE CONFINED SPACE TO BE ENTERED: Decon | Remove product @ bottom of tank 30'

TANK #: 2

LAST CONTENTS OF THE CONFINED SPACE: Leachate

EXPLAIN THE PURPOSE OF ENTRY/ WORK DESCRIPTION: Decon | Remove product @ bottom of tank

POTENTIAL HAZARDS OF THE CONFINED SPACE (CHECK ALL THAT APPLY)

☒ Vapor Hazards	☒ Liquid Hazards	☒ Vertical Drop
☐ Trip Hazards	☒ Slippery Surfaces	☒ Poor Lighting
☒ Low Overhead	☒ Sloped Floor	☐ Pits / Sumps
☒ Restricted Movement	☒ Obstructions	☐ Other_____
☐ High Temperature	☒ Dust / Particle	

HAZARD AND ENERGY CONTROL / ISOLATION OF THE SPACE? (CHECK ALL THAT APPLY)

PRODUCT CONTROL	ELECTRICAL HAZARD	PIPING HAZARD	MECHANICAL HAZARD	OTHER HAZARD CONTROL (LIST):
☐ Inerting	☐ Lockout	☒ Lockout	☒ Lockout	
☐ Purging	☐ Tagout	☐ Tagout	☐ Tagout	
☐ Flushing	☐ Disconnect	☐ Blinded	☐ N/A	
☒ Ventilation	☒ N/A	☐ Disconnect	☐ Other	

PERSONAL PROTECTIVE EQUIPMENT REQUIRED (CHECK ALL THAT APPLY)

☒ Hard Hat	☐ Rain Gear	☐ Fire Retardant Clothing
☒ Safety Shoes/Boots	☒ Tyvex Suit	☒ Impervious Gloves - Nitriles
☒ Safety Glasses	☐ Face Shield	☐ Rubber Boots
☐ Hearing Protection	☒ Safety Harness	☐ Other _____

RESPIRATORY PROTECTION REQUIRED (CHECK ALL THAT APPLY)

- ☐ Half Face Respirator (Cartridge Type): _____
- ☒ Full Face Respirator (Cartridge Type): OVA _____
- SCBA
- ☐ Airline / Emergency Escape Pack
- ☐ OTHER (LIST): _____

ENTRY EQUIPMENT REQUIRED (CHECK ALL THAT APPLY)

- ☒ Lighting
- ☐ Communication w/ Entrant
- ☒ Continuous Atmospheric Monitoring
- ☐ Beam Clamp and Rescue Winch
- ☐ OTHER (LIST):

ROLES AND RESPONSIBILITIES (Print Names)

ENTRY SUPER. ATTENDANT(S): Brian Marvin

RESCUE PERSON(S): Jacob Costly, Brian Marvin, Tasha Racalto

ENTRANTS: Brian Marvin & Tasha Racalto

AIR MONITORING

Date of last meter calibration: 6/3/23

Date and time of last Bump Test: 6/13/23 9:00 AM/PM

Action Level	Time N/A	VOC See HASP	Oxygen 19.5% 23.5%	H2S ≤10ppm	LEL ≤10%LEL	CO <25 ppm	Monitoring By:
Pre-Entry	0900	VLW	20.9	0	0	0	JC
Periodic Testing	1000	NA	20.9	0	0	0	JC
	1025	NA	20.9	0	0	0	TR
	1055	NA	20.9	0	0	0	JC
	1115	NA	20.9	0	0	0	JC
	1135	NA	20.9	0	0	0	JC
	1200	NA	20.9	0	0	0	JC
	1220	NA	20.9	0	0	0	JC

RESCUE PLAN

RESCUE/ENTRY EQUIPMENT				
□ Body Harness □ Stokes Basket □ Safety Lines	□ Pulley ☒ Tripod/ Rescue Winch ☒ Self Retracting Lifeline	□ Anchor Straps □ Webbing □ Prusik □ SKED	□ Wristlets □ Confined Space Ladder □ Boatswains Chair	□ Other: _____ _____

RESCUE COMMUNICATION

Communication - Attendant to Entrants: □ Radio ☒ Audible Signal □_____ □_____

Communication – Attendant to Rescue Team: □ Radio ☒ Audible Signal □_____ □_____

RESCUE DESCRIPTION

Method of Rescue: ☒ Non-Entry □ Entry □ Multi-Level

Extraction: ☒ Vertical □ Horizontal

Anchorage: ☒ Tripod □ Beam □ Davit Arm □ Support Column □_____ □_____

RESCUE PPE REQUIRED:

Level "C" PPE for nonentry

DESCRIPTION OF RESCUE SEQUENCE

See Attached

ENTRY LOG

NAME	TIME IN	TIME OUT
Brian Marvin	1016A	11 01 Am
Teresa Macalto	11:42	12:12
Kyle Stone	12:20	12 30

Pre-Entry Questionnaire

		YES	NO	N/A
1.	Have all employees involved in the job been instructed in testing, entry, emergency procedures and PPE that must be used?	✓		
2.	Has hazardous energy been Locked/Tagged out?	✓		
3.	Is work area properly barricaded?	✓		
4.	Have the flanges on the pipelines feeding/emptying the space been blanked, broken and tested?	✓		
5.	Does the space need mechanical ventilation?	✓		
6.	If space needs mechanical ventilation, has it been set up?	✓		
7.	Is air intake free of combustible dust, vapors and toxic substances?	✓		
8.	Has rescue tripod been set up with applicable lifelines and harnesses connected?	✓		
9.	Do workers have proper tools (Non sparking if needed)?	✓		
10.	Have work platforms, scaffolding or ladders been secured?			✓
11.	Is lighting adequate? Are flashlights/stand light explosion proof or 12 volts or less?	✓		
12.	Is rescue standby properly equipped and understand responsibilities and rescue procedures?	✓		
13.	Provisions made for constant visual or auditory communications?	✓		
14.	Are Rescue Procedures described and understood?	✓		
15.	Is Pre-Entry Briefing completed?	✓		
16.	Is Confined Space Permit completed?	✓		
17.	Is a hard copy of Confined Space Permit posted near confined space entrance?	✓		

*** * Keep completed permit with job file for 1 year. * ***

T&R ENVIRONMENTAL

T&R LOCATION: Bath NY	**A COPY OF THIS PERMIT MUST BE POSTED AT THE SITE UNTIL ENTRY IS COMPLETED**
CUSTOMER: WSP, USA	NOTE: THIS PERMIT IS VALID FOR EIGHT (8) HOURS FROM THE EFFECTIVE TIME, UPON EXPIRATION, IT MAY BE RENEWED ONLY ONCE FOR AN ADDITIONAL FOUR (4) HOURS.
ADDRESS: EALF	
JOB #: 977	
THIS PERMIT IS EFFECTIVE: DATE: 6/15/23 TIME: 9:30A	THIS PERMIT EXPIRES: DATE: 6/15/23 TIME: 2:00P
PERMIT APPROVED BY:	EMERGENCY EVACUATION ALARM DEVICE: ☐ Horn ☐ Whistle ☒ Verbal Communication
ENTRY COMPLETED: DATE: TIME:	THIS PERMIT CANCELED: DATE: TIME:
	ATMOSPHERIC MONITORING DEVICE USED: Model: **RAE Systems** S/N: M02A0ZK247

DESCRIPTION OF THE CONFINED SPACE TO BE ENTERED: Tank 30' long underground

TANK #: 1

LAST CONTENTS OF THE CONFINED SPACE: Leachate

EXPLAIN THE PURPOSE OF ENTRY/ WORK DESCRIPTION: Decon/Remove product @ bottom of tank

POTENTIAL HAZARDS OF THE CONFINED SPACE (CHECK ALL THAT APPLY)			HAZARD AND ENERGY CONTROL / ISOLATION OF THE SPACE? (CHECK ALL THAT APPLY)				
☒ Vapor Hazards ☐ Trip Hazards ☒ Low Overhead ☒ Restricted Movement ☐ High Temperature	☒ Liquid Hazards ☒ Slippery Surfaces ☒ Sloped Floor ☒ Obstructions ☒ Dust / Particle	☒ Vertical Drop ☒ Poor Lighting ☐ Pits / Sumps ☐ Other_____	PRODUCT CONTROL ☐ Inerting ☐ Purging ☐ Flushing ☒ Ventilation	ELECTRICAL HAZARD ☐ Lockout ☐ Tagout ☐ Disconnect ☒ N/A	PIPING HAZARD ☒ Lockout ☐ Tagout ☐ Blinded ☐ Disconnect	MECHANICAL HAZARD ☒ Lockout ☐ Tagout ☐ N/A ☐ Other	OTHER HAZARD CONTROL (LIST):

PERSONAL PROTECTIVE EQUIPMENT REQUIRED (CHECK ALL THAT APPLY)			RESPIRATORY PROTECTION REQUIRED (CHECK ALL THAT APPLY)
☒ Hard Hat ☒ Safety Shoes/Boots ☒ Safety Glasses ☐ Hearing Protection	☐ Rain Gear ☒ Tyvex Suit ☐ Face Shield ☒ Safety Harness	☐ Fire Retardant Clothing ☒ Impervious Gloves - Nitriles ☐ Rubber Boots ☐ Other _____	☒ Half Face Respirator (Cartridge Type): JC ~~☒ Full Face Respirator (Cartridge Type):~~ OVA SCBA ☐ Airline / Emergency Escape Pack ☐ OTHER (LIST):

ENTRY EQUIPMENT REQUIRED (CHECK ALL THAT APPLY)	ROLES AND RESPONSIBILITIES (Print Names)	
☒ Lighting ☐ Communication w/ Entrant ☒ Continuous Atmospheric Monitoring ☐ Beam Clamp and Rescue Winch ☐ OTHER (LIST):	ENTRY SUPER. ATTENDANT(S): Brian Mann RESCUE PERSON(S) Jacob Cathey	ENTRANTS: Trenton Rainville Kyle Stark

AIR MONITORING

Date of last meter calibration: 6/5/23

Date and time of last Bump Test: 6/15/23 9:00 AM/PM

Action Level	Time N/A	VOC See HASP	0xygen 19.5% 23.5%	H2S ≤10ppm	LEL ≤10%LEL	CO <25 ppm	Monitoring By:
Pre-Entry	940	NA	20.9	0	0	0	JC
	940	NA	20.9	0	0	0	JC
Periodic Testing							

RESCUE PLAN

RESCUE/ENTRY EQUIPMENT				
☐ Body Harness ☐ Stokes Basket ☐ Safety Lines	☐ Pulley ☑ Tripod/ Rescue Winch ☑ Self Retracting Lifeline	☐ Anchor Straps ☐ Webbing ☐ Prusik ☐ SKED	☐ Wristlets ☐ Confined Space Ladder ☐ Boatswains Chair	☐ Other: _____ _____

RESCUE COMMUNICATION

Communication - Attendant to Entrants: ☐ Radio ☑ Audible Signal ☐_____ ☐_____

Communication – Attendant to Rescue Team: ☐ Radio ☑ Audible Signal ☐_____ ☐_____

RESCUE DESCRIPTION

Method of Rescue: ☑ Non-Entry ☐ Entry ☐ Multi-Level

Extraction: ☑ Vertical ☐ Horizontal

Anchorage: ☑ Tripod ☐ Beam ☐ Davit Arm ☐ Support Column ☐_____ ☐_____

RESCUE PPE REQUIRED:

Level "C" PPE for non-entry

DESCRIPTION OF RESCUE SEQUENCE

See Attached

ENVIRONMENTAL

ENTRY LOG

NAME	TIME IN	TIME OUT
Kyle Stone	915A	10:00
Tioga REALTY	10:15	10:25

Pre-Entry Questionnaire

		YES	NO	N/A
1.	Have all employees involved in the job been instructed in testing, entry, emergency procedures and PPE that must be used?	✓		
2.	Has hazardous energy been Locked/Tagged out?	✓		
3.	Is work area properly barricaded?	✓		
4.	Have the flanges on the pipelines feeding/emptying the space been blanked, broken and tested?	✓		
5.	Does the space need mechanical ventilation?	✓		
6.	If space needs mechanical ventilation, has it been set up?	✓		
7.	Is air intake free of combustible dust, vapors and toxic substances?	✓		
8.	Has rescue tripod been set up with applicable lifelines and harnesses connected?	✓		
9.	Do workers have proper tools (Non sparking if needed)?	✓		
10.	Have work platforms, scaffolding or ladders been secured?			X
11.	Is lighting adequate? Are flashlights/stand light explosion proof or 12 volts or less?	✓		
12.	Is rescue standby properly equipped and understand responsibilities and rescue procedures?	✓		
13.	Provisions made for constant visual or auditory communications?	✓		
14.	Are Rescue Procedures described and understood?	✓		
15.	Is Pre-Entry Briefing completed?	✓		
16.	Is Confined Space Permit completed?	✓		
17.	Is a hard copy of Confined Space Permit posted near confined space entrance?	✓		

*** * Keep completed permit with job file for 1 year. * ***

ATL Confined Space Entry Permit

General Information

Name of Facility: Corning Landfill
Address: Bailey Creek Road, Corning, NY
Space to be Entered: Tank 002
Purpose of Entry: Tank Evaluation
Location/Department:
ATL Supervisor (~~Note cannot be entrant~~): Clay Clemons
Authorized Duration of Permit: Date: 6/13/23 Time Start: 12:00 To: 4:00
Job complete (permit closed): Signature: Clay M. Clemons Date: 6/13/23 Time: 14:20

Permit Space Hazards (indicate specific hazards with initials)

CMC	Oxygen Deficiency	(< 19.5 %)
CMC	Oxygen Enrichment	(> 23.5%)
CMC	Flammable Gases or Vapors	(LEL < 10%)
CMC	Carbon Monoxide	(< 35 ppm)
CMC	Toxic Gases or Vapors	(> PEL)
CMC	Hydrogen Sulfide	(< 10 ppm)
NA	Mechanical Hazards	
NA	Electrical Hazards	
CMC	Materials Harmful to Skin	
CMC	Engulfment	
NA	Traffic Hazards	
NA	Other:	

Preparation for Entry (Check each after steps have been taken or note N/A)

Mark Saunders WSP
Notification of affected Depts. of service interruption:

Isolation Methods: (Check)

___ Blank/blind
___ Purge/clean
___ Ventilate
X Lockout/Tagout
___ Inert Gas
___ Barriers
Other:

Personnel Awareness: (Check)

Training current /up to date? X Yes ___ No
Pre-entry briefing on specific hazards and control methods: Date: 6/13/23 Time: 12:00
Notify customer of permit and hazards conditions
Other: Yes

Additional permits required and/or attached:

___ Hot work ___ Line breaking
Other: None required

Equipment Required for Entry and Work (Specify as required)

Personal Protective Equipment:
Latex Gloves, Rubber Boots, Tyvek, Respirator Harness

Respiratory Protection:
Yes Acid + Volatiles

Atmospheric Testing/Monitoring:
Continous

Communication (Contact Rescue):
T+R Environmental (Rescue Team)

Rescue Procedures and Equipment:
Retrieval line on Tripod

Ventilation: X Mechanical ___ Natural
Other: Blowers in opposite Manway

Communication Procedures
To be used by attendants and entrants:
Visual & Verbal

Authorized Entrants (List by name or attach roster.)

Clay Clemons

Authorized Attendants (List by name)

Eddie Rodriguez

EMERGENCY/RESCUE SERVICE

Name of Service: T+R Environmental
Phone Number: On-Site
Method of Contact: On-Site

ATL Confined Space Entry Permit

THINK SAFETY FIRST ATL

TESTING RECORD - (Testing required before entry and then every 30 minutes and if entrant leaves and reenters)

	Acceptable Conditions	Prior to entry	Results 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Time (AM or PM)		12:49	1305	1320	1335	1350												
Oxygen - min.	19.5%	20.9	20.9	20.9	20.9	20.9												
Oxygen - max.	23.5%	20.9	20.9	20.9	20.9	20.9												
Flammability	<10% LEL	0.0	0.0	0.0	0.0	0.0												
H^2S	< 10 ppm	0.0	0.0	0.0	0.0	0.0												
CO	< 35 ppm	0.0	0.0	0.0	0.0	0.0												
Toxic (specify)		0.0	0.0	0.0	0.0	0.0												
Cold	°F/°C	75°	74	74	74	76												
Heat	°F/°C	75°	74	74	74	76												
Other																		
Attendant/Tester Initials		CM	ECR	ECR	ECR													

AUTHORIZATION BY QUALIFIED ENTRANT(S):
I certify that all required precautions have been taken and necessary equipment is provided for safe entry and work in this confined space.

Printed Name	Signature	Date	Time In	Time Out	Training Date
Clay Clemons	Clay M. Clemons	6/13/23	12:35	14:10	1/22

AUTHORIZATION BY QUALIFIED ATTENDANT(S):
I certify that all required precautions have been taken and necessary equipment is provided for and work in this confined space.

Printed Name	Signature	Date	Training Date
Eddie Rodriguez	Eddie Rodriguez	6/13/23	5/23

ATL Confined Space Supervisor's Name (Printed) Clay Clemons Signature Clay M. Clemons

Facility Personnel If required) _____ Signature _____

THIS PERMIT MUST BE POSTED AT THE CONFINED SPACE SITE
GOOD ONLY ON INDICATED DATE

ATL Confined Space Entry Permit

THINK SAFETY FIRST

General Information

Name of Facility: Corning Landfill
Address: Bailey Creek Rd, Corning, NY
Space to be Entered: Tank 001
Purpose of Entry: Tank Eval.
Location/Department:
ATL Supervisor (note-cannot be entrant): Clay Clemons
Authorized Duration of Permit: Date: 6/15/23 Time Start: 11:00 To: 4:00
Job complete (permit closed): Signature: Clay N. Clemons Date: 6/15/23 Time: 13:00

Permit Space Hazards

(indicate specific hazards with initials)

CMC	Oxygen Deficiency	(< 19.5 %)
CMC	Oxygen Enrichment	(> 23.5%)
CMC	Flammable Gases or Vapors	(LEL < 10%)
CMC	Carbon Monoxide	(< 35 ppm)
CMC	Toxic Gases or Vapors	(> PEL)
CMC	Hydrogen Sulfide	(< 10 ppm)
NA	Mechanical Hazards	
NA	Electrical Hazards	
CMC	Materials Harmful to Skin	
CMC	Engulfment	
NA	Traffic Hazards	
NA	Other:	

Preparation for Entry

(Check each after steps have been taken or note N/A)

Mark Saunders WSP
Notification of affected Depts. of service interruption:

Isolation Methods: (Check)

___ Blank/blind
___ Purge/clean
___ Ventilate
___ Other:
X Lockout/Tagout
___ Inert Gas
___ Barriers

Personnel Awareness: (Check)

Training current /up to date? X Yes ___ No
Pre-entry briefing on specific hazards and control methods: Date: 6/15/23 Time: 11:00
Notify customer of permit and hazards conditions
Other:

Additional permits required and/or attached:

Hot work ___ Line breaking
Other: None required

Equipment Required for Entry and Work

Specify as required:

Personal Protective Equipment:
Latex gloves, Rubber Boots, Tyvek, Respirator Harness

Respiratory Protection:
Acid + Volatiles (yes)

Atmospheric Testing/Monitoring:
Continuous

Communication (Contact Rescue):
T+R Environmental (on-site)

Rescue Procedures and Equipment:
Retrieval line + Tripod

Ventilation: X Mechanical ___ Natural
Other:

Communication Procedures

To be used by attendants and entrants:
Visual + Verbal

Authorized Entrants

(List by name or attach roster.)
Clay Clemons

Authorized Attendants (List by name)

Eddie Rodriguez

EMERGENCY/RESCUE SERVICE

Name of Service: T+R Environmental
Phone Number: On-Site
Method of Contact: On-Site

ATL Confined Space Entry Permit

THINK SAFETY FIRST

TESTING RECORD - (Testing required before entry and then every 30 minutes and if entrant leaves and reenters)

	Acceptable Conditions	Results: Prior to entry	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Time (AM or PM)		11:10	11:40	1155	1210	1230	1245											
Oxygen - min.	19.5%	20.9	20.9	20.9	20.9	20.9	20.9											
Oxygen - max.	23.5%	20.9	20.9	20.9	20.9	20.9	20.9											
Flammability	<10% LEL	0	0	0	0	0	0											
H^2S	< 10 ppm	0	0	0	0	0	0											
CO	< 35 ppm	0	0	0	0	0	0											
Toxic (specify)																		
Cold	(°F)/°C	70°	70°	69°	70°	70°	69°											
Heat	(°F)/°C	70°	70°	69°	70°	70°	69°											
Other																		
Attendant/Tester Initials		CM	EP	ER	ER	ER	EP											

AUTHORIZATION BY QUALIFIED ENTRANT(S):
I certify that all required precautions have been taken and necessary equipment is provided for safe entry and work in this confined space.

Printed Name	Signature	Date	Time In	Time Out	Training Date
Clay Clemons	Clay M. Clem	6/15/23			10/22

AUTHORIZATION BY QUALIFIED ATTENDANT(S):
I certify that all required precautions have been taken and necessary equipment is provided for and work in this confined space.

Printed Name	Signature	Date	Training Date
Eddie Rodriguez	Eddie Rodriguez	6/15/23	5/23

ATL Confined Space Supervisor's Name (Printed) Clay Clemons Signature Clay M. Clem

Facility Personnel (If required) _____ Signature _____

THIS PERMIT MUST BE POSTED AT THE CONFINED SPACE SITE
GOOD ONLY ON INDICATED DATE

APPENDIX

B WSP Forms

WSP USA
209 NORTH MAIN STREET
SUITE 3
HORSEHEADS, NY 14845

Tel.: +1 607 367-1327
Fax: +1 716 204-5878

Location Corning EAL Date 6/14/23

Project / Client B2101342026 / Corning

Weather: cloudy 50°f ~~Possible~~ w/ wind

Staff: W. Dolan, m. saunders (WSP) kyle stoner + kyle ~~scott~~ (TR)

0800 W Dolan + TR arrived at EAL To complete tank cleaning + inspection

0820 ~~Safety mee~~ Mark Saunders arrived onsite

0830 Safety meeting + filled out JSEA

0840 review technical plan and site features to determine best plan to open tank 2. Dickson arrived onsite to pump down tank 1 + 2.

0845 Gary WSP arrived onsite

0855 TR Began disassembly of tank 2's lower manhole

1025 TR pumped excess water off ~~water manhole~~ for tank 2

1030 TR finished removing bolts around tank 2 lid

1100 TR ~~S~~ w/ removed coover of tank 2

1110 TR preps tripod to look inside tank 2

1140 TR opens value hosing

Location Corning EAL Date 6/12/23

Project / Client B2101342028

on upper manhole for tank 2. Prep to ~~weld~~ w/ to tank 2

1200 Safety of confine Space meeting going over hazards presented in confine space entry.

1230 ~~Break~~ for lunch

1300 Return from lunch and prep to look inside tank 2

1315 ~~1305~~ TR looked inside tank 2 approximatly 2-4" of sediment had built up along the bottom of tank 2.

1340 w/ ~~Began~~ TR Began tankle down of equipment. Photos were taken of work completed today.

1410 TR departs site.

1420 WSP departs site + locks gate.

Rite in the Rain

JOB SAFETY & ENVIRONMENT ANALYSIS

Date: 6/12/23 Time: 0800

Project No: B2101342.026.07LBR

Site: Corning EAL

1 STOP

STOP AND ASSESS:	Y	NA
Planning		
HSSE Plan communicated to Employees?	☑	☐
Employees signed on to Work Method Statements?	☑	☐
Required Permits to Work issued?	☑	☐
Preparation		
Work not expected to exceed the fatigue requirements?	☑	☐
Required site inductions completed?	☑	☐
Employees hold the necessary competencies?	☑	☐
Employees have the required PPE?	☑	☐
Equipment in good repair (incl. guarding & E stop)?	☑	☐
Site		
GPS coordinates verified against technical instruction / map?	☑	☐
Service clearance completed?	☑	☐
Current hardcopy digging clearance plans available on site?	☐	☑
Pre-work photographs taken?	☑	☐
Work area adequately delineated / protected?	☑	☐
Traffic control plan implemented (if applicable)?	☐	☑
Emergency and spill response equipment accessible?	☑	☐
Environment & Heritage		
Equipment free of visible weeds and pests?	☑	☐
Waste / substances stored away from sensitive receptors?	☑	☐
Secondary containment for substances / liquid waste?	☑	☐
Erosion and sediment controls installed?	☑	☐
Sensitive receptors protected from damage / disturbance?	☑	☐
Heritage items / artefacts protected from disturbance?	☑	☐
Plant inspected for evidence of fluid leaks & excess exhaust?	☑	☐

NO JOB IS SO URGENT THAT WE LOWER OUR HSSE EXPECTATIONS OR STANDARDS.

FITNESS FOR DUTY	Y	N
All workers on site are able to confirm that they are fit for work?	☑	☐
Do all workers know the physical requirements of their tasks today?	☑	☐
Does any worker report concern or any pre-existing conditions that may be aggravated by this work?	☑	☐

If yes, please contact your supervisor before proceeding.

2 THINK

DISCUSS THE TASK AND THE WORK ENVIRONMENT:

- Daily Tasks / Equipment in use
- Site Conditions / Weather Forecast
- Interfacing Works / Simultaneous Operations

3 IDENTIFY

ARE ANY FATAL RISK CONTROLS PRESENT? Y ☑ N ☐

Working Around Heavy / Mobile Equipment
- Be visible and identify your safe spot.
- Do not enter the zone of influence of mobile equipment until you have positive OK.

Driving
- Always wear a seatbelt.
- Respect the road rules, drive at a speed appropriate to the conditions.
- Do not use your cell phone.
- Do not drive after 14 / legislated hours.

Acutely Hazardous Substances / Atmospheres
- Know what you are working with.
- Know the environments in which you are working.
- Do not enter a confined and/or restricted space without understanding and following the required entry procedures

Working at Heights
- Where fall potential has been identified, use fall prevention measures.
- Do not stand within 2m (6.5ft) of an open edge where there is the potential to fall greater than 1.8m (6ft) without approved fall protection.

	Y	N
Working Around Suspended Loads ▪ Do not pass under a suspended load. ▪ Remain at a safe distance from a suspended load.	☐	☑
Ground Stability ▪ Do not enter an unsupported excavation that is deeper than your waist. ▪ Scan continuously for signs of ground instability. ▪ Avoid entering areas of unsupported ground.	☐	☑
OTHER SIGNIFICANT RISK Are there any other factors which could result in significant injury, illness, environmental harm, or property damage?	☑	☐

If yes, record hazard & controls in Section 4

COVID -19	Y	N
▪ Have any workers on our site had close personal contact with someone who is confirmed as positive for COVID-19 in the last14 days?	☐	☑
▪ Have any workers on our site had close personal contact with someone who is current awaiting test results for COVID-19? (i.e. potential COVID-19 case).	☐	☑
▪ Are any workers on our site displaying symptoms consistent with a common cold, flu, or the COVID-19 virus?	☐	☑
▪ Have any workers on our site returned from international travel within the last 14 days?	☐	☑
NOTIFY SUPERVISOR IMMEDIATELY IF 'YES" TO ABOVE QUESTIONS.		
▪ Physical distancing maintained, face covering, or other PPE used?	☑	☐
▪ Facilities available for frequently hand cleaning (alcohol-based sanitizer or soap and water).	☑	☐

All workers have the right to refuse, and authority to stop, work if they:
- **Believe a HSSE risk is not adequately controlled.**
- **Are unsure of the way to manage risk.**
- **Do not hold the necessary competency to manage the risk.**

Where national and local statutory requirements and associated codes of practice prescribe a higher standard than those contained herein, the legislative requirements take precedence.

JOB SAFETY & ENVIRONMENT ANALYSIS

4 PLAN – Plan what needs to be done to manage the risk

Hazards List any hazards not already identified in WMS	Risk Control Measures List the control measures required to eliminate or minimize the risk arising from the identified hazards. If risks cannot be controlled STOP and notify your Project Manager. Update the HSSE Plan and/or WMS if necessary.
Confine Space	Use Proper PPE. use supplied air and monitor air inside tanks

Attendee	Signature
Will Dolan	
Brian Marvin	
Jacob Costley	
Cody Marvin	
Kyle Sutton	

Attendee	Signature
Teasha Racalto	
Mark Saunders	
Gary Hurta	

Attendee	Signature

5 PROCEED – Communicate and implement risk controls

Site Closure Checklist

- Equipment and materials removed or secured? ☑
- Waste collected and removed or securely stored and labelled? ☑
- Site restored to original condition, if required? ☑
- Area free from hazards created by the works? ☑
- Photographs taken of site on completion of works? ☑

Supervisor:	Completed by:
Mark Saunders	

Learnings: *Ensure all Learnings are recorded in the Learnings Database as soon as possible.*

Where national and local statutory requirements and associated codes of practice prescribe a higher standard than those contained herein, the legislative requirements take precedence.

Location EAL Date 6/13/23

Project / Client B2101342.026 / Corning

~~55~~ Weather: 55°F Sunny, light wind

~~0800 W. Dolan arrive~~ Staff: W. Dolan (WSP)

0800 Arrived onsite (W. Dolan) to oversight tank cleaning and inspection for EAL's leachate storage tanks. Continuation from 6/12/23 work. Filled out JSEA

0820 TR arrived onsite with Vacuum and hosing awaiting Vacbox for storage. Began set up

0855 TR's Vac box + Kyle Stone onsite. Vacbox: VB-03

0905 Safety meeting.

0915 Conclude safety meeting covering onsite + confine space entry. Continue Setup for tank cleaning

0950 Vacbox, Pressure washer, + camera prepped for cleaning

1005 Mark Saunders arrived onsite.

1015 TR suited up and began lower personnel into tank 2 and began cleaning of tank 2

1040 ATL Arrived onsite to inspect the interior of tank

1050 conducted onsite safety w/ ATL

1100 completed safety meeting

Location EAL Date 6/13/23

Project / Client B2101342.026 / Corning

1105 TR began power washing the inside of tank 2.

1240 TR completes cleaning of tank 2. ATL preps for entry + review work permit. Review work to be completed

1250 ATL Begins inspection.

1340 Mark Saunders departs site

1410 tank inspection using Ultrasound completed

1420 ATL used ~~dry~~ ~~method~~ cathodict electric test to inspect tank 2

1430 Cathodict test ~~worked~~ is still working. ATL did not observe any pits inside of the tank, some areas inside the tank was observed to be corroding.

1435 TR + ATL Break down / clean up

1450 Depart site ATL + TR

1450 WSP departs site

WD

Rite in the Rain

JOB SAFETY & ENVIRONMENT ANALYSIS

Date: 6/13/23 Time: ~~6/13/23~~ 0800 WS

Project No: B2101342.026

Site: EAL

1 STOP

STOP AND ASSESS:	Y	NA
Planning		
HSSE Plan communicated to Employees?	☑	☐
Employees signed on to Work Method Statements?	☑	☐
Required Permits to Work issued?	☑	☐
Preparation		
Work not expected to exceed the fatigue requirements?	☑	☐
Required site inductions completed?	☑	☐
Employees hold the necessary competencies?	☑	☐
Employees have the required PPE?	☑	☐
Equipment in good repair (incl. guarding & E stop)?	☑	☐
Site		
GPS coordinates verified against technical instruction / map?	☑	☐
Service clearance completed?	☐	☑
Current hardcopy digging clearance plans available on site?	☐	☑
Pre-work photographs taken?	☑	☐
Work area adequately delineated / protected?	☑	☐
Traffic control plan implemented (if applicable)?	☑	☐
Emergency and spill response equipment accessible?	☑	☐
Environment & Heritage		
Equipment free of visible weeds and pests?	☑	☐
Waste / substances stored away from sensitive receptors?	☑	☐
Secondary containment for substances / liquid waste?	☑	☐
Erosion and sediment controls installed?	☑	☐
Sensitive receptors protected from damage / disturbance?	☑	☐
Heritage items / artefacts protected from disturbance?	☑	☐
Plant inspected for evidence of fluid leaks & excess exhaust?	☑	☐

NO JOB IS SO URGENT THAT WE LOWER OUR HSSE EXPECTATIONS OR STANDARDS.

FITNESS FOR DUTY	Y	N
All workers on site are able to confirm that they are fit for work?	☑	☐
Do all workers know the physical requirements of their tasks today?	☑	☐
Does any worker report concern or any pre-existing conditions that may be aggravated by this work?	☑	☐

If yes, please contact your supervisor before proceeding.

2 THINK

DISCUSS THE TASK AND THE WORK ENVIRONMENT:

- Daily Tasks / Equipment in use
- Site Conditions / Weather Forecast
- Interfacing Works / Simultaneous Operations

3 IDENTIFY

ARE ANY FATAL RISK CONTROLS PRESENT?	Y	N
Working Around Heavy / Mobile Equipment ▪ Be visible and identify your safe spot. ▪ Do not enter the zone of influence of mobile equipment until you have positive OK.	☑	☐
Driving ▪ Always wear a seatbelt. ▪ Respect the road rules, drive at a speed appropriate to the conditions. ▪ Do not use your cell phone. ▪ Do not drive after 14 / legislated hours.	☑	☐
Acutely Hazardous Substances / Atmospheres ▪ Know what you are working with. ▪ Know the environments in which you are working. ▪ Do not enter a confined and/or restricted space without understanding and following the required entry procedures	☑	☐
Working at Heights ▪ Where fall potential has been identified, use fall prevention measures. ▪ Do not stand within 2m (6.5ft) of an open edge where there is the potential to fall greater than 1.8m (6ft) without approved fall protection.	☑	☐

	Y	N
Working Around Suspended Loads ▪ Do not pass under a suspended load. ▪ Remain at a safe distance from a suspended load.	☐	☑
Ground Stability ▪ Do not enter an unsupported excavation that is deeper than your waist. ▪ Scan continuously for signs of ground instability. ▪ Avoid entering areas of unsupported ground.	☐	☑
OTHER SIGNIFICANT RISK Are there any other factors which could result in significant injury, illness, environmental harm, or property damage? **If yes, record hazard & controls in Section 4**	☑	☐

COVID -19	Y	N
▪ Have any workers on our site had close personal contact with someone who is confirmed as positive for COVID-19 in the last14 days?	☐	☑
▪ Have any workers on our site had close personal contact with someone who is current awaiting test results for COVID-19? (i.e. potential COVID-19 case).	☐	☑
▪ Are any workers on our site displaying symptoms consistent with a common cold, flu, or the COVID-19 virus?	☐	☑
▪ Have any workers on our site returned from international travel within the last 14 days?	☐	☑
NOTIFY SUPERVISOR IMMEDIATELY IF 'YES" TO ABOVE QUESTIONS.		
▪ Physical distancing maintained, face covering, or other PPE used?	☑	☐
▪ Facilities available for frequently hand cleaning (alcohol-based sanitizer or soap and water).	☑	☐

All workers have the right to refuse, and authority to stop, work if they:

- **Believe a HSSE risk is not adequately controlled.**
- **Are unsure of the way to manage risk.**
- **Do not hold the necessary competency to manage the risk.**

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JOB SAFETY & ENVIRONMENT ANALYSIS

4 PLAN – Plan what needs to be done to manage the risk

Hazards List any hazards not already identified in WMS	Risk Control Measures List the control measures required to eliminate or minimize the risk arising from the identified hazards. If risks cannot be controlled STOP and notify your Project Manager. Update the HSSE Plan and/or WMS if necessary.
Confined Space	Use proper PPE, Saftey lines, use supplied air
Increased Noise	use hearing protection as needed

Attendee	Signature
Will Dolan	
Tiesha Racalto	
Brian Mahon	
Kyle Sutta	
Kyle Stout	

Attendee	Signature
Josh Castley	
Mark Saunders	
Clay Clemons	Clay M. Clemons ATK
Eddie Rodriguez	

Attendee	Signature

5 PROCEED – Communicate and implement risk controls

Site Closure Checklist

Equipment and materials removed or secured?	☑
Waste collected and removed or securely stored and labelled?	☑
Site restored to original condition, if required?	☑
Area free from hazards created by the works?	☑
Photographs taken of site on completion of works?	☑

Supervisor:	Completed by:
Mark Saunders	

Learnings: *Ensure all Learnings are recorded in the Learnings Database as soon as possible.*

Location EAL Date 6/14/23

Project / Client B2101342.026 / Corning

Weather: 55°f Raining

Staff: W. Dolan WSP, TR

0805 WSP + TR arrived onsite to continue cleaning and inspection of leachate tanks onsite. complete JSEA

0830 Safety meeting start

0840 finished Safety meeting.

0845 TR Begons dissascmbling tank 2's steel lid to remove some weight prior to setting it back ontop of the leachate tank

0945 finish disassembly and began using wench to set ~~tank~~ cover back in place

1030 TR place the lid back on tank 2 and reassembled the fetures. Piping + locking nuts replaced.

1045 TR begin working on tank 1 assembly + Reinstaling the intake for tank 2

1210 Break for lunch.

1230 Return from lunch.

1240 tank 2 reassembled

1250 Switched flow of leachate and ~~Isolated~~ tank 1

1315 Began disassembly of tank 2

Location EAL Date 6/14/23

Project / Client B2101342.026

1415 TR was having difficultys removing the cover, stop to reassess and make agame plan.

1425 TR was able to lift the lid out of the hole

1429 thunder heard

1430 called M. Saunders to relay information and issue a stop work for weather.

1432 thunder heard.

1435 thunder heard.

1453 thunder heard

1456 thunder heard

1459 thunder heard

1516 thunder heard

1546 Resume work

1550 TR successfully removes top lid of tank 1.

1600 called/message mark on update

1603 called clay w/ ATL to schedule tank inspection at 1200 tomorrow

1605 called Alyse w/ dickson area schedule vac truck for 0700 tomorrow

1615 WSP depart site

Rite in the Rain

JOB SAFETY & ENVIRONMENT ANALYSIS

Date: 6/14/23 Time: 0805

Project No: B2101342.026

Site: EAL

1 STOP

STOP AND ASSESS:	Y	NA
Planning		
HSSE Plan communicated to Employees?	☑	☐
Employees signed on to Work Method Statements?	☑	☐
Required Permits to Work issued?	☑	☐
Preparation		
Work not expected to exceed the fatigue requirements?	☑	☐
Required site inductions completed?	☑	☐
Employees hold the necessary competencies?	☑	☐
Employees have the required PPE?	☑	☐
Equipment in good repair (incl. guarding & E stop)?	☑	☐
Site		
GPS coordinates verified against technical instruction / map?	☑	☐
Service clearance completed?	☐	☑
Current hardcopy digging clearance plans available on site?	☐	☑
Pre-work photographs taken?	☑	☐
Work area adequately delineated / protected?	☑	☐
Traffic control plan implemented (if applicable)?	☑	☐
Emergency and spill response equipment accessible?	☑	☐
Environment & Heritage		
Equipment free of visible weeds and pests?	☑	☐
Waste / substances stored away from sensitive receptors?	☑	☐
Secondary containment for substances / liquid waste?	☑	☐
Erosion and sediment controls installed?	☑	☐
Sensitive receptors protected from damage / disturbance?	☑	☐
Heritage items / artefacts protected from disturbance?	☑	☐
Plant inspected for evidence of fluid leaks & excess exhaust?	☑	☐

NO JOB IS SO URGENT THAT WE LOWER OUR HSSE EXPECTATIONS OR STANDARDS.

FITNESS FOR DUTY	Y	N
▪ All workers on site are able to confirm that they are fit for work?	☑	☐
▪ Do all workers know the physical requirements of their tasks today?	☑	☐
▪ Does any worker report concern or any pre-existing conditions that may be aggravated by this work?	☑	☐

If yes, please contact your supervisor before proceeding.

2 THINK

DISCUSS THE TASK AND THE WORK ENVIRONMENT:

- Daily Tasks / Equipment in use
- Site Conditions / Weather Forecast
- Interfacing Works / Simultaneous Operations

3 IDENTIFY

ARE ANY FATAL RISK CONTROLS PRESENT?	Y	N
Working Around Heavy / Mobile Equipment ▪ Be visible and identify your safe spot. ▪ Do not enter the zone of influence of mobile equipment until you have positive OK.	☑	☐
Driving ▪ Always wear a seatbelt. ▪ Respect the road rules, drive at a speed appropriate to the conditions. ▪ Do not use your cell phone. ▪ Do not drive after 14 / legislated hours.	☑	☐
Acutely Hazardous Substances / Atmospheres ▪ Know what you are working with. ▪ Know the environments in which you are working. ▪ Do not enter a confined and/or restricted space without understanding and following the required entry procedures	☑	☐
Working at Heights ▪ Where fall potential has been identified, use fall prevention measures. ▪ Do not stand within 2m (6.5ft) of an open edge where there is the potential to fall greater than 1.8m (6ft) without approved fall protection.	☑	☐

	Y	N
Working Around Suspended Loads ▪ Do not pass under a suspended load. ▪ Remain at a safe distance from a suspended load.	☐	☑
Ground Stability ▪ Do not enter an unsupported excavation that is deeper than your waist. ▪ Scan continuously for signs of ground instability. ▪ Avoid entering areas of unsupported ground.	☐	☑
OTHER SIGNIFICANT RISK Are there any other factors which could result in significant injury, illness, environmental harm, or property damage? **If yes, record hazard & controls in Section 4**	☑	☐

COVID -19	Y	N
▪ Have any workers on our site had close personal contact with someone who is confirmed as positive for COVID-19 in the last14 days?	☐	☑
▪ Have any workers on our site had close personal contact with someone who is current awaiting test results for COVID-19? (i.e. potential COVID-19 case).	☐	☑
▪ Are any workers on our site displaying symptoms consistent with a common cold, flu, or the COVID-19 virus?	☐	☑
▪ Have any workers on our site returned from international travel within the last 14 days?	☐	☑
NOTIFY SUPERVISOR IMMEDIATELY IF 'YES" TO ABOVE QUESTIONS.		
▪ Physical distancing maintained, face covering, or other PPE used?	☑	☐
▪ Facilities available for frequently hand cleaning (alcohol-based sanitizer or soap and water).	☑	☐

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JOB SAFETY & ENVIRONMENT ANALYSIS

4 PLAN – Plan what needs to be done to manage the risk

Hazards List any hazards not already identified in WMS	Risk Control Measures List the control measures required to eliminate or minimize the risk arising from the identified hazards. If risks cannot be controlled STOP and notify your Project Manager. Update the HSSE Plan and/or WMS if necessary.
Confine Space	Wear proper PPE, use safetylines, proper communication + supplied air if needed
Increased Noise	use hearing protection as needed.

Attendee	Signature
Will Dolan	
Cameron McDonnell	
Jacob Westlay	
Blair MARVIN	
Kyle Sutton	

Attendee	Signature

Attendee	Signature

5 PROCEED – Communicate and implement risk controls

Site Closure Checklist

Equipment and materials removed or secured?	☑
Waste collected and removed or securely stored and labelled?	☑
Site restored to original condition, if required?	☑
Area free from hazards created by the works?	☑
Photographs taken of site on completion of works?	☑

Supervisor:	Completed by:
Mark Saunders	

Learnings: *Ensure all Learnings are recorded in the Learnings Database as soon as possible.*

Location EAL Date 6/15/23

Project / Client B2101342.026 / Corning

Weather: 57°f Sunny

Staff: W.Dolan (WSP)

0705 WSP + Dickson arrive onsite. Dickson will pump down tank 1 to allow TR to clear out tank 1. JSEA completed

0710 Dickson Began removing leachate from tank 1

0720 Dickson finishes removing leachate

0730 Dicksons departs site

0805 TR arrived at EAL to perform tank cleaning.

0820 Prep for cleaning

0840 Safety meeting + Confine Space meeting start.

0850 conclude Safety meeting, start work. Kyle Stone (TR) arrived onsite

0915 TR enters tank 1 and begins cleaning.

1015 TR completes tank cleaning TR returns to tank to take pictures

1030 TR completes taking photos. + messaged m. Sanders.

1045 TR inspects Pipework in Lower Vault

Location EAL Date 6/15/23

Project / Client B2101342.026

1105 ATL arrives to inspect Tank 1 Conduct safety meeting w/ ATL.

1110 TR find blockage where the main leachate line comes into Lower vault. TR removes blockage. Light Sediment had built up in the piping Leading to tank 2.

1140 ATL Begins inspection of tank 1

1200 Break for lunch

1230 Return to work

1300 ATL finishes inspection of tank 1: Some corrosion and blistering paint observed by ATL.

1315 TR Begin placing tanks 1 lid back on the leachate tank and reassembly of Lower Vaults piping

1420 Lower Vault reassembled, main shut off valves functions. TR will return tommorrow to finish assembly of tank 1

1440 TR + WSP depart site

Rite in the Rain

JOB SAFETY & ENVIRONMENT ANALYSIS

Date: 6/15/23 Time: 0705

Project No: B2101342.026

Site: EAL

1 STOP

STOP AND ASSESS:	Y	NA
Planning		
HSSE Plan communicated to Employees?	☑	☐
Employees signed on to Work Method Statements?	☑	☐
Required Permits to Work issued?	☑	☐
Preparation		
Work not expected to exceed the fatigue requirements?	☑	☐
Required site inductions completed?	☑	☐
Employees hold the necessary competencies?	☑	☐
Employees have the required PPE?	☑	☐
Equipment in good repair (incl. guarding & E stop)?	☑	☐
Site		
GPS coordinates verified against technical instruction / map?	☑	☐
Service clearance completed?	☐	☑
Current hardcopy digging clearance plans available on site?	☐	☑
Pre-work photographs taken?	☑	☐
Work area adequately delineated / protected?	☑	☐
Traffic control plan implemented (if applicable)?	☑	☐
Emergency and spill response equipment accessible?	☑	☐
Environment & Heritage		
Equipment free of visible weeds and pests?	☑	☐
Waste / substances stored away from sensitive receptors?	☑	☐
Secondary containment for substances / liquid waste?	☑	☐
Erosion and sediment controls installed?	☑	☐
Sensitive receptors protected from damage / disturbance?	☑	☐
Heritage items / artefacts protected from disturbance?	☑	☐
Plant inspected for evidence of fluid leaks & excess exhaust?	☑	☐

NO JOB IS SO URGENT THAT WE LOWER OUR HSSE EXPECTATIONS OR STANDARDS.

FITNESS FOR DUTY	Y	N
▪ All workers on site are able to confirm that they are fit for work?	☑	☐
▪ Do all workers know the physical requirements of their tasks today?	☑	☐
▪ Does any worker report concern or any pre-existing conditions that may be aggravated by this work?	☑	☐

If yes, please contact your supervisor before proceeding.

2 THINK

DISCUSS THE TASK AND THE WORK ENVIRONMENT:

- Daily Tasks / Equipment in use
- Site Conditions / Weather Forecast
- Interfacing Works / Simultaneous Operations

3 IDENTIFY

ARE ANY FATAL RISK CONTROLS PRESENT?

	Y	N
Working Around Heavy / Mobile Equipment ▪ Be visible and identify your safe spot. ▪ Do not enter the zone of influence of mobile equipment until you have positive OK.	☑	☐
Driving ▪ Always wear a seatbelt. ▪ Respect the road rules, drive at a speed appropriate to the conditions. ▪ Do not use your cell phone. ▪ Do not drive after 14 / legislated hours.	☑	☐
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Working at Heights ▪ Where fall potential has been identified, use fall prevention measures. ▪ Do not stand within 2m (6.5ft) of an open edge where there is the potential to fall greater than 1.8m (6ft) without approved fall protection.	☑	☐

	Y	N
Working Around Suspended Loads ▪ Do not pass under a suspended load. ▪ Remain at a safe distance from a suspended load.	☐	☑
Ground Stability ▪ Do not enter an unsupported excavation that is deeper than your waist. ▪ Scan continuously for signs of ground instability. ▪ Avoid entering areas of unsupported ground.	☐	☑
OTHER SIGNIFICANT RISK Are there any other factors which could result in significant injury, illness, environmental harm, or property damage? **If yes, record hazard & controls in Section 4**	☑	☐

COVID -19	Y	N
▪ Have any workers on our site had close personal contact with someone who is confirmed as positive for COVID-19 in the last14 days?	☐	☑
▪ Have any workers on our site had close personal contact with someone who is current awaiting test results for COVID-19? (i.e. potential COVID-19 case).	☐	☑
▪ Are any workers on our site displaying symptoms consistent with a common cold, flu, or the COVID-19 virus?	☐	☑
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NOTIFY SUPERVISOR IMMEDIATELY IF 'YES" TO ABOVE QUESTIONS.		
▪ Physical distancing maintained, face covering, or other PPE used?	☑	☐
▪ Facilities available for frequently hand cleaning (alcohol-based sanitizer or soap and water).	☑	☐

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JOB SAFETY & ENVIRONMENT ANALYSIS

4 PLAN – Plan what needs to be done to manage the risk

Hazards List any hazards not already identified in WMS	Risk Control Measures List the control measures required to eliminate or minimize the risk arising from the identified hazards. If risks cannot be controlled STOP and notify your Project Manager. Update the HSSE Plan and/or WMS if necessary.
Confine Space	use Proper PPE, harness + rescue line as needed, Supplied air as needed
loud noise	use hearing potection as needed

Attendee	Signature
Will Dolan	
Teasha Racalto	
Brian Trevino	
Jacob Losfley	
Kyle Stone	

Attendee	Signature
Clay Clemens	
Eddie Rodriguez	

Attendee	Signature

5 PROCEED – Communicate and implement risk controls

Site Closure Checklist

- [x] Equipment and materials removed or secured?
- [x] Waste collected and removed or securely stored and labelled?
- [x] Site restored to original condition, if required?
- [x] Area free from hazards created by the works?
- [ ] Photographs taken of site on completion of works?

Supervisor:	Completed by:
Mark Saunders	

Learnings: *Ensure all Learnings are recorded in the Learnings Database as soon as possible.*

Location EAL Date 6/16/23

Project / Client B2101342.026 / Corning

Weather: 59°f cloudy

Staff: W. Dolan (WSP) Marvin + Teasha (TR)

0810 WSP + TR arrives onsite to finish assembling tank 1 + 2 leachate storage tanks. JSEA filled out

0820 Safety meeting

0830 Begin work pulling the tank 1 transducer out of the cracked bushings. TR will replace cracked bushing.

0910 ~~0914~~ WD TR Successfully changed out the old bushings, upon inspection they observed to have been cut. TR works on fixing snap housing for water float in tank 1's lower manhole

0940 TR ~~attach~~ WD finish fixing plastic housing. TR works on tank 1's piping fixtures

1000 WSP pumped out upper vault.

1005 TR departs site to acquire more hardware needed to finish tank 1's manhole.

1030 TR returns to site

1035 TR Resumes work on tank 1.

1110 TR completes work on tank 1. Both tanks are up and Running.

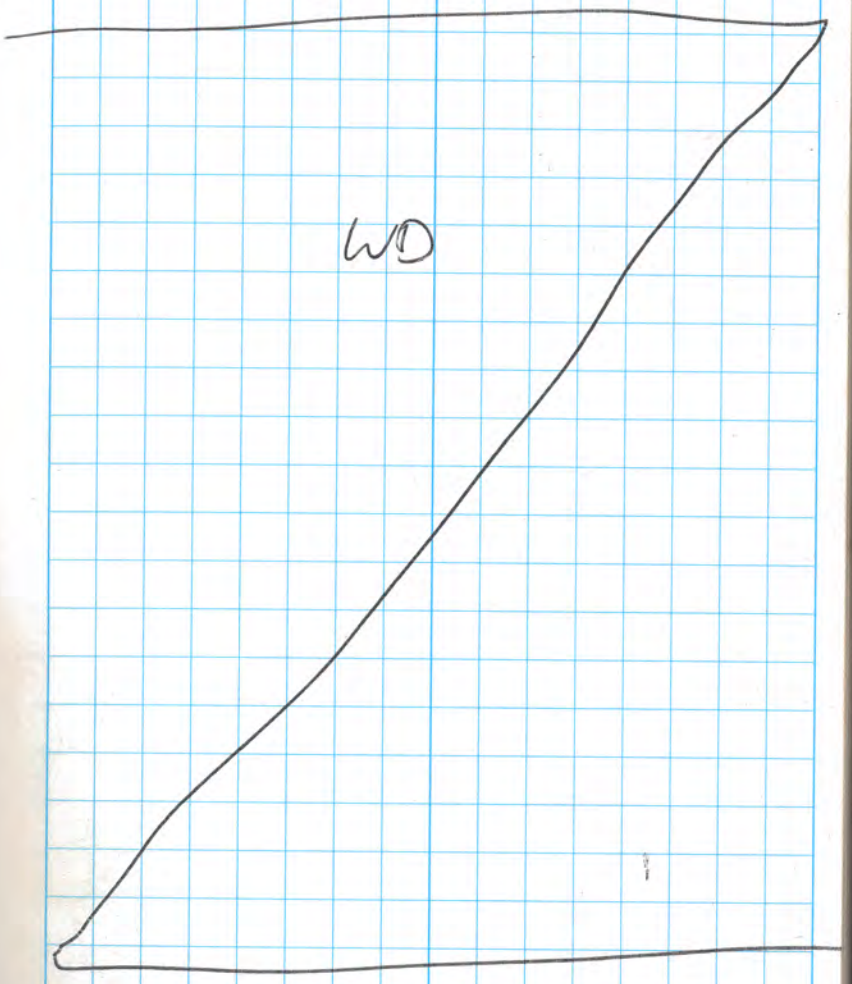
Location EAL Date 6/16/23

Project / Client B2101342.026 / Corning

1125 TR ~~D~~ clean up + depart site

1130 ~~C~~ called WP Mark Saunders to update

1135 WSP Departs site



Rite in the Rain

JOB SAFETY & ENVIRONMENT ANALYSIS

Date: 6/16/23 Time: 0810

Project No: B2101342.026

Site: EAL

1 STOP

STOP AND ASSESS:	Y	NA
Planning		
HSSE Plan communicated to Employees?	☑	☐
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Employees have the required PPE?	☑	☐
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Site		
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Service clearance completed?	☐	☑
Current hardcopy digging clearance plans available on site?	☐	☑
Pre-work photographs taken?	☑	☐
Work area adequately delineated / protected?	☑	☐
Traffic control plan implemented (if applicable)?	☑	☐
Emergency and spill response equipment accessible?	☑	☐
Environment & Heritage		
Equipment free of visible weeds and pests?	☑	☐
Waste / substances stored away from sensitive receptors?	☑	☐
Secondary containment for substances / liquid waste?	☑	☐
Erosion and sediment controls installed?	☑	☐
Sensitive receptors protected from damage / disturbance?	☑	☐
Heritage items / artefacts protected from disturbance?	☑	☐
Plant inspected for evidence of fluid leaks & excess exhaust?	☑	☐

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FITNESS FOR DUTY	Y	N
All workers on site are able to confirm that they are fit for work?	☑	☐
Do all workers know the physical requirements of their tasks today?	☑	☐
Does any worker report concern or any pre-existing conditions that may be aggravated by this work?	☑	☐

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2 THINK

DISCUSS THE TASK AND THE WORK ENVIRONMENT:

- Daily Tasks / Equipment in use
- Site Conditions / Weather Forecast
- Interfacing Works / Simultaneous Operations

3 IDENTIFY

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Working Around Heavy / Mobile Equipment ▪ Be visible and identify your safe spot. ▪ Do not enter the zone of influence of mobile equipment until you have positive OK.	☐	☑
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Ground Stability ▪ Do not enter an unsupported excavation that is deeper than your waist. ▪ Scan continuously for signs of ground instability. ▪ Avoid entering areas of unsupported ground.	☐	☑
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COVID -19	Y	N
▪ Have any workers on our site had close personal contact with someone who is confirmed as positive for COVID-19 in the last14 days?	☐	☑
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▪ Are any workers on our site displaying symptoms consistent with a common cold, flu, or the COVID-19 virus?	☐	☑
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NOTIFY SUPERVISOR IMMEDIATELY IF 'YES" TO ABOVE QUESTIONS.		
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JOB SAFETY & ENVIRONMENT ANALYSIS

4 PLAN – Plan what needs to be done to manage the risk

Hazards List any hazards not already identified in WMS	Risk Control Measures List the control measures required to eliminate or minimize the risk arising from the identified hazards. If risks cannot be controlled STOP and notify your Project Manager. Update the HSSE Plan and/or WMS if necessary.

Attendee	Signature
Will Dolan	
Teasha Racalto	
Brian Mann	

Attendee	Signature

Attendee	Signature

5 PROCEED – Communicate and implement risk controls

Site Closure Checklist

- Equipment and materials removed or secured? ☑
- Waste collected and removed or securely stored and labelled? ☑
- Site restored to original condition, if required? ☑
- Area free from hazards created by the works? ☑
- Photographs taken of site on completion of works? ☑

Supervisor: Mark Sanderson

Completed by:

Learnings: *Ensure all Learnings are recorded in the Learnings Database as soon as possible.*

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APPENDIX

C Laboratory Report

WSP USA
209 NORTH MAIN STREET
SUITE 3
HORSEHEADS, NY 14845

Tel.: +1 607 367-1327
Fax: +1 716 204-5878

ANALYTICAL REPORT

Lab Number:	L2333589
Client:	WSP 40 La Riviere Drive Suite 320 Buffalo, NY 14202
ATTN:	Mark Saunders
Phone:	(716) 204-5880
Project Name:	EDWARD ALLENS LANDFILL
Project Number:	B2101342.026
Report Date:	06/21/23

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: EDWARD ALLENS LANDFILL
Project Number: B2101342.026

Lab Number: L2333589
Report Date: 06/21/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2333589-01	EAL_20230613_TANK SLUDGE	SLUDGE	Not Specified	06/13/23 10:40	06/14/23

Project Name:	EDWARD ALLENS LANDFILL	**Lab Number:**	L2333589
Project Number:	B2101342.026	**Report Date:**	06/21/23

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 Alpha 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, solids and tissues are reported on a dry 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, Alpha'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 Alpha Project Manager and made arrangements for Alpha 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:	EDWARD ALLENS LANDFILL	**Lab Number:**	L2333589
Project Number:	B2101342.026	**Report Date:**	06/21/23

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.

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: 06/21/23

INORGANICS
&
MISCELLANEOUS

Project Name: EDWARD ALLENS LANDFILL
Project Number: B2101342.026
Lab Number: L2333589
Report Date: 06/21/23

SAMPLE RESULTS

Lab ID: L2333589-01
Client ID: EAL_20230613_TANK SLUDGE
Sample Location: Not Specified
Sample Depth:
Matrix: Sludge

Date Collected: 06/13/23 10:40
Date Received: 06/14/23
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	17.1		%	0.100	NA	1	-	06/20/23 07:18	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: EDWARD ALLENS LANDFILL

Project Number: B2101342.026

Lab Number: L2333589

Report Date: 06/21/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1793514-1 QC Sample: L2331922-19 Client ID: DUP Sample						
Solids, Total	81.8	81.9	%	0		20

Project Name: EDWARD ALLENS LANDFILL
Project Number: B2101342.026

Lab Number: L2333589
Report Date: 06/21/23

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(*)*
L2333589-01A	Glass 1000ml unpreserved	A	NA		3.9	Y	Absent		TS(7)
L2333589-01B	Glass 1000ml unpreserved	A	NA		3.9	Y	Absent		TS(7)
L2333589-01C	Glass 1000ml unpreserved	A	NA		3.9	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name:	EDWARD ALLENS LANDFILL	**Lab Number:**	L2333589
Project Number:	B2101342.026	**Report Date:**	06/21/23

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:	EDWARD ALLENS LANDFILL	**Lab Number:**	L2333589
Project Number:	B2101342.026	**Report Date:**	06/21/23

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:	EDWARD ALLENS LANDFILL	**Lab Number:**	L2333589
Project Number:	B2101342.026	**Report Date:**	06/21/23

Data Qualifiers

Identified Compounds (TICs).

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.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	EDWARD ALLENS LANDFILL	**Lab Number:**	L2333589
Project Number:	B2101342.026	**Report Date:**	06/21/23

REFERENCES

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

LIMITATION OF LIABILITIES

Alpha Analytical 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 Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical 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 Alpha Analytical.

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
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
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.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

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, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

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

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

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

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

Service Centers
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: 6/15/23

ALPHA Job #: L2373389

Client Information

Client: Mark Saunders
Address: 40 La Riviere Dr.
Ste 320 Buffalo, NY 14202
Phone: 716-853-1220
Fax:
Email: mark.d.saunders@wsp.com

Project Information

Project Name: Edward Allens Landfill
Project Location:
Project #: B2101342.026
(Use Project name as Project #) ☐
Project Manager: Mark Saunders
ALPHAQuote #:

Turn-Around Time

☑ Standard — Due Date:
☐ Rush (only if pre approved) — # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use ☐
☐ NYC Sewer Discharge ☐

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
NJ ☑ NY
Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Percent Solids	Sample Specific Comments	Total Bottles
38589-01	EAL_20230613_Tank Sludge	6/13/2023	1040	SG	WXD	X		

Preservative Code: A = None, B = HCl, C = HNO_3, D = H_2SO_4, E = NaOH, F = MeOH, G = $NaHSO_4$, H = $Na_2S_2O_3$, K/E = Zn Ac/NaOH, O = Other

Container Code: P = Plastic, A = Amber Glass, V = Vial, G = Glass, B = Bacteria Cup, C = Cube, O = Other, E = Encore, D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type: G
Preservative: A

Relinquished By:	Date/Time	Received By:	Date/Time
	6/14/23 0955	AAL	6/14/23 0955
	6/14/23 1305		6/15/23 0030

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

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

APPENDIX

J

SEEPAGE COLLECTION SYSTEM REPAIR MEMORANDUM

Field Inspection Memorandum

for the Edward Allen Landfill Seepage Collection Pipe Repair

Submitted by:

WSP USA Inc.

40 La Riviere Dr., Ste. 320

Buffalo, New York 14202

+1 716-853-1220

January 2024

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1.0 INTRODUCTION

WSP USA Inc. (WSP) prepared this Field Inspection Memorandum (Memo) to document the repair of a section of seepage collection system piping at the closed Edward Allen Landfill (EAL). This Memo documents the repair activities completed November 14 to 17, 2023.

2.0 SEEPAGE COLLECTION PIPING REPAIR AND INSPECTION

2.1 Pre-Field Work

2.1.1 Health and Safety

WSP created a task-specific Job Hazard Analysis (JHA) along with a Ground Disturbance Plan (GDP) in addition to the existing project health and safety plan to accommodate the new tasks being performed. WSP verified that the subcontractors had all required certifications and health and safety plans (HASP) before commencing work. The HASP provides general health and safety information to others who may be involved with the implementation of the work. Subcontractors were required to develop their own HASP and procedures of comparable or higher content for their respective personnel in accordance with relevant Occupational Health and Safety Administration (OSHA) regulatory requirements for work at similar sites as well as general industry standards, as applicable, based on the nature of work being performed. WSP subcontracted the services of T&R Environmental (T&R) of Bath, New York, and Integrity Lining Systems, LLC (Integrity) of Groton, New York for the seepage collection repair work.

2.1.2 Field Kickoff Meeting

WSP held a team kickoff meeting prior to the start of work to review site restrictions and the plans put forth in the Field Implementation document with WSP personnel and subcontractors.

Details of field work, weather conditions, equipment, staffing, health and safety, and test results are included in the body of this Memo and are documented in the Daily Activities Logs, included in Appendix 1. The Liner Inspection Forms and repair records are included in Appendix 2. Photographs of the seepage collection pipe repair are presented in a Photo Log, included as Appendix 3.

2.2 Summary of Seepage Collection System Piping Repair and Inspection Activities

The following outlines the repair and inspection activities that were observed during the seepage collection system piping repair:

Tuesday November 14, 2023

- Health and safety tailgate kickoff meeting between WSP and T&R.
    - One call to “UDIG NY” for intrusive activities verified from T&R prior to any intrusive activities. No intrusive activities until Wednesday November 15, 2023.
    - Private utility locate performed to locate the buried plastic seepage collection pipe. Locate performed using Ground Penetrating Radar (GPR). Pipe located and marked at approximate 3-foot depth.
- T&R mobilized a tracked excavator (CAT 308), and temporarily staged the excavator inside the fence gate located between Manhole 6 (MH-6) and MH-7.
- T&R prepared the site with rig mats from the entrance between MH-7 to the dig location near MH-6.

- T&R installed silt fence downgradient of seepage repair area and temporary soil stockpile areas.

Wednesday November 15, 2023

- Removal and temporary stockpiling of existing 6-inch-thick topsoil layer east of the marked pipe. Removal and temporary stockpiling of existing 24-inch-thick barrier protection layer, for reuse, above the seepage collection pipe from MH-6 to approximately 50 feet upgradient of MH-6, where the perforated seepage collection pipe connects to the solid seepage collection pipe.
- Scott Williams from the New York State Department of Environmental Conservation (NYSDEC) arrived onsite at 1000. Mr. Williams was onsite until 1430 to oversee pipe removal.
- Barrier protection layer beneath the topsoil was placed to the west of the marked pipe. The barrier protection layer was removed in 6-inch lifts to help minimize potential damage to the underlying geomembrane.
- Removal of the barrier protection soil directly on the 40-mil low density geomembrane was hand-shoveled to prevent damage.
- The geomembrane and the nonwoven geotextile wrap around the seepage collection trench beneath it were cut open and folded out of the way (to the west) in 15-foot sections.
- The exposed drainage stone layer which consisted of 2-inch angular washed drainage stone was in good condition and removed by the excavator/hand shoveling and placed on the 6-mil polyethylene sheeting for later use.
- T&R continued to excavate in a northeast direction from the manhole exposing 15-foot sections of the primary seepage collection pipe until the entire section of pipe was exposed. Approximately 46 feet of 6-inch diameter perforated drain (the existing damaged pipe) was exposed and replaced with a 6-inch diameter perforated Standard Dimension Ratio (SDR) 11 High Density Polyethylene (HDPE) pipe with two rows 120 degrees apart of 1/2-inch diameter perforations spaced 6 inches apart.
- The pipe, with the perforations facing downwards, was connected to manhole MH-6 and the existing solid HDPE pipe to the northeast using electrofusion couplings.
- Once welding was complete, the clean drainage stone was placed back into the seepage collection trench and the cushion geotextile and geomembrane were folded back over the trench.
- Damaged pipe and trash was placed in a roll off container for offsite disposal by T&R.
- Staged excavated aggregate on 6-mil polyethylene sheeting and covering the aggregate at the end of the workday. Any aggregate that is not reused will be placed in the roll off container for offsite disposal.
- Placed removed perforated seepage collection pipe in a roll off container for offsite disposal

Thursday November 16, 2023

- T&R began cleaning the edges of existing geomembrane to remove adhered soil before Integrity began their work and finished placing drainage stone in the northwestern corner of the seepage collection trench.
- Integrity arrived on site around 0900 and repaired any geocomposite gas venting that had been damaged during excavation. New geocomposite was connected to the existing layer and toed into the drainage stone layer for gas collection.

- Once the geocomposite was installed, the existing geotextile was pulled back over the seepage collection stone and geocomposite. An extra layer of geotextile (new material) was installed over the existing geotextile and secured.
- Integrity then ran two trial welds for the extrusion welder: new-to-new geomembrane and old-to-new geomembrane. Trial welds were determined to meet project specifications.
- Integrity then extrusion welded a 40-mil linear low-density polyethylene (LLDPE) cap strip over the existing geomembrane that was cut open to allow access to the damaged seepage collection pipe.
- Following completion of extrusion welding, the welds were non-destructively tested using a vacuum box. Three leaks were observed and repaired, and vacuum checked again.
- Upon completion of non-destructive testing, Integrity used a blower to remove all debris off the liner system and placed a layer of nonwoven geotextile on top of the repaired liner.
- Once integrity finished repairing the geomembrane, T&R began backfilling the repaired area with two one-foot layers of barrier protection soil.
- Each layer of barrier protection soil was compacted with a small plate tamper and lift thicknesses were checked using grade stakes.
- Once the two layers of barrier protection soil were placed, the topsoil layer was placed and graded with a skid steer and excavator.
- The underlying 6-mil polyethylene sheeting was removed once the stockpiles were used, any leftover stone/fill/materials were removed by the skid steer and placed in a roll off container.

Friday November 17, 2023

- T&R hand-raked all areas around the two stockpile areas, putting any leftover exposed soil clumps into the backfill area and exposing the underlying grass.
- Scott Williams from the NYSDEC arrived onsite at 1130. Mr. Williams was onsite until 1200 to observe the finished backfill.
- T&R used the skid steer to finish grading all topsoil.
- The silt fence was removed and placed in the roll off container.
- Once completed, biodegradable coconut matting was placed and staked over the exposed backfill material and equipment was demobilized from the Site.
- The roll off remained onsite until the waste characterization results were returned and the roll off could be delivered to the Steuben County Landfill.
- Seeding of disturbed areas will take place in the Spring of 2024.

3.0 FIELD CLOSEOUT

During the WSP monthly and quarterly site inspections, we will observe and document the condition of the roll off container associated with the seepage collection piping repair until the wastes have been transported and disposed of offsite. During the WSP monthly and quarterly site inspections, we will observe and document the condition of the temporary soil erosion controls associated with the pipe and liner repair until the final erosion control measures are completed in Spring 2024.

Signature Page

WSP USA Inc.

Mark Saunders
Project Manager

Gary P. Hurta, Jr, PE
Assistant Vice President, Technical Principal

Craig R. Anderson, PE
Practice Leader

MS/GPH/CRA/

APPENDIX

1 DAILY ACTIVITIES LOGS

FIELD MONITORING SUMMARY

PROJECT NUMBER:	B2101342.050	**PROJECT TITLE:**	Seepage Collection System Repair
OWNER:	Corning	**CONTRACTOR:**	T&R Construction
LOCATION:	2046 Bailey Creek Rd	**SUB CONTRACTOR(S):**	Integrity Lining

DATE: 11/14/2023 *Tuesday*

WEATHER:	**TEMPERATURE:**	**LOW:**	39 @ 600	**HIGH:**	45 @ 1400		
CLOUD COVER:	None	**PRECIPITATION:**	None	**WIND:**	5-15 NW		

WSP PERSONNEL ON SITE:

Andy Wengender (8:00-11:30), Will Dolan (8:00-10:30), Mark Saunders (8:00-10:30)

SUMMARY OF CONSTRUCTION PROGRESS:

Equipment on site: CAT 308 excavator with a smooth bucket

T&R mobilize CAT 308 excavator onto the site and staged it on rig matting around 50' away from the existing passive gas vent. T&R installed around 120 ft of straw waddle just downgradient of the proposed HDPE pipe excavation area. A 6x6 decontamination tub was staged 5' West of the passive gas vent. Onsite from 8:30-11:30.

WSP ACTIVITIES AND TEST RESULTS:

WSP marked around 50' of the seepage collection pipe using geophysical equipment. Using the geophysical equipment it was estimated the top of pipe to be right around 3' below the soil surface.

SUBMITTED BY:

Andrew Wengender

FIELD MONITORING SUMMARY

PROJECT NUMBER:	B2101342.050	**PROJECT TITLE:**	Seepage Collection System Repair
OWNER:	Corning	**CONTRACTOR:**	T&R Construction
LOCATION:	2046 Bailey Creek Rd	**SUB CONTRACTOR(S):**	Integrity Lining

DATE: 11/14/2023 *Tuesday*

SUMMARY OF SURVEYOR'S ACTIVITIES:

None

SUMMARY OF PROBLEMS AND RESOLUTIONS:

None

SUMMARY OF MEETINGS AND DISCUSSIONS HELD (ATTENDEES AND ISSUES):

Kickoff meeting and pre-construction health and safety meeting held in the site parking lot by Mark Saunders. The overall field implementation plan was reinstated and all health and safety aspects of the project were affirmed. A site overview was given by Will Dolan. No issues arose. In attendance (Mark Saunders, Andy Wengender, Will Dolan, Frances Ciolino, Teasha Racatto, Kyle Stone, Montana Yastreinski)

SUMMARY OF INCIDENTS / ACCIDENTS / HEALTH AND SAFETY ISSUES:

WSP:3 T&R:3
Workers in Level D PPE.

SUBMITTED BY:

Andrew Wengender

FIELD MONITORING SUMMARY

PROJECT NUMBER:	B2101342.050	**PROJECT TITLE:**	Seepage Collection System Repair
OWNER:	Corning	**CONTRACTOR:**	T&R Construction
LOCATION:	2046 Bailey Creek Rd	**SUB CONTRACTOR(S):**	Integrity Lining

DATE: 11/15/2023 *Wednesday*

WEATHER:	**TEMPERATURE:**	**LOW:**	28 @ 700	**HIGH:**	53 @ 1400		
CLOUD COVER:	None	**PRECIPITATION:**	None	**WIND:**	0-5 mph NW		

WSP PERSONNEL ON SITE:

Andy Wengender (700-1630), Will Dolan (1330-1630)

SUMMARY OF CONSTRUCTION PROGRESS:

Equipment on site: CAT 308 excavator with a smooth bucket

T&R place 6 mil polyethylene West and East of the expected excavation area which was from manhole MH-6 to about 40' NE of manhole MH-6.
Once this was placed T&R began placing the 6 inch layer of topsoil East of the marked primary leachate collection pipe with the CAT 308 excavator.
The barrier protection layer beneath this (clay) was placed west of the marked pipe.
The barrier protection layer was removed in 6 inch lifts to help ensure no extra damage occurred to the geomembrane cap below it.
The clay directly on the 40 mil low density geomembrane was hand shoveled.
This geomembrane and the cushion geotextile beneath it was cut open and folded out of the way to the west in 15 foot sections.
This exposed the drainage stone layer which consisted of 2 inch angular washed drainage stone which was in excellent condition.
This angular drainage stone was removed with the CAT 308 excavator/hand shoveling and placed on the folded geotextile for later use.
T&R continued to dig in a Northeast direction from the manhole exposing 15' sections of the primary leachate collection pipe until the whole section of pipe was exposed. 45.8' of 6" perforated drain tile (the existing destroyed pipe) was exposed and replaced with a 6" perforated SDR 11 HDPE pipe with two rows 120 degrees apart of 1/2 inch perforations spaced 6 inches apart.
This pipe with the perforations facing downwards was electrofusion welded to manhole MH-6 and the existing solid HDPE pipe to the Northeast.
Once welding was complete the clean drainage stone was shoveled back into the primary drainage collection trench and the Cushion geotextile and geomembrane were folded back over the trench.
A roll off garbage container arrived onsite today and was placed over by the front entrance turn around area.

DEC Scott Williams onsite from 1000-1430 to oversee pipe removal.

WSP ACTIVITIES AND TEST RESULTS:

WSP oversaw all excavation and backfill activities insuring no extra geomembrane damage was done to the cap or base liner system. WSP took a waste characterization sample for the excavation waste as well as the old Manhole covers.

SUBMITTED BY:

Andrew Wengender

FIELD MONITORING SUMMARY

PROJECT NUMBER:	B2101342.050	**PROJECT TITLE:**	Seepage Collection System Repair
OWNER:	Corning	**CONTRACTOR:**	T&R Construction
LOCATION:	2046 Bailey Creek Rd	**SUB CONTRACTOR(S):**	Integrity Lining

DATE: 11/15/2023 *Wednesday*

SUMMARY OF SURVEYOR'S ACTIVITIES:

None

SUMMARY OF PROBLEMS AND RESOLUTIONS:

None

SUMMARY OF MEETINGS AND DISCUSSIONS HELD (ATTENDEES AND ISSUES):

Morning health and safety meeting held in the site parking lot by Andy Wengender. Key aspects brought up were appropriate prep for power tools, suspended loads, gas monitoring, and slips trips and falls. In attendance (Andy Wengender, Teasha Racatto, Kyle Stone, Montana Yastreinski, Mark Burger)

SUMMARY OF INCIDENTS / ACCIDENTS / HEALTH AND SAFETY ISSUES:

WSP:2 T&R:3 DEC:1
Workers in Level D PPE.

SUBMITTED BY:

Andrew Wengender

FIELD MONITORING SUMMARY

SHEET 1 OF 2

PROJECT NUMBER:	B2101342.050	**PROJECT TITLE:**	Seepage Collection System Repair
OWNER:	Corning	**CONTRACTOR:**	T&R Construction
LOCATION:	2046 Bailey Creek Rd	**SUB CONTRACTOR(S):**	Integrity Lining

DATE: 11/16/2023 *Thursday*

WEATHER:	**TEMPERATURE:**	**LOW:**	29 @ 700	**HIGH:**	53 @ 1300		
CLOUD COVER:	None	**PRECIPITATION:**	None	**WIND:**	0-5 mph NW		

WSP PERSONNEL ON SITE:

Andy Wengender (700-1630)

SUMMARY OF CONSTRUCTION PROGRESS:

Equipment on site: CAT 308 excavator with a smooth bucket, CAT skid steer

T&R had a skid steer arrive first thing in the morning.
T&R began cleaning the edges of existing geomembrane with scrubs and water removing dirt for Integrity and finished placing drainage stone in the Northwestern corner of the ditch.
Integrity arrived onsite around 0900 and repaired any geocomposite that had been damaged during excavation.
Once integrity finished repairing the torn cap layer T&R began backfilling the repaired area with two one foot clay layers.
Each clay layer was compacted thoroughly with a small plate tamper and lifts were checked using two grade stakes.
Once the two clay layers were complete the topsoil layer was fluffed in and graded with the skid steer and excavator.
The underlying 6 ounce poly was removed once the stockpiles were gone and any leftover dirt was picked up with the skid steer.
New geocomposite was zip tied to the old and toed into the drainage stone for the gas layer.
Once the geocomposite was installed the old geotextile was pulled back over the drainage stone and geocomposite.
An extra layer of geotextile (new material) was installed over the old geotextile and leistered down.
Integrity then ran 2 trial welds for the one extrusion gun they brought for new-new geomembrane and old-new geomembrane both passing.
Integrity then capped the torn section of low density 40 mil liner and vacuum checked the seams.
Three leaks were beaded and vacuum checked again.
Upon completion integrity used a leaf blower to blow all debris off the liner system and placed one more layer of geotextile on top of the liner.

WSP ACTIVITIES AND TEST RESULTS:

WSP oversaw all backfill activities insuring all materials were properly placed and compacted. WSP oversaw trial seams and vacuum tests performed by integrity. Grade stakes with 1 foot 2 foot and 2.5 foot marks were placed to insure proper levels of clay and topsoil.

SUBMITTED BY:

Andrew Wengender

FIELD MONITORING SUMMARY

PROJECT NUMBER:	B2101342.050	**PROJECT TITLE:**	Seepage Collection System Repair
OWNER:	Corning	**CONTRACTOR:**	T&R Construction
LOCATION:	2046 Bailey Creek Rd	**SUB CONTRACTOR(S):**	Integrity Lining

DATE: 11/16/2023 *Thursday*

SUMMARY OF SURVEYOR'S ACTIVITIES:

None

SUMMARY OF PROBLEMS AND RESOLUTIONS:

None

SUMMARY OF MEETINGS AND DISCUSSIONS HELD (ATTENDEES AND ISSUES):

Morning health and safety meeting held in the site parking lot by Andy Wengender. Key aspects brought up were appropriate prep for power tools, suspended loads, gas monitoring, and slips trips and falls. In attendance (Andy Wengender, Kyle Stone, Montana Yastreinski, Mark Burger, Greg Ross, Joe Belknop, Owen Kreller, Tim Russell)

SUMMARY OF INCIDENTS / ACCIDENTS / HEALTH AND SAFETY ISSUES:

WSP:1 T&R:3 Integrity:4
Workers in Level D PPE.

SUBMITTED BY:

Andrew Wengender

FIELD MONITORING SUMMARY

PROJECT NUMBER:	B2101342.050	**PROJECT TITLE:**	Seepage Collection System Repair
OWNER:	Corning	**CONTRACTOR:**	T&R Construction
LOCATION:	2046 Bailey Creek Rd	**SUB CONTRACTOR(S):**	Integrity Lining

DATE: 11/17/2023 *Friday*

WEATHER:	**TEMPERATURE:**	**LOW:**	37 @ 800	**HIGH:**	62 @ 1200		
CLOUD COVER:	None	**PRECIPITATION:**	None	**WIND:**	5-15 mph NW		

WSP PERSONNEL ON SITE:

Andy Wengender (800-1230)

SUMMARY OF CONSTRUCTION PROGRESS:

Equipment on site: CAT 308 excavator with a smooth bucket, CAT skid steer

T&R hand raked all areas around the two stockpile areas putting any leftover exposed dirt clumps into the backfill area and exposing the underlying grass.
T&R used the skid steer to finish grading all topsoil.
Once completed, biodegradable coconut matting was placed and staked over the exposed backfill material. T&R packed all equipment on site and placed the straw sock into the roll off.
The roll off is to remain on site until the waste characterization results come back.
The excavator was left in the front parking area next to the roll off to be picked up early the following week.

Scott Williams from DEC stopped in to check on finished backfill.

WSP ACTIVITIES AND TEST RESULTS:

WSP oversaw grading and biodegradable coconut mat installation. All gates locked upon departure of the site.

SUBMITTED BY:

Andrew Wengender

FIELD MONITORING SUMMARY

PROJECT NUMBER:	B2101342.050	**PROJECT TITLE:**	Seepage Collection System Repair
OWNER:	Corning	**CONTRACTOR:**	T&R Construction
LOCATION:	2046 Bailey Creek Rd	**SUB CONTRACTOR(S):**	Integrity Lining

DATE: 11/17/2023 *Friday*

SUMMARY OF SURVEYOR'S ACTIVITIES:

None

SUMMARY OF PROBLEMS AND RESOLUTIONS:

None

SUMMARY OF MEETINGS AND DISCUSSIONS HELD (ATTENDEES AND ISSUES):

Morning health and safety meeting held in the site parking lot by Andy Wengender. Key aspects brought up were appropriate prep for suspended loads and slips trips and falls. In attendance (Andy Wengender, Montana Yastreinski, and Jason Schlicher).

SUMMARY OF INCIDENTS / ACCIDENTS / HEALTH AND SAFETY ISSUES:

WSP:1 T&R:2 DEC:1
Workers in Level D PPE.

SUBMITTED BY:

Andrew Wengender

APPENDIX

2 LINER INSPECTION FORMS

GEOMEMBRANE DEFECT/ REPAIR LOG

PROJECT NUMBER: B2101342.026
OWNER: Edward Allyn Landfill
LOCATION: Corning, NY

PROJECT TITLE: Seepage collection system repair
CONTRACTOR: Integrity Lining Systems

SHEET NUMBER: 1

DEFECT					REPAIR						TEST					
CODE	SEAM, PANEL OR REPAIR NO.	LOCATION DESCRIPTION	TYPE	LOG DATE	DATE	TIME	TYPE	DIMENSION	WELD TECH.	MACH. NO.	DATE	TECH.	OBS. TEST?	DEFECTS	MON.	REMARKS
A	—	20' NW of MW-6	EE	11/15/23	11/16/23	11:00	C	5×40	JB	x2	11/16	Ok	Y	3	AW	All leaks repaired
B																
C																
D																
E																
F																
G																
H																
I																
J																
K																
M																
N																
P																
Q																
R																
S																
T																
W																
X																

DEFECT TYPE

AD - ANIMAL RELATED DAMAGE
BO - FUSION WELDER BURN
BS - BOOT/SKIRT FOR FML PENETRATION
CO - CHANGE OF OVERLAP
CR - CREASE
D - INSTALLATION DAMAGE
DS-# - DESTRUCTIVE TEST NUMBER
EE - EARTHWORK EQUIPMENT DAMAGE
EXT - EXTENSION
FM - FISHMOUTH
FS - FAILED SEAM LENGTH
FTS - FIELD TEST STRIP
IO - INSUFFICIENT OVERLAY
LF - LINER FLAP AT TRIANGULAR SWALE
MD - MANUFACTURER/DELIVERY DAMAGE
PT - PRESSURE TEST CUT
SI - SOIL SURFACE IRREGULARITY
T - THREE PANEL INTERSECTION
WR - WRINKLE
WS - WELDER RESTART

REPAIR TYPE

C - CAP
P - PATCH
RS - RECONSTRUCTED SEAM
G&W - GRIND & WELD
OTHER _____

GCS FORM: G18
(JUNE 1992); Updated Jan. 2022

REVIEWED BY: _____ DATE: _____ WSP

Demtech Services, Inc.

Placerville, California, USA

CALIBRATION CERTIFICATE

Tensiometer Model: Pro-Tester T-0100

Device Calibrated: S-Type load cell
Range: 0 - 750 lbs. Tension
Model No: M2405-750A-001
Serial No: 220738

A/D Module Model No: T-029
A/D Module Serial No: 807220738
Channel No: N/A

Calibration Apparatus:

Reference load cell (S/N 204781)

Dead Weight:

W1	2
W2	152
W3	302

Reference Cell:

R1	2
R2	152
R3	302

Indicator reading with no load: 0

Offset: 2.167378

Scale: 4.337278

Applied Force lbs.	Cell Response:	Deviation Error:
2	2	0.00
52	52	0.00
102	102	0.00
152	152	0.00
202	202	0.00
252	252	0.00
302	302	0.00

Total Deviation Error (%): 0.00%

Temperature at time of calibration: 73 degrees F
Exitation Voltage: 5 V DC

This calibration conforms to the standards set by ASTM E4 and is traceable to NIST standards

Note: A/D Module and load cell above have been systems calibrated and are considered a matched pair. In general, calibrated A/D Modules and load cells are not interchangeable.

Calibration Technician: Bailey Phillis

Date: 01/10/23

Signature:

GEOMEMBRANE TRIAL SEAM LOG

PROJECT NUMBER: 82101342.026
PROJECT TITLE: Seepage collection System repair
OWNER: Edward Allen Landfill
CONTRACTOR: Integrity Lining Systems
LOCATION: Corning, NY

[ ] TF - # = FUSION
[X] TX - # = EXTRUSION

DATE: 11/16/23
SHEET NUMBER: 1

	SAMPLE NUMBER	APPROX. TIME	WELDING MACHINE NUMBER	WELD TECH.	TEMPERATURES: AMBIENT AIR TEMP.	TEMPERATURES: PREHEAT OR MACHINE SPEED	TEMPERATURES: EXTRUDER	TEMPERATURES: NOZZLE OR WEDGE	INSIDE PEEL MODE STRENGTH	OUTSIDE MODE STRENGTH	SHEAR MODE STRENGTH	PASS OR FAIL	MON.	REMARKS
1	TX-1	11:09	X2	JB	60		440/440		72 80 81		89 91 86	P	AW	New/New
2	TX-2	11:10	X2	JB	60		440/440		75 74 61		71 79 80	P	AW	OLD/NEW
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														

REVIEWED BY: _____ DATE: _____

GCS FORM: G12
(JUNE 1992); Updated Jan. 2022

40 mil

Minimum Values - ~~60 mil~~ HDPE @ 2"/minute			
~~Peel (Fusion)~~	~~91~~	~~Shear (Fusion)~~	~~120~~
Peel (Extrusion)	~~78~~	Shear (Extrusion)	120

WSP
extrusion new LLDPE 40 mils
Shear 601b/in
Peel 44 lb/in
extrusion new/old LLDPE 40 mils
Shear 44 lb/in
Peel 40 lb/in

APPENDIX

3 PHOTO LOG

PHOTOGRAPHIC LOG		
	EDWARD ALLEN LANDFILL **SEEPAGE REPAIR INSPECTION**	**B2101342.050.3.LBR**

Photo No.	**Date**
1	11/14/2023

A section of 40-linear feet of pipe marked out through geotechnical methods from manhole 6 (MH-6) to the Northeast.

View looking Southwest.

Photo No.	**Date**
2	11/14/2023

Erosion control (straw sock) placed before excavation began.

View looking Southwest.

PHOTOGRAPHIC LOG		
	EDWARD ALLEN LANDFILL **SEEPAGE REPAIR INSPECTION**	**B2101342.050.3.LBR**

Photo No.	**Date**
3	11/15/2023

Upper 6-inches of topsoil placed on polyethylene sheeting east of the trench while the clay was placed on west of the trench.

View looking Northeast.

Photo No.	**Date**
4	11/15/2023

Clay layer removed and 40 mil geomembrane exposed and cleaned with a flat bladed shovel.

View looking Northeast.

PHOTOGRAPHIC LOG		
	EDWARD ALLEN LANDFILL **SEEPAGE REPAIR INSPECTION**	**B2101342.050.3.LBR**

Photo No.	**Date**
5	11/15/2023

15-foot sections of geomembrane and geotextile were folded over from the old cap system exposing the underlying drainage stone.

View looking Northeast.

Photo No.	**Date**
6	11/15/2023

Stone was to be reused and placed directly west of the trench onto the geosynthetics. This image shows the damaged seepage collection pipe.

View looking Northeast.

PHOTOGRAPHIC LOG		
	EDWARD ALLEN LANDFILL **SEEPAGE REPAIR INSPECTION**	**B2101342.050.3.LBR**

Photo No.	**Date**
7	11/15/2023

Damaged seepage collection pipe was removed between MH-6 and the solid pipe connection 45 feet to the Northeast.

View looking Southwest.

Photo No.	**Date**
8	11/15/2023

New 6-inch diameter SDR-11 perforated HDPE pipe installed and connected to MH-6 and the existing solid seepage collection pipe with electrofusion couplers.

View looking Southwest.

PHOTOGRAPHIC LOG		
	EDWARD ALLEN LANDFILL **SEEPAGE REPAIR INSPECTION**	**B2101342.050.3.LBR**

Photo No.	**Date**
9	11/15/2023

2-inch diameter angular drainage stone was reused and backfilled around the new primary collection pipe.

View looking Northeast.

Photo No.	**Date**
10	11/16/2023

New geocomposite gas venting layer installed and tucked into drainage stone.

View looking northeast.

PHOTOGRAPHIC LOG		
	EDWARD ALLEN LANDFILL **SEEPAGE REPAIR INSPECTION**	**B2101342.050.3.LBR**

Photo No.	**Date**
11	11/16/2023

Existing fabric was folded over the geocomposite and a new layer of geotextile was secured over the entire trench.

View looking Northeast.

Photo No.	**Date**
12	11/16/2023

Tensiometer used for pre-weld testing. A new/old peel test shown here with the new geomembrane failing before the old material. All trial welds passed.

PHOTOGRAPHIC LOG		
	EDWARD ALLEN LANDFILL **SEEPAGE REPAIR INSPECTION**	**B2101342.050.3.LBR**

Photo No.	**Date**
13	11/16/2023

New geomembrane welded and vacuum tested over the geotextile.

View looking Northeast.

Photo No.	**Date**
14	11/16/2023

An extra layer of geotextile placed on the new geomembrane and weld before backfilling.

PHOTOGRAPHIC LOG		
	EDWARD ALLEN LANDFILL **SEEPAGE REPAIR INSPECTION**	**B2101342.050.3.LBR**

Photo No.	Date
15	11/16/2023

Clay plug placed in one-foot lifts and compacted with the excavator bucket and a small tamper. Grade stakes installed to ensure proper depths were achieved.

View looking Northeast.

Photo No.	Date
16	11/17/2023

Topsoil placed and graded above the clay layer.

View looking Southwest.

PHOTOGRAPHIC LOG		
	EDWARD ALLEN LANDFILL **SEEPAGE REPAIR INSPECTION**	**B2101342.050.3.LBR**

Photo No.	**Date**
17	11/17/2023

Topsoil placed and graded above the clay layer.

View looking Northeast.

Photo No.	**Date**
18	11/17/2023

Completed with netting over top (seeding to commence in Spring 2024).

View looking Southwest.

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