
1ST 2025 SEMI-ANNUAL WATER QUALITY MONITORING REPORT

ACMS HEART OF FLORIDA CLASS I LANDFILL

Prepared for

ACMS, Inc.

835 County Road 529

Lake Panasoffkee, Florida 33538

Prepared by

Geosyntec Consultants, Inc.

19321 U.S. Highway 19 North

Building C, Suite 200

Clearwater, FL 33764

Project FL11493

May 1, 2025

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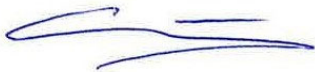
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May 1, 2025

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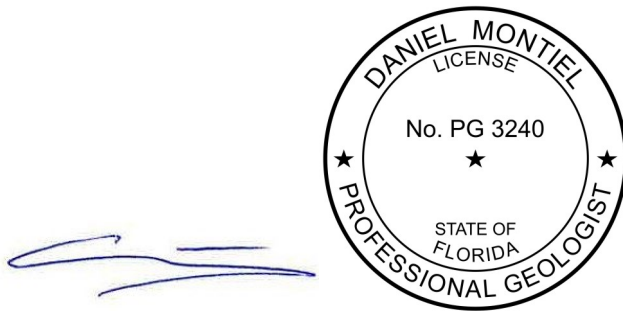
ACRONYMS AND ABBREVIATIONS

AEL	Advanced Environmental Laboratories
CFR	Code of Federal Regulations
COC	Chain of Custody
FAC	Florida Administrative Code
FDEP	Florida Department of Environmental Protection
FDOH	Florida Department of Health
ft BLS	Feet Below Land Surface
ft	Feet
GCTL	Groundwater Cleanup Target Level
HOF	ACMS Heart of Florida Class I Landfill
in	Inches
µg/L	Micrograms per Liter
mg/L	Milligrams per Liter
MPIS	Monitoring Plan Implementation Schedule
N	Nitrogen
NAD83	North American Datum of 1983
NELAC	National Environmental Laboratory Accreditation Conference
NGVD29	National Geodetic Vertical Datum of 1929
NTU	Nephelometric Turbidity Units
ORP	Oxidation Reduction Potential
PDWS	Primary Drinking Water Standards
PQL	Practical Quantitation Limit
PVC	Polyvinyl Chloride
RPD	Relative Percent Difference

SDWS	Secondary Drinking Water Standards
SU	pH Standard Units
TDS	Total Dissolved Solids
TRQW	Technical Reports on Water Quality

REGISTERED PROFESSIONAL GEOLOGIST CERTIFICATION

I hereby certify that I have directed and supervised the field work and preparation of this document, in accordance with State Rules and Regulations. As a registered professional geologist, I certify that I am a qualified groundwater professional, as defined by the Florida State Board of Professional Geologists. All of the information and laboratory data in this document and in all of the attachments are true, accurate, complete, and in accordance with applicable state rules and regulations.



Daniel Montiel, P.G.

Florida Professional Geologist No. 3240

May 1, 2025

Date

1. INTRODUCTION

Geosyntec Consultants, Inc. (Geosyntec), on behalf of ACMS, Inc. a wholly owned subsidiary of Waste Connections, Inc. (WC), is pleased to provide this report for the 1st semi-annual groundwater monitoring event of 2025 for the ACMS Heart of Florida Class I Landfill (HOF) to the Florida Department of Environmental Protection (FDEP). This report summarizes and provides interpretation of the water quality monitoring performed in accordance with the Monitoring Plan Implementation Schedule (MPIS) included in the solid waste operation permit. This monitoring event was performed in accordance with applicable portions of Florida Department of Environmental Protection Permit Number 161263-014-SO-01 with minor modification No. 0161263-025-SO-MM, dated December 16, 2022. The Water Assurance Compliance System (WACS) identification number is 85764. Geosyntec has prepared this report for ACMS, Inc. owner and operator of the HOF facility. A completed water quality certification form (FDEP Form 62-701.900[31]) is included in **Appendix A**.

1.1 Overview

The 1st semi-annual groundwater monitoring event of 2025 was completed January 6 through 8, 2025. FDEP was notified via email correspondence on December 17, 2024 of this monitoring event to satisfy the 14-day advance notice as stipulated in 62-701.510(8)(a) F.A.C.

This report presents the sample locations, sampling procedures, laboratory analyses and results, field data measurements, groundwater level measurements, groundwater flow direction, and surface water quality monitoring. In addition, the current analytical results are compared to applicable FDEP water quality standards promulgated in Chapter 62-777 F.A.C.

1.2 Site Description

The HOF Facility is a Class I landfill located in Section 22 of Township 20 South, Range 22 East, Sumter County, Florida. The facility is located at latitude 28°44' 15" N, longitude 82°05' 30" W, with a street address of 1032 CR 529A, Lake Panasoffkee, Florida. The property is generally bounded by agricultural and commercial properties to the north, east, and south. CSX railroad tracks, County Road 475, and Interstate 75 are located to the west.

Currently, the HOF Facility is permitted to operate Cells 1 through 8 in accordance with FDEP solid waste operation permit No. 161263-014-SO-01 with minor modification No. 0161263-025-SO-MM, dated December 16, 2022. Active disposal operations are currently ongoing in Cells 1 through 6. Construction of Cell 5 of the permitted Cells 5 through 8 expansion area began in late 2022 and waste placement in Cell 5 was initiated on March 13, 2023. Construction of Cell 6 was completed in late August 2023 and actual waste placement within the cell commenced in early October 2023. Cells 1 through 8 have a total disposal area of approximately 119.3 acres, with an average daily load of 5,000 tons per day under normal operating conditions. Cells 1 through 8 have an estimated design disposal capacity of 12,881,000 cubic yards (**Figure 1**). ACMS has been

approved for an expansion of the disposal area to include 19 cells for a total disposal area of 280.3 acres as detailed in solid waste construction renewal permit modification Number 161263-24-SC-01.

The facility has surface water management systems, perimeter swale system, wet detention pond, paved access road, truck loading area, leachate storage tank area, landscape berms, temporary stockpiles and borrow pits under several Environmental Resource Permits. The facility is authorized for the construction of a stormwater management system and associated facilities for the permitted cells 1-8.

2. MONITORING WELL DETAILS

2.1 Well Layout and Construction

A Site Map showing the location of all Site monitoring wells is included as **Figure 1**. Groundwater monitoring wells MW-1A, MW-2A, and MW-10 are installed upgradient of the landfill and monitor background conditions. Monitoring wells MW-4A, MW-4B, MW-5A, MW-6A, MW-6B, MW-7A, MW-7B, MW-8A, and MW-9 are detection wells installed along the perimeter of active Cells 1-4. Background monitoring well MW-10, detection monitoring well MW-11, and temporary monitoring wells TW-01, TW -02, and TW-03 were installed in November 2022 to monitor the future expansion area of Cells 5-8, west of Cells 1-4. Detection monitoring well MW-12 was installed on July 17, 2023 to monitor the expansion area of Cell 6, west of Cells 1-4.

Monitoring wells MW-3A & 3B and temporary wells TW-01, TW-02 and TW-03 were abandoned on November 17, 2023 to begin construction of Cell 7. The monitoring well abandonment report was submitted to the FDEP in December 2023 (MSE Group, LLC, 2023).

Monitoring wells MW-13, MW-15, MW-16, and MW-17 were installed as detection wells beginning on August 12, 2024. Monitoring well MW-13 is located along the perimeter access road west of the Cell 7 leachate sump, while MW-15, MW-16, and MW-17 are located on the north side of future disposal Cell 8. These monitoring wells were installed as part of the Cell 7 disposal unit construction (MSE Group, LLC, 2024).

Monitoring wells were constructed with 2-inch diameter Schedule 40 polyvinyl chloride (PVC) casing and 10 to 15 ft of PVC screen. The PVC well casings were extended approximately 2.5 to 3 ft above the existing ground surface. Surface completion consisted of a protective aluminum casing with a lockable cover set in a concrete pad. Each well was provided with a well cap, padlock, and an identification label. The location of each well, in Florida state plane coordinates and elevation were surveyed by a Florida-registered professional land surveyor. A summary of the monitoring well construction details is presented in **Table 1**.

3. MONITORING WELL SAMPLING

3.1 Sampling Locations and Procedures

Monitoring wells sampled during this event included MW-1A, MW-2A, MW-4A, MW-5A, MW-6A, MW-7A, MW-8A, MW-9, MW-10, MW-11, MW-12, MW-13, MW-15, MW-16, and MW-17. Montrose Environmental Group, Inc. performed this sampling event.

Low-flow sampling techniques were used for groundwater sample collection. All groundwater sampling was performed in accordance with the current applicable FDEP Standard Operating Procedures (DEP-SOP-001-01, April 2018) for groundwater sampling. Additionally, for quality control purposes, one duplicate sample (MW-8A) was collected and analyzed for the same constituents as the monitoring wells. Peristaltic pumps were used to purge and sample all wells. Each monitoring well was purged and sampled using new tubing (silicone and/or high-density polyethylene).

During the purging process, a YSI Pro Quatro water quality meter equipped with a flow-through cell was used to monitor the following field parameters: pH, temperature, conductivity, oxidation-reduction potential (ORP), and dissolved oxygen. Turbidity levels were measured using a LaMotte 2020we turbidimeter. Field parameters were recorded on sample collection forms, which are included in **Appendix B**. When the field parameters stabilized within the acceptable tolerances required by the FDEP SOP, well purging was considered complete, and groundwater samples were collected.

The calibration of the water quality monitoring instruments was checked daily, and the instruments were re-calibrated when necessary. Water quality instrument calibration forms are presented in **Appendix C**. Samples were placed in coolers and packed with bagged ice for transport to the analytical laboratory. Chain-of-custody (COC) forms were completed and accompanied the samples to the analytical laboratory. All COC forms are included with the associated analytical laboratory reports included as **Appendix D**.

3.2 Sample Analyses

Samples were analyzed by Advanced Environmental Laboratories (AEL) in Jacksonville, Florida in accordance with the National Environmental Laboratory Accreditation Conference (NELAC) standards. AEL holds certification from the Florida Department of Health (FDOH) for the analytical test methods used for this project and is certified in the State of Florida for analysis of environmental samples.

Groundwater samples were analyzed by AEL for total ammonia as nitrogen (N), chlorides, nitrate, total dissolved solids (TDS), aluminum, iron, mercury, sodium, and the 40 Code of Federal Regulations (CFR) Part 258 Appendix I parameters. Other required parameters (i.e., pH,

temperature, conductivity, turbidity, ORP, and dissolved oxygen) were measured in the field during collection of the groundwater samples.

4. GROUNDWATER SAMPLING RESULTS

4.1 Field Parameters

Table 2 provides a summary of the field measurements of selected water quality parameters utilized to determine sample stability for this semi-annual monitoring event. The secondary drinking water standard (SDWS) range for pH is 6.5 to 8.5 standard units (SU). The groundwater pH was outside the SDWS at eleven (11) of the site wells sampled during this event with pH values ranging from 4.70 to 7.74 SU. The groundwater pH values measured at the site have historically shown similar values.

4.2 Laboratory Analytical Results

The analytical laboratory results for this groundwater sampling event are included in **Appendix D**. Analytical results have been summarized in **Table 3** to show the parameters where a constituent concentration was reported above the FDEP Groundwater Cleanup Target Level (GCTL), SDWS or primary drinking water standard (PDWS) in at least one monitoring well. Any parameter exceeding the applicable FDEP GCTL, PDWS, or SDWS has been highlighted orange. The following discussion regarding groundwater quality is organized by analytical method and is limited to those parameters where the GCTL PDWS, or SDWS was exceeded in at least one groundwater monitoring well.

4.2.1 Total Metals (Methods 6020B and 6010B)

4.2.1.1 Iron

Iron was reported above the SDWS of 300 µg/L in monitoring wells MW-2A (1,000 µg/L), MW-5A (1,900 µg/L), MW-6A (440 µg/L), MW-7A (9,500 µg/L), MW-8A (6,800 µg/L), MW-10 (700 µg/L), and MW-11 (1,200 µg/L). Iron concentrations at MW-2A, MW-5A, MW-6A, MW-7A, MW-8A, MW-10, and MW-11 are consistent with period of record data and can be considered representative of current conditions.

4.2.2 Benzene

Benzene was reported above the GCTL of 1 µg/L in monitoring wells MW-7A (380 µg/L), MW-8A (25 µg/L), and MW-11 (2 µg/L).

The exceedances at MW-8A and MW-11 are considered anomalous compared to historical data and were resampled for benzene in accordance with 62-701.510(6)(a) F.A.C. to confirm the initial laboratory analytical results. The resampling results at monitoring wells MW-8A and MW-11 indicated benzene concentrations of 38 µg/L and 1.5 µg/L, respectively, confirming the GCTL exceedances above 1 µg/L.

The benzene exceedance observed in monitoring well MW-7A (380 µg/L), although higher than historically, is similar to the concentrations observed since August (60 µg/L) and September of 2024 (300 µg/L). These anomalous benzene concentrations are most likely related to landfill gas migration, compounded by the reduced vadose zone thickness caused by historically high rainfall and resulting record high groundwater elevations during Fall of 2024. This process is likely causing the benzene exceedance observed at MW-8A, located near MW-7A.

During the September 2024 event a methane gas reading of 4% was measured in the well head space of MW-7A using a handheld meter. Immediately after the January 2025 event, on 24 February 2025, a reading of 0.3% was measured at MW-8A and on 28 April 2025 methane was not detected (0%) in MW-7A and MW-8A. This indicates that landfill gas is the likely cause of these benzene exceedances and that benzene concentrations in MW-7A and MW-8A are expected to start decreasing during the Spring months of 2025. Sampling during the next semiannual event in July of 2025, following recovery from the record high groundwater elevations conditions, will confirm whether benzene concentration decrease with a lower groundwater elevation.

4.2.3 Nitrate (Method 300.0)

Nitrate was reported above the GCTL of 10 (mg/L) in monitoring well MW-13 (11 mg/L). The exceedance at MW-13 is considered anomalous compared to historical data and was resampled for nitrate in accordance with 62-701.510(6)(a) F.A.C. to confirm the initial laboratory analytical results.

The resampling result at monitoring well MW-13 indicated a nitrate concentration of 8.2 mg/L, below the GCTL of 10 mg/L. Only one other sample has been collected from MW-13 before January 2025, during the baseline sampling event in August 2024. These baseline results showed a nitrate concentration of 7.1 mg/L (MSE Group, LLC, 2024). Therefore, the observed concentrations of 11 and 8.2 mg/L are similar to the baseline results.

4.2.4 TDS (Method SM 2540C)

TDS concentrations were reported above the SDWS of 500 mg/L in monitoring wells MW-5A (530 mg/L), MW-7A (620 mg/L), and MW-8A (620 mg/L).

TDS concentrations at MW-5A, MW-7A, and MW-8A have historically exceeded the SDWS and are consistent with period of record data and can be considered representative of current conditions.

4.2.5 Toluene

Toluene was reported above the GCTL of 40 µg/L in monitoring well MW-5A (54 µg/L). The exceedance at MW-5A is considered anomalous compared to historical data and was resampled for toluene in accordance with 62-701.510(6)(a) F.A.C. to confirm the initial laboratory analytical results.

The resampling result at monitoring well MW-5A indicated a toluene concentration of 56 µg/L, confirming the GCTL exceedance above 40 µg/L. This result appears to be anomalous compared to historical values as toluene has always been below the laboratory method detection limit (MDL) before the January 2025 sampling event. Continued future sampling events including the next semiannual event in July of 2025 will determine whether these results are a statistical outlier or erroneous.

4.3 Data Validation

All laboratory analyses were performed within the method-specified hold times. One blind duplicate sample was collected during the 1st semi-annual monitoring event for 2025. The duplicate sample was collected concurrently with the sample from monitoring well MW-8A. Results of the duplicate sample are included in **Table 3**. A relative percent difference (RPD) calculation was performed between the original samples and the duplicate samples. The average RPD for the duplicate sample was below ten percent, which indicates a good correlation.

5. GROUNDWATER LEVEL MEASUREMENTS AND FLOW DIRECTION

5.1 Field Measurements

Groundwater level measurements were obtained on January 6, 2025 from all site monitoring wells. The groundwater level measurements were collected within an approximate 8-hr period. **Table 4** contains the groundwater level measurements and calculated groundwater elevations from the monitoring wells and piezometers.

5.2 Water Level Contours

The water level contour maps prepared from groundwater level measurements are presented in **Figure 2**. Overall, the groundwater elevation data collected on January 6, 2025, indicate a north groundwater flow direction across the landfill. Generally, this groundwater flow direction during January 2025 is consistent with the historical groundwater flow patterns.

6. CONCLUSIONS AND RECOMMENDATIONS

The existing monitoring well network is adequate for monitoring purposes, and no changes are recommended.

The detections of benzene, iron, nitrate, TDS, and toluene above the regulatory standards in specific groundwater monitoring wells have been discussed in previous semi-annual water quality monitoring reports and will be addressed in the 2025 Technical Report on Water Quality (TRWQ). Our recommendation is to continue groundwater monitoring as outlined in the current MPIS.

7. REFERENCES

MSE Group, LLC, 2023, Monitoring Well Abandonment Report (MW-3A, MW-3B, TW-01, TW-02 and TW-03).

MSE Group, LLC, 2024, Well Completion and Initial Water Quality Results for MW-13, MW-15, MW-16 and MW-17.

TABLES

Table 1 - Monitoring Well Construction Details
2025 1st Semi-Annual Water Quality Monitoring Event
ACMS Heart of Florida Class I Landfill
Lake Panasoffkee, Florida

Well ID	WACS ID	Monitoring Well Type	Well Diameter (in)	Latitude (NAD 1983)	Longitude (NAD 1983)	TOC Elevation (ft NGVD29)	Total Depth (ft BTOC)	Well Screen Elevation (ft NGVD29)	
								Top	Bottom
MW-1A	27430	Background	2	1600696.39	626758.42	68.85	30.45	53.40	38.40
MW-2A	27431	Background	2	1599216.88	625896.88	63.69	20.42	58.27	43.27
MW-3A	Monitoring Wells Abandoned November 17, 2023								
MW-3B									
MW-4A	27434	Detection	2	1602085.95	625056.82	71.49	35.05	46.44	36.44
MW-4B	27435	Detection	2	1602085.95	625056.82	71.51	50.02	31.49	21.49
MW-5A	27436	Detection	2	1602081.15	625556.79	66.80	31.80	50.00	35.00
MW-6A	27437	Detection	2	1602076.34	626056.77	68.50	30.40	48.10	38.10
MW-6B	27438	Detection	2	1602076.34	626056.77	68.50	43.21	35.29	25.29
MW-7A	27439	Detection	2	1602071.53	626556.75	66.05	25.42	50.63	40.63
MW-7B	27440	Detection	2	1602071.53	626556.75	65.74	39.91	35.83	25.83
MW-8A	27441	Detection	2	1601571.37	626571.94	64.33	25.41	53.92	38.92
MW-9	30790	Detection	2	1600147.10	626753.90	83.42	47.65	50.77	35.77
MW-10	31293	Background	2	1600196.97	624760.20	62.87	23.35	50.00	40.00
MW-11	31294	Detection	2	1600712.26	623188.77	67.30	30.15	47.20	37.20
MW-12	31306	Detection	2	1601112.30	623229.05	68.15	31.50	47.30	37.30
TW-01	Temporary Monitoring Wells Abandoned November 17, 2023								
TW-02									
TW-03									
MW-13	31307	Detection	2	623269.33	1601510.56	67.02	29.36	48.20	37.60
MW-15	31309	Detection	2	623697.10	1602141.86	65.95	28.58	48.00	38.00
MW-16	31310	Detection	2	624145.66	1602164.67	63.30	26.42	47.30	37.30
MW-17	31311	Detection	2	624594.78	1602187.30	68.28	30.47	48.30	38.30

Notes:

in indicates inches

ft indicates feet

NAD 1983 indicates North American Datum 1983, Florida West, Feet.

NGVD29 indicates the National Geodetic Vertical Datum of 1929

TOC indicates Top of Casing

BTOC indicates Below Top of Casing

Total depth measurements collected on January 25, 2023

Table 2 - Groundwater Geochemical Measurements
2025 1st Semi-Annual Water Quality Monitoring Event
 ACMS Heart of Florida Class I Landfill
 Lake Panasoffkee, Florida

Well ID	pH (Standard Units)	Temperature (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)	Oxidation-Reduction Potential (mV)
MW-1A	5.33	24.9	34.9	7.96	2.0	183.9
MW-2A	5.80	20.4	88.4	0.18	2.6	65.6
MW-4A	5.07	24.1	223.4	0.38	3.0	-35.2
MW-5A	6.44	23.5	867.0	0.18	4.0	-232.3
MW-5A (Confirmation)	6.55	23.4	806.0	0.10	5.3	-163.9
MW-6A	5.49	24.9	330.9	0.31	5.9	-175.0
MW-7A	6.46	25.6	1033	0.26	1.1	-95.7
MW-8A	6.19	25.2	1082	0.19	1.8	-100.7
MW-8A (Confirmation)	5.86	23.4	1646	0.16	1.5	-91.9
MW-9	7.74	25.7	265.7	3.77	9.2	96.4
MW-10	6.00	21.4	162.6	0.12	1.1	71.0
MW-11	6.04	24.8	333.1	0.25	3.1	33.8
MW-11 (Confirmation)	5.82	24.5	215.7	0.28	2.4	57.6
MW-12	4.70	23.8	146.3	0.41	0.4	219.3
MW-13	4.92	24.3	156.8	4.27	1.2	200.8
MW-13 (Confirmation)	4.92	23.6	145.1	4.48	2.7	201.9
MW-15	7.36	23.1	147.9	4.78	1.0	119.5
MW-16	7.25	23.4	244.7	2.15	3.0	20.6
MW-17	7.54	22.8	231.9	3.24	4.7	145.2

Notes:

Reported value outside the applicable SDWS range

°C indicates degrees Celsius

µS/cm indicates microsiemens per centimeter

mg/L indicates milligrams per liter

NTU indicates Nephelometric Turbidity Unit

mV indicates milivolts

Table 3 - Summary of Grondwater Analytical Data
2025 1st Semi-Annual Water Quality Monitoring Event
 ACMS Heart of Florida Class I Landfill
 Lake Panasoffkee, Florida

Well ID	Benzene		Iron		Nitrate		TDS		Toluene	
	PDWS (µg/L)		SDWS (µg/L)		PDWS (mg/L)		SDWS (mg/L)		GCTL (µg/L)	
	1		300		10		500		40	
MW-1A	0.25	U	200	U	0.46	I	140		0.25	U
MW-2A	0.25	U	1000		0.45	I	75		0.25	U
MW-4A	0.25	U	300	I	0.21	I	120		0.25	U
MW-5A	0.25	U	1900		1.00	U	530		54	
MW-5A Confirmation									56	
MW-6A	0.25	U	440		0.20	U	190		0.25	U
MW-7A	380		9500		1.20	I	620		0.25	U
MW-8A	25		6800		1.30	I	620		0.25	U
MW-8A (DUP)	24		7000		1.30	I	610		0.25	U
MW-8A Confirmation	38									
MW-9	0.25	U	200	U	0.21	I	46		0.25	U
MW-10	0.25	U	700		0.20	U	90		0.25	U
MW-11	2.0		1200		0.36	I	22		0.25	U
MW-11 Confirmation	1.5									
MW-12	0.25	U	200	U	5.0		210		0.25	U
MW-13	0.25	U	200	U	11		90		0.25	U
MW-13 Confirmation					8.2					
MW-15	0.25	U	200	U	0.63	I	97		0.25	U
MW-16	0.25	U	200	U	0.24	I	130		1.1	
MW-17	0.25	U	200	U	0.77	I	120		0.25	U

Notes:

Reported value exceeds the applicable GCTL, PDWS, or SDWS

U indicates the sample was analyzed but not detected above the laboratory method detection limit (MDL)

I indicates reported value is between the laboratory MDL and the laboratory practical quantitation limit

GCTL indicates Groundwater Cleanup Target Level

PDWS indicates Primary Drinking Water Standard

SDWS indicates Secondary Drinking Water Standard

Table 4 - Summary of Grondwater Elevation Measurements
2025 1st Semi-Annual Water Quality Monitoring Event
ACMS Heart of Florida Class I Landfill
Lake Panasoffkee, Florida

Well ID	Time	Top of Casing Elevation (ft NGVD29)	Total Well Depth BTOC (ft)	Depth to Water BTOC (ft)	Water Elevation (ft NGVD29)
MW-1A	14:20	68.85	30.45	20.90	47.95
MW-2A	13:55	63.69	20.43	11.02	52.67
MW-4A	15:05	71.49	34.59	25.88	45.61
MW-4B	15:05	71.51	49.99	25.87	45.64
MW-5A	15:10	66.80	30.93	21.24	45.56
MW-6A	15:20	68.50	30.40	22.95	45.55
MW-6B	15:20	68.50	43.17	22.89	45.61
MW-7A	14:30	66.05	25.44	20.50	45.55
MW-7B	14:35	65.74	39.92	20.14	45.60
MW-8A	14:25	64.33	25.39	18.54	45.79
MW-9	14:07	83.42	47.65	35.06	48.36
MW-10	13:40	62.87	23.35	13.23	49.64
MW-11	13:30	67.30	30.15	21.56	45.74
MW-12	13:20	68.15	31.47	22.14	46.01
MW-13	13:15	67.02	29.36	19.78	47.24
MW-15	13:05	65.95	28.58	19.25	46.70
MW-16	12:55	63.30	26.42	16.71	46.59
MW-17	14:55	68.28	30.47	21.88	46.40
TW-01	Abandoned on November 17, 2023				
TW-02	Abandoned on November 17, 2023				
TW-03	Abandoned on November 17, 2023				

Notes:

ft indicates feet

BTOC indicates Below Top of Casing

TOC indicates Top of Casing

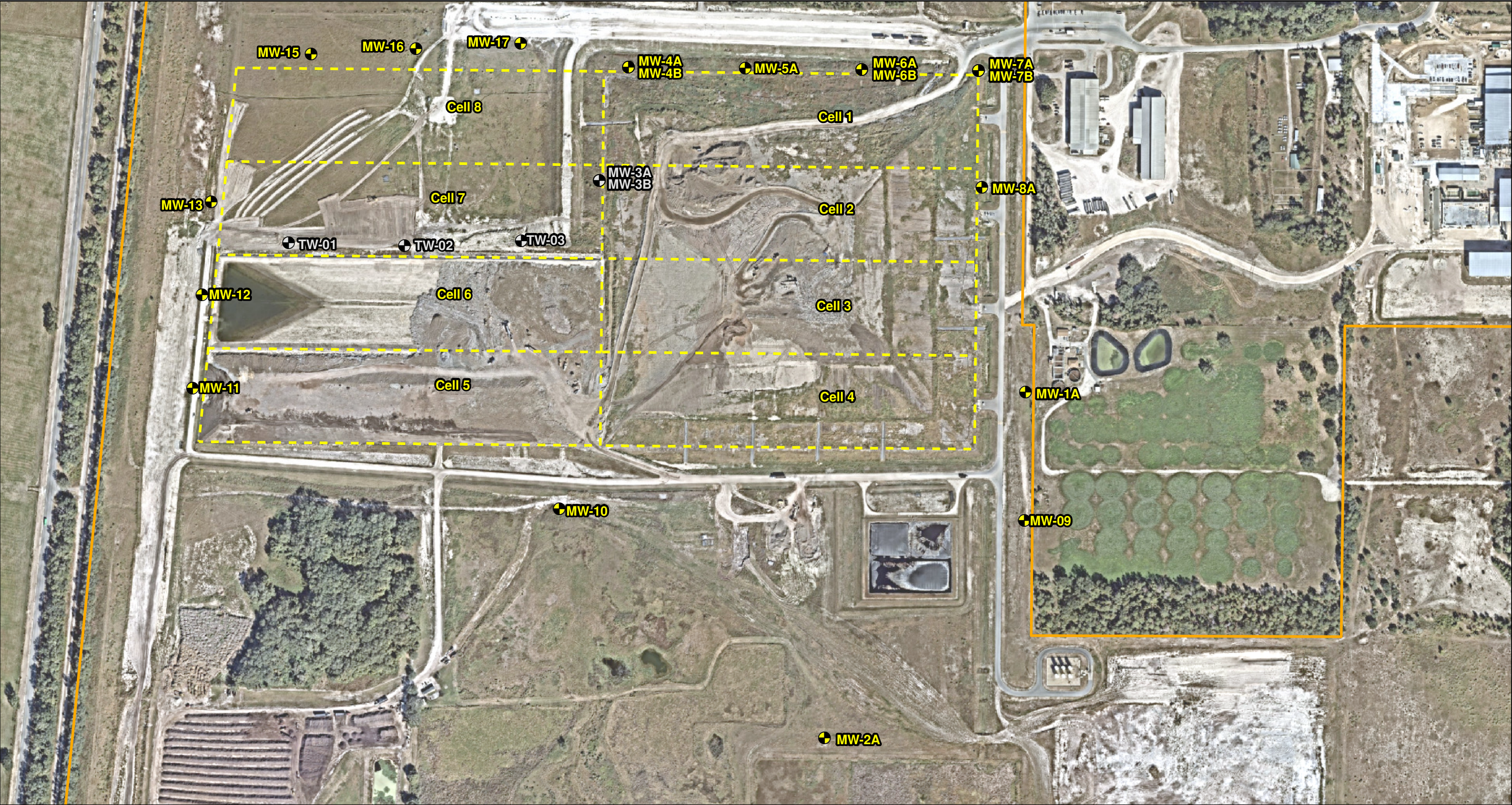
NGVD29 indicates the National Geodetic Vertical Datum of 1929

Well caps were removed and well given time to stabilize prior to taking measurements

Total depth measurements collected on January 25, 2023

Water level measurements collected on January 6, 2025

FIGURES



Legend

- Abandoned Monitoring Well
- Monitoring Well
- Landfill Cell Boundary
- HOF Landfill Boundary

Note:
Aerial photograph Source: Nearmap, HERE; captured 5 November 2023.

Path: [Titusville-01\DATA] \Titusville-01\DATA\OGIS\FL3850_HOF_Landfill\MXDs\202502\WellLocationMap_202502_nolnset.mxd 30 April 2025. Last Edited by: MHensley



Site Map

HOF Landfill Facility
Lake Panasoffkee, FL

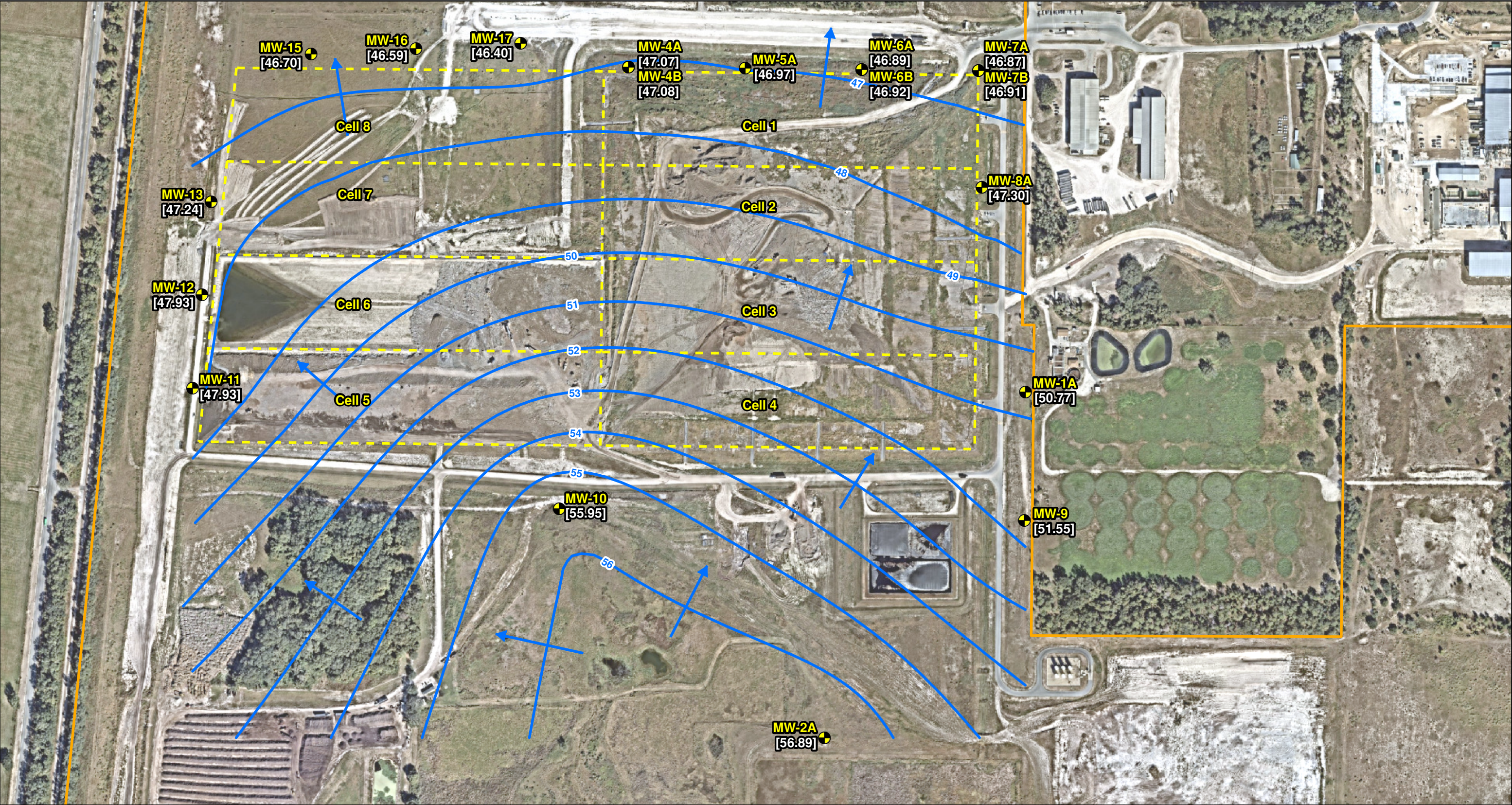
Geosyntec
consultants

Clearwater, FL

April 2025

Figure

1



Legend

-  Monitoring Well
-  Groundwater Elevation Contour (Dashed where Inferred)
-  Groundwater Flow Direction
-  Landfill Cell Boundary
-  HOF Landfill Boundary
-  [49.64] Groundwater Elevation (ft NGVD29)

Notes:
1. Groundwater elevations are provided in feet (ft) National Geodetic Vertical Datum of 1929 (NGVD29).
2. * indicates value not used to generate contours.
3. Aerial photograph Source: Nearmap, HERE; captured 5 November 2023.



0 400 Feet

**Groundwater Elevation Contour Map
6 January 2025**

HOF Landfill Facility
Lake Panasoffkee, FL

Geosyntec
consultants

Clearwater, FL

April 2025

Figure

2

APPENDIX A
Water Quality Monitoring Certification
FDEP Form 62-701.900(31)



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

DEP Form #: 62-701.900(31), F.A.C.

Form Title: Water Quality Monitoring Certification

Effective Date: January 6, 2010

Incorporated in Rule 62-701.510(9), F.A.C.

WATER QUALITY MONITORING CERTIFICATION

PART I GENERAL INFORMATION

(1) Facility Name ACMS Heart of Florida Class I Landfill
Address 1032 CR 529A
City Lake Panasoffkee Zip 33538 County Sumter
Telephone Number (352) 569-0465
(2) WACS Facility ID 85764
(3) DEP Permit Number 161263-014-SO-01
(4) Authorized Representative's Name DON GRIGG Title ENGINEER
Address 605 Crescent Executive Court, Suite 340
City LAKE MARY Zip 32746 County SUMTER
Telephone Number (904) 252-7020
Email address (if available) Don.Grigg@WasteConnections.com

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submission of false information including the possibility of fine and imprisonment.

4/29/2025

(Date)

(Owner or Authorized Representative's Signature)

PART II QUALITY ASSURANCE REQUIREMENTS

Sampling Organization MSE Group, LLC
Analytical Lab NELAC / HRS Certification # E53076
Lab Name ADVANCED ENVIRONMENTAL LABORATORIES, INC.
Address 6681 SOUTHPOINT PARKWAY
Phone Number (904) 363-9350
Email address (if available) cm Myers@aellab.com

APPENDIX B

Monitoring Well Sampling Logs

SITE NAME: ACMS Inc., Heart of Florida Landfill (WACS 85764)		SITE LOCATION: 1032 C.R. 529A, Lake Panasoffkee, FL	
WELL NO: MW-1A	SAMPLE ID: MW-1A	DATE: 1-7-25	

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 15.4 ft to 30.4 ft	STATIC DEPTH TO WATER (feet): 18.29	PURGE PUMP TYPE OR BAILER: peristaltic
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)				
$= (30.45 \text{ feet} - 18.29 \text{ feet}) \times 0.16 \text{ gallons/foot} = 2 \text{ gallons}$				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)				
$= 0 \text{ gallons} + (0.0014 \text{ gallons/foot} \times \text{feet}) + 0.12 \text{ gallons} = \text{gallons}$				

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLED BY (PRINT) / AFFILIATION: Joe Terry/Montrose				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 1036		SAMPLING ENDED AT: 1043	
PUMP OR TUBING DEPTH IN WELL (feet): 241				TUBING MATERIAL CODE: HDPE			FIELD-FILTERED: N		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP No TUBING No (replaced)							DUPLICATE: Y (N)			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME (mL)	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-1A	2	CG	40	0	0		VOC	APP	350	
↓	1	CG	40	HCL	0		VOC	APP	↓	
	1	PE	500	0	0		Cl, NO ₃ , TDS	APP		
	1	PE	250	HNO ₃	0		6010 Metals	APP		
	1	PE	250	HNO ₃	0		6020 Metals	APP		
MW-1A	1	PE	250	H ₂ SO ₄	0		NH ₃	APP	350	

Weather: Sunny, 40°F, N. Wind Checked pH w/ 7.00 std. Meter result 7.10 SU

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $+0.2$ mg/L or $+10\%$ (whichever is greater) **Turbidity:** all readings < 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: ACMS Inc., Heart of Florida Landfill (WACS 85764)		SITE LOCATION: 1032 C.R. 529A, Lake Panasoffkee, FL	
WELL NO: MW-2A	SAMPLE ID: MW-2A	DATE: 1-7-25	

PURGING DATA

WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/16		WELL SCREEN INTERVAL DEPTH: 5.4 ft to 20.4 ft		STATIC DEPTH TO WATER (feet): 6.90		PURGE PUMP TYPE OR BAILER: peristaltic			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) $= (20.43 \text{ feet} - 6.90 \text{ feet}) \times 0.16 \text{ gallons/foot} = 2.2 \text{ gallons}$											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= 0 \text{ gallons} + (0.0014 \text{ gallons/foot} \times \text{feet}) + 0.12 \text{ gallons} = \text{gallons}$											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14			FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14			PURGING INITIATED AT: 0725		PURGING ENDED AT: 0815		TOTAL VOLUME PURGED (gallons): 5	
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
0750	2.5	2.5	0.1	7.00	5.81	20.6	98.7	0.15	4.6	80.8	clear
0757	0.7	3.2	0.1	7.00	5.81	20.5	88.3	0.15	2.4	69.4	clear
0805	0.8	4	0.1	7.00	5.82	20.4	88.2	0.15	2.6	65.4	clear
0815	1	5	0.1	7.00	5.80	20.4	88.4	0.18	2.6	65.6	clear
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016											
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Joe Terry/Montrose				SAMPLER(S) SIGNATURE(S): <i>Joe Terry</i>			SAMPLING INITIATED AT: <i>0815</i>		SAMPLING ENDED AT: <i>0820</i>	
PUMP OR TUBING DEPTH IN WELL (feet): <i>24</i>				TUBING MATERIAL CODE: HDPE			FIELD-FILTERED: <i>N</i>		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP No TUBING No (replaced)							DUPLICATE: Y <i>(N)</i>			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME (mL)	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
<i>MW-24</i>	2	CG	40	0	0		VOC	APP	<i>400</i>	
<i>↓</i>	1	CG	40	HCL	0		VOC	APP	<i>↓</i>	
<i>↓</i>	1	PE	500	0	0		Cl, NO ₃ , TDS	APP	<i>↓</i>	
<i>↓</i>	1	PE	250	HNO ₃	0		6010 Metals	APP	<i>↓</i>	
<i>↓</i>	1	PE	250	HNO ₃	0		6020 Metals	APP	<i>↓</i>	
<i>MW-24</i>	1	PE	250	H ₂ SO ₄	0		NH ₃	APP	<i>400</i>	
REMARKS: Odor: <i>none</i>										
Weather: <i>cloudy, 35°F, N 8 mph</i>										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; RPPP = Reverse Flow Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $+0.2$ mg/L or $+10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

SITE NAME: ACMS Inc., Heart of Florida Landfill (WACS 85764)		SITE LOCATION: 1032 C.R. 529A, Lake Panasoffkee, FL	
WELL NO: MW-4A	SAMPLE ID: MW-4A	DATE: 1-8-25	

WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/16		WELL SCREEN INTERVAL DEPTH: 24.5 ft to 34.5 ft		STATIC DEPTH TO WATER (feet): 24.58		PURGE PUMP TYPE OR BAILER: peristaltic			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (34.59 feet - 24.58 feet) X 0.16 gallons/foot = 1.6 gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = 0 gallons + (0.0014 gallons/foot X feet) + 0.12 gallons = gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30			FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30			PURGING INITIATED AT: 0755		PURGING ENDED AT: 0830		TOTAL VOLUME PURGED (gallons): 2.8	
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
0815	1.6	1.6	0.08	24.62	5.05	24.0	219.8	0.39	2.8	-34.9	clear
0820	0.4	2	0.08	24.62	5.06	24.0	219.7	0.39	2.7	-34.8	clear
0825	0.4	2.4	0.08	24.62	5.05	24.1	221.4	0.39	2.8	-34.6	clear
0830	0.4	2.8	0.08	24.62	5.07	24.1	223.4	0.38	3.0	-35.2	clear
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016											
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLED BY (PRINT) / AFFILIATION: Joe Terry/Montrose				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 0830		SAMPLING ENDED AT: 0840	
PUMP OR TUBING DEPTH IN WELL (feet): 30				TUBING MATERIAL CODE: HDPE			FIELD-FILTERED: N		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP No TUBING No (replaced)							DUPLICATE: Y (N)			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME (mL)	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-44	2	CG	40	0	0		VOC	APP	300	
↓	1	CG	40	HCL	0		VOC	APP	↓	
	1	PE	500	0	0		Cl, NO ₃ , TDS	APP		
	1	PE	250	HNO ₃	0		6010 Metals	APP		
	1	PE	250	HNO ₃	0		6020 Metals	APP		
MW-44	1	PE	250	H ₂ SO ₄	0		NH ₃	APP	300	
REMARKS: Odor: none										
Weather: p. cloudy, 35°F										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $+0.2$ mg/L or $+10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

SITE NAME: ACMS Inc., Heart of Florida Landfill (WACS 85764)		SITE LOCATION: 1032 C.R. 529A, Lake Parasoffkee, FL	
WELL NO: MW-5A	SAMPLE ID: MW-5A	DATE: 1-8-25	

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 16.8 ft to 32.5 ft	STATIC DEPTH TO WATER (feet): 19.99	PURGE PUMP TYPE OR BAILER: peristaltic
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(only fill out if applicable) $= (30.93 \text{ feet} - 19.99 \text{ feet}) \times 0.16 \text{ gallons/foot} = 1.8 \text{ gallons}$

EQUIPMENT VOLUME PURGE:	1 EQUIPMENT VOL.	=	PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)		=	0 gallons + (0.0014 gallons/foot X feet) + 0.12 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25	PURGING INITIATED AT: 0900	PURGING ENDED AT: 0935	TOTAL VOLUME PURGED (gallons): 3.5
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WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLED BY (PRINT) / AFFILIATION: Joe Terry/Montrose	SAMPLER(S) SIGNATURE(S): 	SAMPLING INITIATED AT: 0935	SAMPLING ENDED AT: 0945
---	---	-----------------------------	-------------------------

PUMP OR TUBING DEPTH IN WELL (feet):	25	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: ☒ Filtration Equipment Type:	1755 177	FILTER SIZE: _____ μ m
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FIELD DECONTAMINATION:	PUMP	No	TUBING	No (replaced)	DUPLICATE:	Y	N
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REMARKS: Odor: none

Weather: p. cloudy, 38°F

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $+0.2$ mg/L or $+10\%$ (whichever is greater) **Turbidity:** all readings < 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

SITE NAME: ACMS Inc., Heart of Florida Landfill (WACS 85764)		SITE LOCATION: 1032 C.R. 529A, Lake Panasoffkee, FL	
WELL NO: MW-6A	SAMPLE ID: MW-6A	DATE: 1-8-25	

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 30.4 ft to 30.4 ft	STATIC DEPTH TO WATER (feet): 21.74	PURGE PUMP TYPE OR BAILER: peristaltic
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(only fill out if applicable)

(Only fill out if applicable) $= (30.4 \text{ feet} - 21.74 \text{ feet}) \times 0.16 \text{ gallons/foot} = 1.4 \text{ gallons}$

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME

$$\text{EQUIPMENT VOLUME (GALLONS)} + \text{EQUIPMENT VOL.} \times \text{FOAM VOLUME} \times (\text{FOAMING CAPACITY}) \times \text{FOAMING LENGTH} \div \text{FLOW CELL VOLUME}$$

(only fill out if applicable)

$$= 0 \text{ gallons} + (0.0014 \text{ gallons/foot} \times \text{feet}) + 0.12 \text{ gallons} = \text{gallons}$$

INITIAL PUMP OR TUBING
DEPTH IN WELL (feet):

FINAL PUMP OR TUBING
DEPTH IN WELL (feet):

PURGING
INITIATED AT: 10125

PURGING
ENDED AT: 10410

TOTAL VOLUME
PURGED (gallons): 2.8

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLED BY (PRINT) / AFFILIATION: Joe Terry/Montrose	SAMPLER(S) SIGNATURE(S): 	SAMPLING INITIATED AT: 1048	SAMPLING ENDED AT: 1050
---	---	--------------------------------	----------------------------

PUMP OR TUBING
DEPTH IN WELL (feet):

TUBING
MATERIAL CODE: HDPE

FILTERED: *N*

TER SIZE: _____ μm

FIELD DECONTAMINATION

PLIM

TURING M

DUPPLICATE:

(M)

SAMPLE CONTAINER SPECIFICATION

SAMPLE PRESERVATION (including wet ice)

REMARKS: Odor: *none*

Weather: Sunny 45°F

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer, **BP** = Bladder Pump; **ESP** = Electric Submersible Pump;
 RFPP = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally $+5$ NTU or $\pm 10\%$ (whichever is greater)

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: ACMS Inc., Heart of Florida Landfill (WACS 85764)		SITE LOCATION: 1032 C.R. 529A, Lake Panasoffkee, FL	
WELL NO: MW-7A	SAMPLE ID: MW-7A	DATE: 1-8-25	

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Joe Terry/Montrose				SAMPLER(S) SIGNATURE(S): <i>Joe Terry</i>			SAMPLING INITIATED AT: 1200		SAMPLING ENDED AT: 1210	
PUMP OR TUBING DEPTH IN WELL (feet): 23				TUBING MATERIAL CODE: HDPE			FIELD-FILTERED: N Filtration Equipment Type:		FILTER SIZE: ____ µm	
FIELD DECONTAMINATION: PUMP No TUBING No (replaced)							DUPLICATE: Y (N)			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME (mL)	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
mw-7A	2	CG	40	0	0		VOC		APP	225
	1	CG	40	HCL	0		VOC		APP	
	1	PE	500	0	0		Cl, NO ₃ , TDS		APP	
	1	PE	250	HNO ₃	0		6010 Metals		APP	
	1	PE	250	HNO ₃	0		6020 Metals		APP	
mw-7A	1	PE	250	H ₂ SO ₄	0		NH ₃		APP	225
REMARKS: Odor: none										
Weather: sunny, 51°F, N 8 mph										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $+0.2$ mg/L or $+10\%$ (whichever is greater) **Turbidity:** all readings < 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

SITE NAME: ACMS Inc., Heart of Florida Landfill (WACS 85764)		SITE LOCATION: 1032 C.R. 529A, Lake Panasoffkee, FL	
WELL NO: MW-8A	SAMPLE ID: MW-8A	DATE: 1-8-25	

WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/16		WELL SCREEN INTERVAL DEPTH: 10.4 ft to 25.4 ft		STATIC DEPTH TO WATER (feet): 17.16		PURGE PUMP TYPE OR BAILER: peristaltic			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (25.4 feet - 17.16 feet) X 0.16 gallons/foot = 1.3 gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = 0 gallons + (0.0014 gallons/foot X feet) + 0.12 gallons = gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 22			FINAL PUMP OR TUBING DEPTH IN WELL (feet): 22			PURGING INITIATED AT: 1230		PURGING ENDED AT: 1320		TOTAL VOLUME PURGED (gallons): 3.3	
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1255	1.5	1.5	0.06	17.68	6.18	25.1	1085	0.17	2.1	-94.2	clear
1300	0.6	2.1	0.06	17.68	6.17	25.1	1083	0.18	1.9	-96.1	clear
1310	0.6	2.7	0.06	17.68	6.18	25.1	1084	0.19	1.9	-98.7	clear
1320	0.6	3.3	0.06	17.68	6.19	25.2	1082	0.19	1.8	-100.7	clear
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016											
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLED BY (PRINT) / AFFILIATION: Joe Terry/Montrose				SAMPLER(S) SIGNATURE(S): <i>Joe Terry</i>			SAMPLING INITIATED AT: 1320		SAMPLING ENDED AT: 1337	
PUMP OR TUBING DEPTH IN WELL (feet): 22				TUBING MATERIAL CODE: HDPE			FIELD-FILTERED: N		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP No				TUBING No (replaced)			DUPLICATE: (Y) N		Dup	
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME (mL)	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			SAMPLE PUMP FLOW RATE (mL per minute)	
MW-8A	2 4	CG	40	0	0		VOC		APP 225	
	1 2	CG	40	HCL	0		VOC		APP	
	1 2	PE	500	0	0		Cl, NO ₃ , TDS		APP	
	1 2	PE	250	HNO ₃	0		6010 Metals		APP	
	1 2	PE	250	HNO ₃	0		6020 Metals		APP	
MW-8A	1 2	PE	250	H ₂ SO ₄	0		NH ₃		APP 225	
	(9)									
REMARKS: Odd.										
Weather: Sunny, 54°F, N Breeze collected dupl. rate sample										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; RFPF = Reverse Flow Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

Revision Date: January 2017

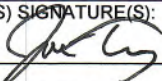
DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: ACMS Inc., Heart of Florida Landfill (WACS 85764)		SITE LOCATION: 1032 C.R. 529A, Lake Panasoffkee, FL	
WELL NO: MW-9	SAMPLE ID: MW-9	DATE: 1-7-25	

PURGING DATA

WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/8		WELL SCREEN INTERVAL DEPTH: 32.5ft to 47.5ft		STATIC DEPTH TO WATER (feet): 31.99		PURGE PUMP TYPE OR BAILER: ESP			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (47.65 feet - 31.99 feet) X 0.16 gallons/foot = 2.5 gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = 0 gallons + (0.006 gallons/foot X feet) + 0.12 gallons = gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 40			FINAL PUMP OR TUBING DEPTH IN WELL (feet): 40			PURGING INITIATED AT: 0845		PURGING ENDED AT: 0930		TOTAL VOLUME PURGED (gallons): 13.5	
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
0905	6	6	0.3	32.39	7.72	25.6	269.6	3.78	22.4	89.1	clear
0915	3	9	0.3	32.39	7.74	25.7	265.8	3.79	10.9	95.3	clear
0925	3	12	0.3	32.39	7.73	25.6	265.8	3.78	9.3	96.3	clear
0930	1.5	13.5	0.3	32.39	7.74	25.7	265.7	3.77	9.2	96.4	clear
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016											
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Joe Terry/Montrose				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 0930		SAMPLING ENDED AT: 0935	
PUMP OR TUBING DEPTH IN WELL (feet): 40				TUBING MATERIAL CODE: HDPE			FIELD-FILTERED: N Filtration Equipment Type:		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP Yes				TUBING No (replaced)			DUPLICATE: Y ☒			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME (mL)	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-9	2	CG	40	0	0		VOC		ESP	350
↓	1	CG	40	HCL	0		VOC		ESP	↓
	1	PE	500	0	0		Cl, NO ₃ , TDS		ESP	
	1	PE	250	HNO ₃	0		6010 Metals		ESP	
	1	PE	250	HNO ₃	0		6020 Metals		ESP	
MW-9	1	PE	250	H ₂ SO ₄	0		NH ₃		ESP	350
REMARKS: Odor: none										
Weather: m. sunny, 38°F, N 9 mph										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $+0.2$ mg/L or $+10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

SITE NAME: ACMS Inc., Heart of Florida Landfill (WACS 85764)		SITE LOCATION: 1032 C.R. 529A, Lake Panasoffkee, FL	
WELL NO: MW-10	SAMPLE ID: MW-10	DATE: 1-7-25	

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 13 ft to 23 ft	STATIC DEPTH TO WATER (feet): 7.02	PURGE PUMP TYPE OR BAILER: peristaltic
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(only fill out if applicable)

= (feet – feet) X 0.16 gallons/foot = gallons

$$= 0 \text{ gallons} + (0.0014 \text{ gallons/foot} \times 35 \text{ feet}) + 0.12 \text{ gallons} = 0.2 \text{ gallons}$$

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 18	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 18	PURGING INITIATED AT: 0620	PURGING ENDED AT: 0700	TOTAL VOLUME PURGED (gallons): 4
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WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88									
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016									

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

Revision Date: January 2017

SITE NAME: ACMS Inc., Heart of Florida Landfill (WACS 85764)		SITE LOCATION: 1032 C.R. 529A, Lake Panasoffkee, FL	
WELL NO: MW-11	SAMPLE ID: MW-11		DATE: 1-7-25

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 30 ft to 30 ft	STATIC DEPTH TO WATER (feet): 19.49	PURGE PUMP TYPE OR BAILER: peristaltic
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WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY

(only fill out if applicable)

$$= (30.15 \text{ feet} - 19.49 \text{ feet}) \times 0.16 \text{ gallons/foot} = 1.7 \text{ gallons}$$

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME

(only fill out if applicable)

= 0 gallons + (0.0014 gallons/foot X feet) + 0.12 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25	PURGING INITIATED AT: 1100	PURGING ENDED AT: 1140	TOTAL VOLUME PURGED (gallons): 3.2
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WELL CAPACITY (Gallons Per Foot):	0.75" = 0.02;	1" = 0.04;	1.25" = 0.06;	2" = 0.16;	3" = 0.37;	4" = 0.65;	5" = 1.02;	6" = 1.47;	12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.):	1/8" = 0.0006;	3/16" = 0.0014;	1/4" = 0.0026;	5/16" = 0.004;	3/8" = 0.006;	1/2" = 0.010;	5/8" = 0.016		

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLED BY (PRINT) / AFFILIATION: Joe Terry/Montrose	SAMPLER(S) SIGNATURE(S): 	SAMPLING INITIATED AT: 1140	SAMPLING ENDED AT: 1150
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PUMP OR TUBING DEPTH IN WELL (feet): 25	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: N Filtration Equipment Type:	FILTER SIZE: _____ µm
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FIELD DECONTAMINATION:	PUMP	No	TUBING	No (replaced)	DUPLICATE:	Y	☒
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[illegible]REMARKS: Odor: none

Weather: sunny, 44°F, N9 mph

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $+0.2$ mg/L or $+10\%$ (whichever is greater) **Turbidity:** all readings < 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

SITE NAME: ACMS Inc., Heart of Florida Landfill (WACS 85764)		SITE LOCATION: 1032 C.R. 529A, Lake Panasoffkee, FL	
WELL NO: MW-12	SAMPLE ID: MW-12	DATE: 1-7-25	

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 21 ft to 31 ft	STATIC DEPTH TO WATER (feet): 20.31	PURGE PUMP TYPE OR BAILER: peristaltic
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$$= (31.47 \text{ feet} - 20.31 \text{ feet}) \times 0.16 \text{ gallons/foot} = 1.8 \text{ gallons}$$

(only fill out if applicable)

= 0 gallons + (0.0014 gallons/foot X feet) + 0.12 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 26	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26	PURGING INITIATED AT: 1110	PURGING ENDED AT: 1235	TOTAL VOLUME PURGED (gallons): 5.1
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WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

Revision Date: January 2017

SITE NAME: ACMS Inc., Heart of Florida Landfill (WACS 85764)		SITE LOCATION: 1032 C.R. 529A, Lake Panasoffkee, FL	
WELL NO: MW-13	SAMPLE ID: MW-13	DATE: 1-7-25	

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 19 ft to 29 ft	STATIC DEPTH TO WATER (feet): 19.85	PURGE PUMP TYPE OR BAILER: peristaltic
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) $= (29.36 \text{ feet} - 19.85 \text{ feet}) \times 0.16 \text{ gallons/foot} = 1.5 \text{ gallons}$				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= 0 \text{ gallons} + (0.0014 \text{ gallons/foot} \times \text{feet}) + 0.12 \text{ gallons} = \text{gallons}$				

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLED BY (PRINT) / AFFILIATION: Joe Terry/Montrose				SAMPLER(S) SIGNATURE(S): <i>Joe Terry</i>			SAMPLING INITIATED AT: <i>1315</i>		SAMPLING ENDED AT: <i>1325</i>	
PUMP OR TUBING DEPTH IN WELL (feet): <i>25</i>				TUBING MATERIAL CODE: HDPE			FIELD-FILTERED: <i>N</i>		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP No TUBING No (replaced)							DUPLICATE: Y <i>(N)</i>			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME (mL)	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
<i>MW-13</i>	<i>2</i>	<i>CG</i>	<i>40</i>	<i>0</i>	<i>0</i>		<i>VOC</i>	<i>APP</i>	<i>275</i>	
<i>↓</i>	<i>1</i>	<i>CG</i>	<i>40</i>	<i>HCL</i>	<i>0</i>		<i>VOC</i>	<i>APP</i>	<i>↓</i>	
	<i>1</i>	<i>PE</i>	<i>500</i>	<i>0</i>	<i>0</i>		<i>Cl, NO₃, TDS</i>	<i>APP</i>		
	<i>1</i>	<i>PE</i>	<i>250</i>	<i>HNO₃</i>	<i>0</i>		<i>6010 Metals</i>	<i>APP</i>		
<i>↓</i>	<i>1</i>	<i>PE</i>	<i>250</i>	<i>HNO₃</i>	<i>0</i>		<i>6020 Metals</i>	<i>APP</i>	<i>↓</i>	
<i>MW-13</i>	<i>1</i>	<i>PE</i>	<i>250</i>	<i>H₂SO₄</i>	<i>0</i>		<i>NH₃</i>	<i>APP</i>	<i>275</i>	

REMARKS: Odor: none

Weather: p. cloudy, 48°F, N 9 mph

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene;
S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings < 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

SITE NAME: ACMS Inc., Heart of Florida Landfill (WACS 85764)		SITE LOCATION: 1032 C.R. 529A, Lake Panasoffkee, FL	
WELL NO: MW-15	SAMPLE ID: MW-15	DATE: 1-7-25	

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 18 ft to 28 ft	STATIC DEPTH TO WATER (feet): 19.35	PURGE PUMP TYPE OR BAILER: peristaltic
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) $= (28.58 \text{ feet} - 19.35 \text{ feet}) \times 0.16 \text{ gallons/foot} = 1.5 \text{ gallons}$				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= 0 \text{ gallons} + (0.0014 \text{ gallons/foot} \times \text{feet}) + 0.12 \text{ gallons} = \text{gallons}$				

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016									
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)									

[illegible]

Weather: Msunny, 51°F, NBnd

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $+0.2$ mg/L or $+10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

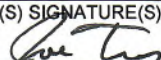
DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: ACMS Inc., Heart of Florida Landfill (WACS 85764)		SITE LOCATION: 1032 C.R. 529A, Lake Panasoffkee, FL	
WELL NO: MW-16	SAMPLE ID: MW-16	DATE: 1-7-25	

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Joe Terry/Montrose				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 1410		SAMPLING ENDED AT: 1420	
PUMP OR TUBING DEPTH IN WELL (feet): 22				TUBING MATERIAL CODE: HDPE			FIELD-FILTERED: N Filtration Equipment Type:		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP No				TUBING No (replaced)			DUPLICATE: Y		N	
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME (mL)	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			SAMPLE PUMP FLOW RATE (mL per minute)	
MW-16	2	CG	40	0	0		VOC		APP	300
↓	1	CG	40	HCL	0		VOC		APP	↓
	1	PE	500	0	0		Cl, NO ₃ , TDS		APP	
	1	PE	250	HNO ₃	0		6010 Metals		APP	
	1	PE	250	HNO ₃	0		6020 Metals		APP	
MW-16	1	PE	250	H ₂ SO ₄	0		NH ₃		APP	300
REMARKS: Odor: none										
Weather: n. sunny, 51°F, N 8 mph										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; RFPF = Reverse Flow Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $+0.2$ mg/L or $+10\%$ (whichever is greater) **Turbidity:** all readings < 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: ACMS Inc., Heart of Florida Landfill (WAGS 85764)		SITE LOCATION: 1032 C.R. 529A, Lake Panasoffkee, FL	
WELL NO: MW-17	SAMPLE ID: MW-17	DATE: 1-8-25	

PURGING DATA

WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/16		WELL SCREEN INTERVAL DEPTH: 20 ft to 30 ft		STATIC DEPTH TO WATER (feet): 22.00		PURGE PUMP TYPE OR BAILER: peristaltic			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) $= (30.47 \text{ feet} - 22.00 \text{ feet}) \times 0.16 \text{ gallons/foot} = 1.4 \text{ gallons}$											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= 0 \text{ gallons} + (0.0014 \text{ gallons/foot} \times \text{feet}) + 0.12 \text{ gallons} = \text{gallons}$											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 26			FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26			PURGING INITIATED AT: 0645		PURGING ENDED AT: 0725		TOTAL VOLUME PURGED (gallons): 2.4	
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
0710	1.5	1.5	0.06	22.44	7.58	22.9	234.6	2.80	4.4	142.5	clear
0715	0.3	1.8	0.06	22.44	7.53	22.8	234.6	3.22	4.5	143.2	clear
0720	0.3	2.1	0.06	22.44	7.54	22.9	232.5	3.25	4.6	143.9	clear
0725	0.3	2.4	0.06	22.44	7.54	22.8	231.9	3.24	4.7	145.2	clear
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016											
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Joe Terry/Montrose				SAMPLER(S) SIGNATURE(S): <i>Joe Terry</i>			SAMPLING INITIATED AT: 0725		SAMPLING ENDED AT: 0735	
PUMP OR TUBING DEPTH IN WELL (feet): 26				TUBING MATERIAL CODE: HDPE			FIELD-FILTERED: N Filtration Equipment Type:		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP No				TUBING No (replaced)			DUPLICATE: Y <u>N</u>			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME (mL)	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-17	2	CG	40	0	0		VOC		APP	225
↓	1	CG	40	HCL	0		VOC		APP	↓
	1	PE	500	0	0		Cl, NO ₃ , TDS		APP	
	1	PE	250	HNO ₃	0		6010 Metals		APP	
	1	PE	250	HNO ₃	0		6020 Metals		APP	
	MW-17	1	PE	250	H ₂ SO ₄	0		NH ₃		
REMARKS: Odor: none										
Weather: cloudy, 33°F										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $+0.2$ mg/L or $+10\%$ (whichever is greater) **Turbidity:** all readings < 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

SITE NAME: ACMS Inc., Heart of Florida Landfill (WACS 85764)		SITE LOCATION: 1032 C.R. 529A, Lake Panasoffkee, FL	
WELL NO: MW-11	SAMPLE ID: MW-11		DATE: February 24, 2025

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 20 ft to 30 ft	STATIC DEPTH TO WATER (feet): 21.24	PURGE PUMP TYPE OR BAILER: peristaltic							
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) $= (30.15 \text{ feet} - 21.24 \text{ feet}) \times 0.16 \text{ gallons/foot} = 1.4 \text{ gallons}$											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= 0 \text{ gallons} + (0.0014 \text{ gallons/foot} \times \text{feet}) + 0.12 \text{ gallons} = \text{gallons}$											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 26		FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26		PURGING INITIATED AT: 1055	PURGING ENDED AT: 1130	TOTAL VOLUME PURGED (gallons): 2.8					
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1115	1.6	1.6	0.08	21.31	5.80	24.5	215.2	0.29	2.9	56.8	clear
1120	0.41	2	0.08	21.31	5.82	24.5	215.1	0.29	2.2	56.9	clear
1125	0.41	2.41	0.08	21.31	5.81	24.5	214.9	0.28	2.5	57.3	clear
1130	0.21	2.8	0.08	21.31	5.82	24.5	215.7	0.28	2.4	57.6	clear
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016											
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLED BY (PRINT) / AFFILIATION: Joe Terry/Montrose				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 1130		SAMPLING ENDED AT: 1132	
PUMP OR TUBING DEPTH IN WELL (feet): 26				TUBING MATERIAL CODE: HDPE			FIELD-FILTERED: No Filtration Equipment Type:		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP No TUBING No (replaced)							DUPLICATE: No			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-11	2	CG	40	0	0		Benzene	APP	300	
MW-11	1	CG	40	HCL	0		Benzene	APP	300	
REMARKS: Odor: none										
Weather: Overcast light rain, 61°F										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $+0.2$ mg/L or $+10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

SITE NAME: ACMS Inc., Heart of Florida Landfill (WACS 85764)		SITE LOCATION: 1032 C.R. 529A, Lake Panasoffkee, FL	
WELL NO: MW-8A		DATE: February 24, 2025	

[illegible]

SAMPLED BY (PRINT) / AFFILIATION: Joe Terry/Montrose				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 1035		SAMPLING ENDED AT: 1037	
PUMP OR TUBING DEPTH IN WELL (feet):				TUBING MATERIAL CODE: HDPE			FIELD-FILTERED: No Filtration Equipment Type:		FILTER SIZE: ____ μm	
FIELD DECONTAMINATION: PUMP No				TUBING No (replaced)			DUPLICATE: No			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-8A	2	CG	40	O	0		Benzene		APP 300	
MW-8A	1	CG	40	HCL	0		Benzene		APP 300	
REMARKS: Odor none										
Weather: overcast, 1.2h + rain, 61°F 1/4 well vol.: 0.3 gal										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings < 20 NTU; optionally $+ 5$ NTU or $+ 10\%$ (whichever is greater)

SITE NAME: ACMS Inc., Heart of Florida Landfill (WACS 85764)		SITE LOCATION: 1032 C.R. 529A, Lake Panasoffkee, FL	
WELL NO: MW-13		DATE: February 24, 2025	

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 19 ft to 29 ft	STATIC DEPTH TO WATER (feet): 21.52	PURGE PUMP TYPE OR BAILER: peristaltic
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EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= 0 gallons + (0.0014 gallons/foot X feet) + 0.12 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 26	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26	PURGING INITIATED AT: 0640	PURGING ENDED AT: 0730	TOTAL VOLUME PURGED (gallons): 3.5
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WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLED BY (PRINT) / AFFILIATION: Joe Terry/Montrose	SAMPLER(S) SIGNATURE(S): 	SAMPLING INITIATED AT: 0730	SAMPLING ENDED AT: 0733
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PUMP OR TUBING DEPTH IN WELL (feet): 26	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: No Filtration Equipment Type:	FILTER SIZE: _____ μm
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FIELD DECONTAMINATION:	PUMP	No	TUBING	No (replaced)	DUPLICATE:	No
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REMARKS: Odor: <i>none</i>				
Weather: <i>overcast, light rain, 57°F</i>				
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)				

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $+0.2$ mg/L or $+10\%$ (whichever is greater) **Turbidity:** all readings < 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: ACMS Inc., Heart of Florida Landfill (WACS 85764)		SITE LOCATION: 1032 C.R. 529A, Lake Panasoffkee, FL	
WELL NO: MW-5A	SAMPLE ID: MW-5A		DATE: February 24, 2025

PURGING DATA

WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/16		WELL SCREEN INTERVAL DEPTH: 16.8 ft to 30.5 ft		STATIC DEPTH TO WATER (feet): 21.38		PURGE PUMP TYPE OR BAILER: peristaltic			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) $= (30.93 \text{ feet} - 21.38 \text{ feet}) \times 0.16 \text{ gallons/foot} = 1.5 \text{ gallons}$											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= 0 \text{ gallons} + (0.0014 \text{ gallons/foot} \times \text{feet}) + 0.12 \text{ gallons} = \text{gallons}$											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 26			FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26			PURGING INITIATED AT: 0850		PURGING ENDED AT: 0950		TOTAL VOLUME PURGED (gallons): 3.6	
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
0920	1.0	1.8	0.06	21.48	6.51	23.7	790	0.10	11	-155.8	clear
0930	0.6	2.4	0.06	21.48	6.54	23.4	792	0.09	6.2	-158.7	clear
0940	0.6	3	0.06	21.48	6.55	23.5	801	0.10	5.5	-162.2	clear
0950	0.6	3.6	0.06	21.48	6.55	23.4	806	0.10	5.3	-163.9	clear
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016											
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Joe Terry/Montrose				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 0950		SAMPLING ENDED AT: 0953	
PUMP OR TUBING DEPTH IN WELL (feet): 26				TUBING MATERIAL CODE: HDPE			FIELD-FILTERED: No Filtration Equipment Type:		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP No TUBING No (replaced)						DUPLICATE: No				
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-5A	2	CG	40	0	0		Toluene	APP	225	
MW-5A	1	CG	40	HCL	0		Toluene	APP	225	
REMARKS: Odor: none										
Weather: overcast, 59°F 1/4 well vol: 0.4 gal										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2): optionally, $+0.2$ mg/L or $+10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU: optionally $+5$ NTU or $+10\%$ (whichever is greater)

Field Instrument Calibration Record

Site: Heart of Florida Landfill

Water Quality Instrument Make: YSI Instrument Model Number: ProPlus Instrument Serial Number: 10E102057

Turbidity Instrument Make: LaMotte Instrument Model Number: 2020we Instrument Serial Number: 9835-1018

Date: 2-23-25 Time: 1730

Technician: [Signature]

Calibration Standard			Instrument Response	Percent Deviation ⁽¹⁾ or Difference	Allowable Deviation ⁽²⁾	Calibrated? Yes or No	Type of Calibration ⁽³⁾
Lot No.	Expiration Date	Standard Value					
24010943	05/2025	pH = 4.00	4.09	0.08	0.1	N	-
24008587	06/2025	pH = 7.00	7.04	0.04	0.1	N	-
24004996	06/2025	pH = 10.00	9.93	0.03	0.1	N	-
24010943	05/2025	Turbidity = 0.0 NTU					
		Turbidity = 1 NTU			10%		
23012770	11/2025	Turbidity = 10 NTU	10.2	2	10%	N	-
24016995	06/2025	Conductivity = 1,413 µS/cm	1415	0.14	5%	N	-
24010943	05/2025	Conductivity = 4,490 µS/cm			5%		
		Conductivity = 12,880 µS/cm			5%		
24011792	06/2025	ORP 228 mV	235	7	10 mV	N	-
		D.O. = 9.08 mg/L @ 18.6 °C and BP: 738 mmHg	9.22	0.14	0.2 mg/l	N	-

Date: 2-25-25 Time: 0500

Calibration Standard			Instrument Response	Percent Deviation ⁽¹⁾ or Difference	Allowable Deviation ⁽²⁾	Calibrated? Yes or No ⁽³⁾	Type of Calibration ⁽⁴⁾
Lot No.	Expiration Date	Standard Value					
24010943	05/2025	pH = 4.00	4.06	0.06	0.1	N	-
24008587	06/2025	pH = 7.00	7.08	0.08	0.1	N	-
24004996	06/2025	pH = 10.00	10.01	0.01	0.1	N	-
24010943	05/2025	Turbidity = 0.0 NTU					
		Turbidity = 1 NTU					
23012770	11/2025	Turbidity = 10 NTU	10.10	1	10%	N	-
24016995	06/2025	Conductivity = 1,413 µS/cm	1430	1.2	5%	N	-
24010943	05/2025	Conductivity = 4,490 µS/cm			5%		
		Conductivity = 12,880 µS/cm			5%		
24011792	06/2025	ORP 228 mV	229	1	10 mV	N	-
		D.O. = 8.70 mg/L @ 22 °C and BP: 756 mmHg	8.67	0.03	0.2 mg/l	N	-

Note (1): Percent Deviation = (Standard Value - Instrument Response) ÷ Standard Value x 100

Note (2): Allowable Deviation: pH ± 0.1 of Standard Value; Conductivity ± 5 % of Standard Value; Salinity ± 3 % of Standard Value; DO ± 0.2 mg/L.

Turbidity 0.1-10 NTU ± 10% of Standard Value, 11-40 NTU ± 8% of Standard Value, 41-100 NTU ± 6.5% of Standard Value, >100 NTU ± 5% of Standard Value

Note (3): Yes = meter was calibrated using the standard solutions per manufacturer protocol; No = meter response to calibration standard was within allowable deviation and no calibration performed.

Note (4): Initial, Continual, Final

APPENDIX C

Field Instrument Calibration Logs

Field Instrument Calibration Record

Site: Heart of Florida Landfill

Water Quality Instrument Make: YSI Instrument Model Number: ProPlus Instrument Serial Number: 10E102057

Turbidity Instrument Make: LaMotte Instrument Model Number: 2020we Instrument Serial Number: 9835-1018

Date: 1-9-25 Time: 0700 Technician: *Joe Lipp*

Calibration Standard			Instrument Response	Percent Deviation ⁽¹⁾ or Difference	Allowable Deviation ⁽²⁾	Calibrated? Yes or No	Type of Calibration ⁽³⁾
Lot No.	Expiration Date	Standard Value					
24010943	05/2025	pH = 4.00	4.01	0.01	0.1	N	-
24008587	06/2025	pH = 7.00	7.04	0.04	0.1	N	-
24004996	06/2025	pH = 10.00	9.93	0.07	0.1	N	-
24010943	05/2025	Turbidity = 0.0 NTU					
		Turbidity = 1 NTU			10%		
23012770	11/2025	Turbidity = 10 NTU	10.24	2.4	10%	N	-
		Conductivity = 1,413 µS/cm			5%		
24010943	05/2025	Conductivity = 4,490 µS/cm	4.48	0.2	5%	N	-
		Conductivity = 12,880 µS/cm			5%		
24011792	06/2025	ORP 228 mV	228.7	0.7	10 mV	N	-
		D.O. = 9.18 mg/L @ 19.7 °C and BP: 763 mmHg	9.05	0.13	0.2 mg/l	N	-

Date: _____ Time: _____

Calibration Standard			Instrument Response	Percent Deviation ⁽¹⁾ or Difference	Allowable Deviation ⁽²⁾	Calibrated? Yes or No ⁽³⁾	Type of Calibration ⁽⁴⁾
Lot No.	Expiration Date	Standard Value					
24010943	05/2025	pH = 4.00			0.1		
24008587	06/2025	pH = 7.00			0.1		
24004996	06/2025	pH = 10.00			0.1		
24010943	05/2025	Turbidity = 0.0 NTU					
		Turbidity = 1 NTU					
23012770	11/2025	Turbidity = 10 NTU			10%		
		Conductivity = 1,413 µS/cm			5%		
24010943	05/2025	Conductivity = 4,490 µS/cm			5%		
		Conductivity = 12,880 µS/cm			5%		
24011792	06/2025	ORP 228 mV			10 mV		
		D.O. = mg/L @ °C and BP: mmHg			0.2 mg/l		

Note (1): Percent Deviation = (Standard Value – Instrument Response) ÷ Standard Value x 100

Note (2): Allowable Deviation: pH ± 0.1 of Standard Value; Conductivity ± 5 % of Standard Value; Salinity ± 3 % of Standard Value; DO ± 0.2 mg/L

Turbidity 0.1-10 NTU ± 10% of Standard Value, 11-40 NTU ± 8% of Standard Value, 41-100 NTU ± 6.5% of Standard Value, >100 NTU ± 5% of Standard Value

Note (3): Yes = meter was calibrated using the standard solutions per manufacturer protocol; No = meter response to calibration standard was within allowable deviation and no calibration performed.

Note (4): Initial, Continual, Final

Field Instrument Calibration Record

Site: Heart of Florida Landfill

Water Quality Instrument Make: YSI Instrument Model Number: ProPlus Instrument Serial Number: 10E102057

Turbidity Instrument Make: LaMotte Instrument Model Number: 2020we Instrument Serial Number: 9835-1018

Date: 2-23-25 Time: 1730

Technician: [Signature]

Calibration Standard			Instrument Response	Percent Deviation ⁽¹⁾ or Difference	Allowable Deviation ⁽²⁾	Calibrated? Yes or No	Type of Calibration ⁽³⁾
Lot No.	Expiration Date	Standard Value					
24010943	05/2025	pH = 4.00	4.09	0.08	0.1	N	-
24008587	06/2025	pH = 7.00	7.04	0.04	0.1	N	-
24004996	06/2025	pH = 10.00	9.93	0.03	0.1	N	-
24010943	05/2025	Turbidity = 0.0 NTU					
		Turbidity = 1 NTU			10%		
23012770	11/2025	Turbidity = 10 NTU	10.2	2	10%	N	-
24016995	06/2025	Conductivity = 1,413 µS/cm	1415	0.14	5%	N	-
24010943	05/2025	Conductivity = 4,490 µS/cm			5%		
		Conductivity = 12,880 µS/cm			5%		
24011792	06/2025	ORP 228 mV	235	7	10 mV	N	-
		D.O. = 9.08 mg/L @ 18.6 °C and BP: 738 mmHg	9.22	0.14	0.2 mg/l	N	-

Date: 2-25-25 Time: 0500

Calibration Standard			Instrument Response	Percent Deviation ⁽¹⁾ or Difference	Allowable Deviation ⁽²⁾	Calibrated? Yes or No ⁽³⁾	Type of Calibration ⁽⁴⁾
Lot No.	Expiration Date	Standard Value					
24010943	05/2025	pH = 4.00	4.06	0.06	0.1	N	-
24008587	06/2025	pH = 7.00	7.08	0.08	0.1	N	-
24004996	06/2025	pH = 10.00	10.01	0.01	0.1	N	-
24010943	05/2025	Turbidity = 0.0 NTU					
		Turbidity = 1 NTU					
23012770	11/2025	Turbidity = 10 NTU	10.10	1	10%	N	-
24016995	06/2025	Conductivity = 1,413 µS/cm	1430	1.2	5%	N	-
24010943	05/2025	Conductivity = 4,490 µS/cm			5%		
		Conductivity = 12,880 µS/cm			5%		
24011792	06/2025	ORP 228 mV	229	1	10 mV	N	-
		D.O. = 8.70 mg/L @ 22 °C and BP: 756 mmHg	8.67	0.03	0.2 mg/l	N	-

Note (1): Percent Deviation = (Standard Value - Instrument Response) ÷ Standard Value x 100

Note (2): Allowable Deviation: pH ± 0.1 of Standard Value; Conductivity ± 5 % of Standard Value; Salinity ± 3 % of Standard Value; DO ± 0.2 mg/L.

Turbidity 0.1-10 NTU ± 10% of Standard Value, 11-40 NTU ± 8% of Standard Value, 41-100 NTU ± 6.5% of Standard Value, >100 NTU ± 5% of Standard Value

Note (3): Yes = meter was calibrated using the standard solutions per manufacturer protocol; No = meter response to calibration standard was within allowable deviation and no calibration performed.

Note (4): Initial, Continual, Final

APPENDIX D

Groundwater Analytical Laboratory Reports



Advanced Environmental Laboratories, Inc
6681 Southpoint Pkwy Jacksonville, FL 32216
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (904) 363-9350
Fax: (904) 363-9354

FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

January 27, 2025

Kirk Wills
Waste Connections
5135 Madison Avenue
Tampa, FL 33619

RE: Workorder: J2500326 ACMS CLASS I LANDFILL

Dear Kirk Wills:

Enclosed are the analytical results for sample(s) received by the laboratory between Wednesday January 8, 2025 and Thursday January 9, 2025. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

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

Sincerely,

Craig Myers
CMyers@aellab.com

Certificate of Analysis

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
J2500326001	MW-10	WA	EPA 300.0	01/07/2025 07:00	01/08/2025 10:30	2	NA
J2500326001	MW-10	WA	EPA 350.1	01/07/2025 07:00	01/08/2025 10:30	1	NA
J2500326001	MW-10	WA	SM 2540 C	01/07/2025 07:00	01/08/2025 10:30	1	NA
J2500326001	MW-10	WA	SW-846 6010	01/07/2025 07:00	01/08/2025 10:30	14	NA
J2500326001	MW-10	WA	SW-846 6020	01/07/2025 07:00	01/08/2025 10:30	3	NA
J2500326001	MW-10	WA	SW-846 7470A	01/07/2025 07:00	01/08/2025 10:30	1	NA
J2500326001	MW-10	WA	SW-846 8260D	01/07/2025 07:00	01/08/2025 10:30	45	NA
J2500326001	MW-10	WA	SW-846 8260D (SIM)	01/07/2025 07:00	01/08/2025 10:30	2	NA
J2500326002	MW-2A	WA	EPA 300.0	01/07/2025 08:15	01/08/2025 10:30	2	NA
J2500326002	MW-2A	WA	EPA 350.1	01/07/2025 08:15	01/08/2025 10:30	1	NA
J2500326002	MW-2A	WA	SM 2540 C	01/07/2025 08:15	01/08/2025 10:30	1	NA
J2500326002	MW-2A	WA	SW-846 6010	01/07/2025 08:15	01/08/2025 10:30	14	NA
J2500326002	MW-2A	WA	SW-846 6020	01/07/2025 08:15	01/08/2025 10:30	3	NA
J2500326002	MW-2A	WA	SW-846 7470A	01/07/2025 08:15	01/08/2025 10:30	1	NA
J2500326002	MW-2A	WA	SW-846 8260D	01/07/2025 08:15	01/08/2025 10:30	45	NA
J2500326002	MW-2A	WA	SW-846 8260D (SIM)	01/07/2025 08:15	01/08/2025 10:30	2	NA
J2500326003	MW-9	WA	EPA 300.0	01/07/2025 09:30	01/08/2025 10:30	2	NA
J2500326003	MW-9	WA	EPA 350.1	01/07/2025 09:30	01/08/2025 10:30	1	NA
J2500326003	MW-9	WA	SM 2540 C	01/07/2025 09:30	01/08/2025 10:30	1	NA
J2500326003	MW-9	WA	SW-846 6010	01/07/2025 09:30	01/08/2025 10:30	14	NA
J2500326003	MW-9	WA	SW-846 6020	01/07/2025 09:30	01/08/2025 10:30	3	NA
J2500326003	MW-9	WA	SW-846 7470A	01/07/2025 09:30	01/08/2025 10:30	1	NA
J2500326003	MW-9	WA	SW-846 8260D	01/07/2025 09:30	01/08/2025 10:30	45	NA
J2500326003	MW-9	WA	SW-846 8260D (SIM)	01/07/2025 09:30	01/08/2025 10:30	2	NA
J2500326004	MW-1A	WA	EPA 300.0	01/07/2025 10:36	01/08/2025 10:30	2	NA
J2500326004	MW-1A	WA	EPA 350.1	01/07/2025 10:36	01/08/2025 10:30	1	NA
J2500326004	MW-1A	WA	SM 2540 C	01/07/2025 10:36	01/08/2025 10:30	1	NA
J2500326004	MW-1A	WA	SW-846 6010	01/07/2025 10:36	01/08/2025 10:30	14	NA
J2500326004	MW-1A	WA	SW-846 6020	01/07/2025 10:36	01/08/2025 10:30	3	NA
J2500326004	MW-1A	WA	SW-846 7470A	01/07/2025 10:36	01/08/2025 10:30	1	NA
J2500326004	MW-1A	WA	SW-846 8260D	01/07/2025 10:36	01/08/2025 10:30	45	NA
J2500326004	MW-1A	WA	SW-846 8260D (SIM)	01/07/2025 10:36	01/08/2025 10:30	2	NA
J2500326005	MW-11	WA	EPA 300.0	01/07/2025 11:40	01/08/2025 10:30	2	NA
J2500326005	MW-11	WA	EPA 350.1	01/07/2025 11:40	01/08/2025 10:30	1	NA
J2500326005	MW-11	WA	SM 2540 C	01/07/2025 11:40	01/08/2025 10:30	1	NA

Monday, January 27, 2025 10:25:26 AM
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Page 2 of 116

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
J2500326005	MW-11	WA	SW-846 6010	01/07/2025 11:40	01/08/2025 10:30	14	NA
J2500326005	MW-11	WA	SW-846 6020	01/07/2025 11:40	01/08/2025 10:30	3	NA
J2500326005	MW-11	WA	SW-846 7470A	01/07/2025 11:40	01/08/2025 10:30	1	NA
J2500326005	MW-11	WA	SW-846 8260D	01/07/2025 11:40	01/08/2025 10:30	45	NA
J2500326005	MW-11	WA	SW-846 8260D (SIM)	01/07/2025 11:40	01/08/2025 10:30	2	NA
J2500326006	MW-12	WA	EPA 300.0	01/07/2025 12:35	01/08/2025 10:30	2	NA
J2500326006	MW-12	WA	EPA 350.1	01/07/2025 12:35	01/08/2025 10:30	1	NA
J2500326006	MW-12	WA	SM 2540 C	01/07/2025 12:35	01/08/2025 10:30	1	NA
J2500326006	MW-12	WA	SW-846 6010	01/07/2025 12:35	01/08/2025 10:30	14	NA
J2500326006	MW-12	WA	SW-846 6020	01/07/2025 12:35	01/08/2025 10:30	3	NA
J2500326006	MW-12	WA	SW-846 7470A	01/07/2025 12:35	01/08/2025 10:30	1	NA
J2500326006	MW-12	WA	SW-846 8260D	01/07/2025 12:35	01/08/2025 10:30	45	NA
J2500326006	MW-12	WA	SW-846 8260D (SIM)	01/07/2025 12:35	01/08/2025 10:30	2	NA
J2500326007	MW-13	WA	EPA 300.0	01/07/2025 13:15	01/08/2025 10:30	2	NA
J2500326007	MW-13	WA	EPA 350.1	01/07/2025 13:15	01/08/2025 10:30	1	NA
J2500326007	MW-13	WA	SM 2540 C	01/07/2025 13:15	01/08/2025 10:30	1	NA
J2500326007	MW-13	WA	SW-846 6010	01/07/2025 13:15	01/08/2025 10:30	14	NA
J2500326007	MW-13	WA	SW-846 6020	01/07/2025 13:15	01/08/2025 10:30	3	NA
J2500326007	MW-13	WA	SW-846 7470A	01/07/2025 13:15	01/08/2025 10:30	1	NA
J2500326007	MW-13	WA	SW-846 8260D	01/07/2025 13:15	01/08/2025 10:30	45	NA
J2500326007	MW-13	WA	SW-846 8260D (SIM)	01/07/2025 13:15	01/08/2025 10:30	2	NA
J2500326008	MW-16	WA	EPA 300.0	01/07/2025 14:10	01/08/2025 10:30	2	NA
J2500326008	MW-16	WA	EPA 350.1	01/07/2025 14:10	01/08/2025 10:30	1	NA
J2500326008	MW-16	WA	SM 2540 C	01/07/2025 14:10	01/08/2025 10:30	1	NA
J2500326008	MW-16	WA	SW-846 6010	01/07/2025 14:10	01/08/2025 10:30	14	NA
J2500326008	MW-16	WA	SW-846 6020	01/07/2025 14:10	01/08/2025 10:30	3	NA
J2500326008	MW-16	WA	SW-846 7470A	01/07/2025 14:10	01/08/2025 10:30	1	NA
J2500326008	MW-16	WA	SW-846 8260D	01/07/2025 14:10	01/08/2025 10:30	45	NA
J2500326008	MW-16	WA	SW-846 8260D (SIM)	01/07/2025 14:10	01/08/2025 10:30	2	NA
J2500326009	MW-15	WA	EPA 300.0	01/07/2025 14:50	01/08/2025 10:30	2	NA
J2500326009	MW-15	WA	EPA 350.1	01/07/2025 14:50	01/08/2025 10:30	1	NA
J2500326009	MW-15	WA	SM 2540 C	01/07/2025 14:50	01/08/2025 10:30	1	NA
J2500326009	MW-15	WA	SW-846 6010	01/07/2025 14:50	01/08/2025 10:30	14	NA
J2500326009	MW-15	WA	SW-846 6020	01/07/2025 14:50	01/08/2025 10:30	3	NA
J2500326009	MW-15	WA	SW-846 7470A	01/07/2025 14:50	01/08/2025 10:30	1	NA

Monday, January 27, 2025 10:25:26 AM
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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
J2500326009	MW-15	WA	SW-846 8260D	01/07/2025 14:50	01/08/2025 10:30	45	NA
J2500326009	MW-15	WA	SW-846 8260D (SIM)	01/07/2025 14:50	01/08/2025 10:30	2	NA
J2500326010	Trip Blank-1	WA	SW-846 8260D	01/07/2025 00:00	01/08/2025 10:30	45	NA
J2500326010	Trip Blank-1	WA	SW-846 8260D (SIM)	01/07/2025 00:00	01/08/2025 10:30	2	NA
J2500326011	MW-17	WA	EPA 300.0	01/08/2025 07:25	01/09/2025 08:09	2	NA
J2500326011	MW-17	WA	EPA 350.1	01/08/2025 07:25	01/09/2025 08:09	1	NA
J2500326011	MW-17	WA	SM 2540 C	01/08/2025 07:25	01/09/2025 08:09	1	NA
J2500326011	MW-17	WA	SW-846 6010	01/08/2025 07:25	01/09/2025 08:09	14	NA
J2500326011	MW-17	WA	SW-846 6020	01/08/2025 07:25	01/09/2025 08:09	3	NA
J2500326011	MW-17	WA	SW-846 7470A	01/08/2025 07:25	01/09/2025 08:09	1	NA
J2500326011	MW-17	WA	SW-846 8260D	01/08/2025 07:25	01/09/2025 08:09	45	NA
J2500326011	MW-17	WA	SW-846 8260D (SIM)	01/08/2025 07:25	01/09/2025 08:09	2	NA
J2500326012	MW-4A	WA	EPA 300.0	01/08/2025 08:30	01/09/2025 08:09	2	NA
J2500326012	MW-4A	WA	EPA 350.1	01/08/2025 08:30	01/09/2025 08:09	1	NA
J2500326012	MW-4A	WA	SM 2540 C	01/08/2025 08:30	01/09/2025 08:09	1	NA
J2500326012	MW-4A	WA	SW-846 6010	01/08/2025 08:30	01/09/2025 08:09	14	NA
J2500326012	MW-4A	WA	SW-846 6020	01/08/2025 08:30	01/09/2025 08:09	3	NA
J2500326012	MW-4A	WA	SW-846 7470A	01/08/2025 08:30	01/09/2025 08:09	1	NA
J2500326012	MW-4A	WA	SW-846 8260D	01/08/2025 08:30	01/09/2025 08:09	45	NA
J2500326012	MW-4A	WA	SW-846 8260D (SIM)	01/08/2025 08:30	01/09/2025 08:09	2	NA
J2500326013	MW-5A	WA	EPA 300.0	01/08/2025 09:35	01/09/2025 08:09	2	NA
J2500326013	MW-5A	WA	EPA 350.1	01/08/2025 09:35	01/09/2025 08:09	1	NA
J2500326013	MW-5A	WA	SM 2540 C	01/08/2025 09:35	01/09/2025 08:09	1	NA
J2500326013	MW-5A	WA	SW-846 6010	01/08/2025 09:35	01/09/2025 08:09	14	NA
J2500326013	MW-5A	WA	SW-846 6020	01/08/2025 09:35	01/09/2025 08:09	3	NA
J2500326013	MW-5A	WA	SW-846 7470A	01/08/2025 09:35	01/09/2025 08:09	1	NA
J2500326013	MW-5A	WA	SW-846 8260D	01/08/2025 09:35	01/09/2025 08:09	45	NA
J2500326013	MW-5A	WA	SW-846 8260D (SIM)	01/08/2025 09:35	01/09/2025 08:09	2	NA
J2500326014	MW-6A	WA	EPA 300.0	01/08/2025 10:40	01/09/2025 08:09	2	NA
J2500326014	MW-6A	WA	EPA 350.1	01/08/2025 10:40	01/09/2025 08:09	1	NA
J2500326014	MW-6A	WA	SM 2540 C	01/08/2025 10:40	01/09/2025 08:09	1	NA
J2500326014	MW-6A	WA	SW-846 6010	01/08/2025 10:40	01/09/2025 08:09	14	NA
J2500326014	MW-6A	WA	SW-846 6020	01/08/2025 10:40	01/09/2025 08:09	3	NA
J2500326014	MW-6A	WA	SW-846 7470A	01/08/2025 10:40	01/09/2025 08:09	1	NA
J2500326014	MW-6A	WA	SW-846 8260D	01/08/2025 10:40	01/09/2025 08:09	45	NA

Monday, January 27, 2025 10:25:26 AM
Dates and times are displayed using (-05:00)
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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
J2500326014	MW-6A	WA	SW-846 8260D (SIM)	01/08/2025 10:40	01/09/2025 08:09	2	NA
J2500326015	MW-7A	WA	EPA 300.0	01/08/2025 12:00	01/09/2025 08:09	2	NA
J2500326015	MW-7A	WA	EPA 350.1	01/08/2025 12:00	01/09/2025 08:09	1	NA
J2500326015	MW-7A	WA	SM 2540 C	01/08/2025 12:00	01/09/2025 08:09	1	NA
J2500326015	MW-7A	WA	SW-846 6010	01/08/2025 12:00	01/09/2025 08:09	14	NA
J2500326015	MW-7A	WA	SW-846 6020	01/08/2025 12:00	01/09/2025 08:09	3	NA
J2500326015	MW-7A	WA	SW-846 7470A	01/08/2025 12:00	01/09/2025 08:09	1	NA
J2500326015	MW-7A	WA	SW-846 8260D	01/08/2025 12:00	01/09/2025 08:09	45	NA
J2500326015	MW-7A	WA	SW-846 8260D (SIM)	01/08/2025 12:00	01/09/2025 08:09	2	NA
J2500326016	MW-8A	WA	EPA 300.0	01/08/2025 13:20	01/09/2025 08:09	2	NA
J2500326016	MW-8A	WA	EPA 350.1	01/08/2025 13:20	01/09/2025 08:09	1	NA
J2500326016	MW-8A	WA	SM 2540 C	01/08/2025 13:20	01/09/2025 08:09	1	NA
J2500326016	MW-8A	WA	SW-846 6010	01/08/2025 13:20	01/09/2025 08:09	14	NA
J2500326016	MW-8A	WA	SW-846 6020	01/08/2025 13:20	01/09/2025 08:09	3	NA
J2500326016	MW-8A	WA	SW-846 7470A	01/08/2025 13:20	01/09/2025 08:09	1	NA
J2500326016	MW-8A	WA	SW-846 8260D	01/08/2025 13:20	01/09/2025 08:09	45	NA
J2500326016	MW-8A	WA	SW-846 8260D (SIM)	01/08/2025 13:20	01/09/2025 08:09	2	NA
J2500326017	DUP	WA	EPA 300.0	01/08/2025 13:20	01/09/2025 08:09	2	NA
J2500326017	DUP	WA	EPA 350.1	01/08/2025 13:20	01/09/2025 08:09	1	NA
J2500326017	DUP	WA	SM 2540 C	01/08/2025 13:20	01/09/2025 08:09	1	NA
J2500326017	DUP	WA	SW-846 6010	01/08/2025 13:20	01/09/2025 08:09	14	NA
J2500326017	DUP	WA	SW-846 6020	01/08/2025 13:20	01/09/2025 08:09	3	NA
J2500326017	DUP	WA	SW-846 7470A	01/08/2025 13:20	01/09/2025 08:09	1	NA
J2500326017	DUP	WA	SW-846 8260D	01/08/2025 13:20	01/09/2025 08:09	45	NA
J2500326017	DUP	WA	SW-846 8260D (SIM)	01/08/2025 13:20	01/09/2025 08:09	2	NA
J2500326018	Trip Blank-2	WA	SW-846 8260D	01/08/2025 00:00	01/09/2025 08:09	45	NA
J2500326018	Trip Blank-2	WA	SW-846 8260D (SIM)	01/08/2025 00:00	01/09/2025 08:09	2	NA





FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Workorder Summary

Batch Comments

MSVj/11644 - 8260D SIM Analysis,Water

The upper control criterion was exceeded for 1,2-Dibromo-3-Chloropropane in Continuing Calibration Verification (CCV) standards for analytical batch 11644, indicating increased sensitivity. The client samples reported in this batch did not contain the analytes in question. Since the apparent problem equates to a potential high bias, the data quality is not affected. No further corrective action was required.

The spike recovery of 1,2-Dibromo-3-Chloropropane for the Laboratory Control Sample Duplicate (LCSD) was outside the upper control criterion. The analyte in question was not detected in the associated client samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was required.

MSVj/11646 - 8260D Analysis,Water

The Continuing Calibration Verification (CCV) standards were below the method acceptance of 80-120% for Bromomethane, Vinyl Acetate, and Bromoform. However, a Method Reporting Limit (MRL) standard was run at the end of the analytical sequence. Since the analytes in question were detected in the MRL standard, instrument sensitivity was documented. As the analytes in question were not detected in the field samples, the results are deemed acceptable.

The relative percent difference (RPD) for Bromomethane and Acetone between the Laboratory Control Sample (LCS) and the Laboratory Control Sample Duplicate (LCSD) was outside control criteria due to relatively higher spike recovery in 5647320LCS/5647321LCSD in comparison with 5647321LCSD/5647320LCS. Spike recoveries in the LCS and LCSD were within acceptable limits, indicating the analytical batch was in control. No further corrective action was required.

MSVj/11652 - 8260D Analysis,Water

The upper control criterion was exceeded for Iodomethane in Continuing Calibration Verification (CCV) standards for analytical batch 11652, indicating increased sensitivity. The client samples reported in this batch did not contain the analytes in question. Since the apparent problem equates to a potential high bias, the data quality is not affected. No further corrective action was required.

The Continuing Calibration Verification (CCV) standards were below the method acceptance of 80-120% for Vinyl Acetate. However, a Method Reporting Limit (MRL) standard was run at the end of the analytical sequence. Since the analytes in question were detected in the MRL standard, instrument sensitivity was documented. As the analytes in question were not detected in the field samples, the results are deemed acceptable.

The relative percent difference (RPD) for several target analytes between the Laboratory Control Sample (LCS) and the Laboratory Control Sample Duplicate (LCSD) was outside control criteria due to relatively higher spike recovery in 5648445-LCS in comparison with 5648446-LCSD. Spike recoveries in the LCS and LCSD were within acceptable limits, indicating the analytical batch was in control. No further corrective action was required.

The Trip Blank (TB) J2500326018 analyzed with this group of samples contained low levels of target Acetone above the method detection limit (MDL). The associated method blank that was analyzed the day the trip blank was prepared showed no common target analytes. The contamination in the TB was not due to the lab.

MSVj/11654 - 8260D SIM Analysis,Water

The upper control criterion was exceeded for 1,2-Dibromo-3-Chloropropane in Continuing Calibration Verification (CCV) standards for analytical batch 11654, indicating increased sensitivity. The client samples reported in this batch did not contain the analytes in question. Since the apparent problem equates to a potential high bias, the data quality is not affected. No further corrective action was required.

WCAg/19549 - Ammonia,E350.1,Water

The matrix spike and matrix spike duplicate percent recoveries applying to parent sample GJ2500326001 for NH3 were (112%, 113%). The recoveries for both analytes in the Laboratory Control Sample were within the method required 90-110% range, indicating the batch was in control. The sample results have been qualified to indicate any matrix interference.

The matrix spike and matrix spike duplicate percent recoveries applying to parent sample J2500421003 for NH3 were (84%, 82%). The recoveries for both analytes in the Laboratory Control Sample were within the method required 90-110% range, indicating the batch was in control. The sample results have been qualified to indicate any matrix interference.

The matrix spike and matrix spike duplicate percent recoveries applying to parent sample J2500496001 for NH3 were (182%, 180%). The recoveries for both analytes in the Laboratory Control Sample were within the method required 90-110% range, indicating the batch was in control. The sample results have been qualified to indicate any matrix interference.

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Workorder: ACMS CLASS I LANDFILL (J2500326)

Workorder Summary

Task Comments

J2500326002 (MW-2A) - MSVJ/11646 - 8260D Analysis,Water

The matrix spike (MS) recoveries of several target analytes for J2500326002 were outside control criteria. Recoveries in the Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) were acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential low bias in this matrix. The affected sample is qualified to indicate matrix interference.

J2500326014 (MW-6A) - MSVJ/11652 - 8260D Analysis,Water

J2500326014 was reanalyzed at dilution due to high Acetone levels. The lowest possible dilution was performed to allow the analyte value to be within the calibration curve's highest level and to prevent possible carry over in the following sample analyses.

J2500326015 (MW-7A) - MSVJ/11652 - 8260D Analysis,Water

J2500326015 was reanalyzed at dilution due to high Benzene levels. The lowest possible dilution was performed to allow the analyte value to be within the calibration curve's highest level and to prevent possible carry over in the following sample analyses.

Analysis Results Comments

J2500326001 (MW-10) - Lead

The upper control criterion was exceeded for the following analytes in the closing Continuing Calibration Verification (CCV): Lead. The client samples analyzed in this batch did not contain the analytes in question. Since the apparent problem equates to a potential high bias, the data quality is not affected. No further corrective action was required.

J2500326003 (MW-9) - Lead

The upper control criterion was exceeded for the following analytes in the closing Continuing Calibration Verification (CCV): Lead. The client samples analyzed in this batch did not contain the analytes in question. Since the apparent problem equates to a potential high bias, the data quality is not affected. No further corrective action was required.

J2500326004 (MW-1A) - Lead

The upper control criterion was exceeded for the following analytes in the closing Continuing Calibration Verification (CCV): Lead. The client samples analyzed in this batch did not contain the analytes in question. Since the apparent problem equates to a potential high bias, the data quality is not affected. No further corrective action was required.

J2500326005 (MW-11) - Lead

The upper control criterion was exceeded for the following analytes in the closing Continuing Calibration Verification (CCV): Lead. The client samples analyzed in this batch did not contain the analytes in question. Since the apparent problem equates to a potential high bias, the data quality is not affected. No further corrective action was required.

J2500326006 (MW-12) - Lead

The upper control criterion was exceeded for the following analytes in the closing Continuing Calibration Verification (CCV): Lead. The client samples analyzed in this batch did not contain the analytes in question. Since the apparent problem equates to a potential high bias, the data quality is not affected. No further corrective action was required.

J2500326009 (MW-15) - Lead

The upper control criterion was exceeded for the following analytes in the closing Continuing Calibration Verification (CCV): Lead. The client samples analyzed in this batch did not contain the analytes in question. Since the apparent problem equates to a potential high bias, the data quality is not affected. No further corrective action was required.

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results Qualifiers

Parameter Qualifiers

U	The compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J4	Estimated Result
J3	Lab QC Failure

Lab Qualifiers

G	DOH Certification #E82001 (FL NELAC) AEL-Gainesville
J	DOH Certification #E82574 (FL NELAC) AEL-Jacksonville DOD-ELAP Certification #L23-514 (ISO/IEC 17025:2017) AEL-Jacksonville

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Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID:	J2500326001	Date Collected:				01/07/2025 07:00		Matrix:	Water
Sample ID:	MW-10	Date Received:				01/08/2025 10:30			
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
METALS (SW-846 3010A/SW-846 6010)									
Barium	5.2 I	ug/L	12	3.0	1	01/09/2025 10:11	01/09/2025 20:56	J	
Beryllium	2.0 U	ug/L	8.0	2.0	1	01/09/2025 10:11	01/09/2025 20:56	J	
Cadmium	0.50 U	ug/L	2.0	0.50	1	01/09/2025 10:11	01/09/2025 20:56	J	
Chromium	5.0 U	ug/L	20	5.0	1	01/09/2025 10:11	01/09/2025 20:56	J	
Cobalt	1.0 U	ug/L	4.0	1.0	1	01/09/2025 10:11	01/09/2025 20:56	J	
Copper	10 U	ug/L	40	10	1	01/09/2025 10:11	01/09/2025 20:56	J	
Iron	700 I	ug/L	800	200	1	01/09/2025 10:11	01/09/2025 20:56	J	
Lead	3.0 U	ug/L	12	3.0	1	01/09/2025 10:11	01/09/2025 20:56	J	
Nickel	10 U	ug/L	40	10	1	01/09/2025 10:11	01/09/2025 20:56	J	
Selenium	40 U	ug/L	160	40	1	01/09/2025 10:11	01/09/2025 20:56	J	
Silver	8.0 U	ug/L	32	8.0	1	01/09/2025 10:11	01/09/2025 20:56	J	
Sodium	5.3	mg/L	3.2	0.80	1	01/09/2025 10:11	01/09/2025 20:56	J	
Vanadium	11	ug/L	8.0	2.0	1	01/09/2025 10:11	01/13/2025 15:35	J	
Zinc	50 U	ug/L	200	50	1	01/09/2025 10:11	01/13/2025 15:35	J	
METALS (SW-846 3010A/SW-846 6020)									
Antimony	1.0 U	ug/L	4.0	1.0	1	01/20/2025 18:03	01/21/2025 19:07	J	
Arsenic	1.0	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 19:07	J	
Thallium	0.25 U	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 19:07	J	
METALS (SW-846 7470A)									
Mercury	0.011 U	ug/L	0.10	0.011	1	01/10/2025 08:47	01/10/2025 12:21	J	
VOLATILES (SW-846 5030B/SW-846 8260D (SIM))									
1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	1	01/08/2025 16:22	01/08/2025 19:37	J	
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	1	01/08/2025 16:22	01/08/2025 19:37	J	
VOLATILES (SW-846 5030B/SW-846 8260D)									
1,1,1,2-Tetrachloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 19:37	J	
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 19:37	J	
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 19:37	J	





FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID: J2500326001
Sample ID: MW-10

Date Collected: 01/07/2025 07:00
Date Received: 01/08/2025 10:30

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 19:37	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 19:37	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 19:37	J
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 19:37	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 19:37	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 19:37	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 19:37	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 19:37	J
2-Butanone (MEK)	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 19:37	J
2-Hexanone	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 19:37	J
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 19:37	J
Acetone	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 19:37	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 19:37	J
Benzene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 19:37	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 19:37	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 19:37	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 19:37	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 19:37	J
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 19:37	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 19:37	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 19:37	J
Chloroethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 19:37	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 19:37	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 19:37	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 19:37	J
Dibromomethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 19:37	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 19:37	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID:	J2500326001	Date Collected:				01/07/2025 07:00	Matrix:	Water
Sample ID:	MW-10	Date Received:				01/08/2025 10:30		
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Iodomethane (Methyl Iodide)	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 19:37	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	01/08/2025 16:22	01/08/2025 19:37	J
Styrene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 19:37	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 19:37	J
Toluene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 19:37	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 19:37	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 19:37	J
Vinyl Acetate	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 19:37	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 19:37	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	01/08/2025 16:22	01/08/2025 19:37	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 19:37	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 19:37	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 19:37	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 19:37	J
trans-1,4-Dichloro-2-butene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 19:37	J
WET CHEMISTRY (EPA 300.0)								
Chloride	7.3 I	mg/L	8.0	2.0	1	01/08/2025 13:12	01/08/2025 13:12	J
Nitrate (as N)	0.20 U	mg/L	0.80	0.20	1	01/08/2025 13:12	01/08/2025 13:12	J
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	0.093	mg/L	0.040	0.017	1	01/20/2025 09:47	01/20/2025 09:47	G
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	90	mg/L	10	10	1	01/08/2025 17:14	01/08/2025 17:14	J





FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Analysis Results Comments

Ammonia (N)

J4|Estimated Result

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Toluene-d8 (S)	ug/L	50	50	101	77 - 119	J
1,2-Dichloroethane-d4 (S)	ug/L	50	52	103	70 - 128	J
1,2-Dichloroethane-d4 (S)	ug/L	50	47	94	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	52	105	86 - 123	J
Toluene-d8 (S)	ug/L	50	48	95	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	51	102	86 - 123	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID:	J2500326002	Date Collected:	01/07/2025 08:15			Matrix:	Water	
Sample ID:	MW-2A	Date Received:	01/08/2025 10:30					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Barium	4.4 I	ug/L	12	3.0	1	01/09/2025 10:11	01/09/2025 21:00	J
Beryllium	2.0 U	ug/L	8.0	2.0	1	01/09/2025 10:11	01/09/2025 21:00	J
Cadmium	0.50 U	ug/L	2.0	0.50	1	01/09/2025 10:11	01/09/2025 21:00	J
Chromium	5.0 U	ug/L	20	5.0	1	01/09/2025 10:11	01/09/2025 21:00	J
Cobalt	1.0 U	ug/L	4.0	1.0	1	01/09/2025 10:11	01/09/2025 21:00	J
Copper	10 U	ug/L	40	10	1	01/09/2025 10:11	01/09/2025 21:00	J
Iron	1000	ug/L	800	200	1	01/09/2025 10:11	01/09/2025 21:00	J
Lead	3.0 U	ug/L	12	3.0	1	01/09/2025 10:11	01/09/2025 21:00	J
Nickel	10 U	ug/L	40	10	1	01/09/2025 10:11	01/09/2025 21:00	J
Selenium	40 U	ug/L	160	40	1	01/09/2025 10:11	01/09/2025 21:00	J
Silver	8.0 U	ug/L	32	8.0	1	01/09/2025 10:11	01/09/2025 21:00	J
Sodium	2.5 I	mg/L	3.2	0.80	1	01/09/2025 10:11	01/09/2025 21:00	J
Vanadium	2.0 U	ug/L	8.0	2.0	1	01/09/2025 10:11	01/13/2025 15:39	J
Zinc	50 U	ug/L	200	50	1	01/09/2025 10:11	01/13/2025 15:39	J
METALS (SW-846 3010A/SW-846 6020)								
Antimony	1.0 U	ug/L	4.0	1.0	1	01/20/2025 18:03	01/21/2025 19:13	J
Arsenic	0.26 I	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 19:13	J
Thallium	0.25 U	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 19:13	J
METALS (SW-846 7470A)								
Mercury	0.011 U	ug/L	0.10	0.011	1	01/10/2025 08:47	01/10/2025 12:25	J
VOLATILES (SW-846 5030B/SW-846 8260D (SIM))								
1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	1	01/08/2025 16:22	01/08/2025 20:01	J
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	1	01/08/2025 16:22	01/08/2025 20:01	J
VOLATILES (SW-846 5030B/SW-846 8260D)								
1,1,1,2-Tetrachloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:01	J
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:01	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 20:01	J





FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID: J2500326002	Date Collected: 01/07/2025 08:15					Matrix: Water		
Sample ID: MW-2A	Date Received: 01/08/2025 10:30							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:01	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:01	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:01	J
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:01	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:01	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:01	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:01	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:01	J
2-Butanone (MEK)	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:01	J
2-Hexanone	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:01	J
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:01	J
Acetone	0.73 I	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:01	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:01	J
Benzene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:01	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:01	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:01	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:01	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:01	J
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:01	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:01	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:01	J
Chloroethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:01	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:01	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:01	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 20:01	J
Dibromomethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:01	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:01	J

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Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID:	J2500326002	Date Collected:				01/07/2025 08:15	Matrix:	Water
Sample ID:	MW-2A	Date Received:				01/08/2025 10:30		
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Iodomethane (Methyl Iodide)	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:01	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	01/08/2025 16:22	01/08/2025 20:01	J
Styrene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:01	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:01	J
Toluene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:01	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:01	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:01	J
Vinyl Acetate	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:01	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:01	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	01/08/2025 16:22	01/08/2025 20:01	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:01	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 20:01	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:01	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 20:01	J
trans-1,4-Dichloro-2-butene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:01	J
WET CHEMISTRY (EPA 300.0)								
Chloride	2.0 U	mg/L	8.0	2.0	1	01/08/2025 13:35	01/08/2025 13:35	J
Nitrate (as N)	0.45 I	mg/L	0.80	0.20	1	01/08/2025 13:35	01/08/2025 13:35	J
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	0.032 I	mg/L	0.040	0.017	1	01/20/2025 09:47	01/20/2025 09:47	G
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	75	mg/L	10	10	1	01/08/2025 17:14	01/08/2025 17:14	J





FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Analysis Results Comments

1,4-Dichlorobenzene

J4|Estimated Result

Acetone

J3|Lab QC Failure

Carbon Tetrachloride

J4|Estimated Result

Styrene

J4|Estimated Result

cis-1,3-Dichloropropene

J4|Estimated Result

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	52	104	70 - 128	J
Toluene-d8 (S)	ug/L	50	51	103	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	53	105	86 - 123	J
Toluene-d8 (S)	ug/L	50	48	97	77 - 119	J
1,2-Dichloroethane-d4 (S)	ug/L	50	48	95	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	51	103	86 - 123	J

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Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID:	J2500326003	Date Collected:	01/07/2025 09:30			Matrix:	Water	
Sample ID:	MW-9	Date Received:	01/08/2025 10:30					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Barium	6.4 I	ug/L	12	3.0	1	01/09/2025 10:11	01/09/2025 19:50	J
Beryllium	2.0 U	ug/L	8.0	2.0	1	01/09/2025 10:11	01/09/2025 19:50	J
Cadmium	0.60 I	ug/L	2.0	0.50	1	01/09/2025 10:11	01/09/2025 19:50	J
Chromium	5.0 U	ug/L	20	5.0	1	01/09/2025 10:11	01/09/2025 19:50	J
Cobalt	1.0 U	ug/L	4.0	1.0	1	01/09/2025 10:11	01/09/2025 19:50	J
Copper	10 U	ug/L	40	10	1	01/09/2025 10:11	01/09/2025 19:50	J
Iron	200 U	ug/L	800	200	1	01/09/2025 10:11	01/09/2025 19:50	J
Lead	3.0 U	ug/L	12	3.0	1	01/09/2025 10:11	01/09/2025 19:50	J
Nickel	10 U	ug/L	40	10	1	01/09/2025 10:11	01/09/2025 19:50	J
Selenium	40 U	ug/L	160	40	1	01/09/2025 10:11	01/09/2025 19:50	J
Silver	8.0 U	ug/L	32	8.0	1	01/09/2025 10:11	01/09/2025 19:50	J
Sodium	4.8	mg/L	3.2	0.80	1	01/09/2025 10:11	01/09/2025 19:50	J
Vanadium	7.0 I	ug/L	8.0	2.0	1	01/09/2025 10:11	01/13/2025 15:06	J
Zinc	50 U	ug/L	200	50	1	01/09/2025 10:11	01/09/2025 19:50	J
METALS (SW-846 3010A/SW-846 6020)								
Antimony	1.0 U	ug/L	4.0	1.0	1	01/20/2025 18:03	01/21/2025 19:18	J
Arsenic	0.25 U	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 19:18	J
Thallium	0.25 U	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 19:18	J
METALS (SW-846 7470A)								
Mercury	0.011 U	ug/L	0.10	0.011	1	01/10/2025 08:47	01/10/2025 12:37	J
VOLATILES (SW-846 5030B/SW-846 8260D (SIM))								
1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	1	01/08/2025 16:22	01/08/2025 20:25	J
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	1	01/08/2025 16:22	01/08/2025 20:25	J
VOLATILES (SW-846 5030B/SW-846 8260D)								
1,1,1,2-Tetrachloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:25	J
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:25	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 20:25	J





FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID: J2500326003
Sample ID: MW-9

Date Collected: 01/07/2025 09:30
Date Received: 01/08/2025 10:30

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:25	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:25	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:25	J
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:25	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:25	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:25	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:25	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:25	J
2-Butanone (MEK)	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:25	J
2-Hexanone	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:25	J
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:25	J
Acetone	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:25	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:25	J
Benzene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:25	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:25	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:25	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:25	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:25	J
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:25	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:25	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:25	J
Chloroethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:25	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:25	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:25	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 20:25	J
Dibromomethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:25	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:25	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID:	J2500326003	Date Collected:				01/07/2025 09:30		Matrix:	Water
Sample ID:	MW-9	Date Received:				01/08/2025 10:30			
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
Iodomethane (Methyl Iodide)	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:25	J	
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	01/08/2025 16:22	01/08/2025 20:25	J	
Styrene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:25	J	
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:25	J	
Toluene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:25	J	
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:25	J	
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:25	J	
Vinyl Acetate	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:25	J	
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:25	J	
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	01/08/2025 16:22	01/08/2025 20:25	J	
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:25	J	
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 20:25	J	
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:25	J	
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 20:25	J	
trans-1,4-Dichloro-2-butene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:25	J	
WET CHEMISTRY (EPA 300.0)									
Chloride	2.0 U	mg/L	8.0	2.0	1	01/08/2025 13:59	01/08/2025 13:59	J	
Nitrate (as N)	0.21 I	mg/L	0.80	0.20	1	01/08/2025 13:59	01/08/2025 13:59	J	
WET CHEMISTRY (EPA 350.1)									
Ammonia (N)	0.084	mg/L	0.040	0.017	1	01/20/2025 09:47	01/20/2025 09:47	G	
WET CHEMISTRY (SM 2540 C)									
Total Dissolved Solids	46	mg/L	10	10	1	01/08/2025 17:14	01/08/2025 17:14	J	





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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Toluene-d8 (S)	ug/L	50	51	102	77 - 119	J
1,2-Dichloroethane-d4 (S)	ug/L	50	51	102	70 - 128	J
Toluene-d8 (S)	ug/L	50	48	96	77 - 119	J
1,2-Dichloroethane-d4 (S)	ug/L	50	47	94	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	52	105	86 - 123	J
Bromofluorobenzene (S)	ug/L	50	51	102	86 - 123	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID:	J2500326004	Date Collected:	01/07/2025 10:36			Matrix:	Water	
Sample ID:	MW-1A	Date Received:	01/08/2025 10:30					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Barium	4.3 I	ug/L	12	3.0	1	01/09/2025 10:11	01/09/2025 19:45	J
Beryllium	2.0 U	ug/L	8.0	2.0	1	01/09/2025 10:11	01/09/2025 19:45	J
Cadmium	0.50 U	ug/L	2.0	0.50	1	01/09/2025 10:11	01/09/2025 19:45	J
Chromium	5.0 U	ug/L	20	5.0	1	01/09/2025 10:11	01/09/2025 19:45	J
Cobalt	1.0 U	ug/L	4.0	1.0	1	01/09/2025 10:11	01/09/2025 19:45	J
Copper	10 U	ug/L	40	10	1	01/09/2025 10:11	01/09/2025 19:45	J
Iron	200 U	ug/L	800	200	1	01/09/2025 10:11	01/09/2025 19:45	J
Lead	3.0 U	ug/L	12	3.0	1	01/09/2025 10:11	01/09/2025 19:45	J
Nickel	10 U	ug/L	40	10	1	01/09/2025 10:11	01/09/2025 19:45	J
Selenium	40 U	ug/L	160	40	1	01/09/2025 10:11	01/09/2025 19:45	J
Silver	8.0 U	ug/L	32	8.0	1	01/09/2025 10:11	01/09/2025 19:45	J
Sodium	1.7 I	mg/L	3.2	0.80	1	01/09/2025 10:11	01/09/2025 19:45	J
Vanadium	2.0 U	ug/L	8.0	2.0	1	01/09/2025 10:11	01/13/2025 15:01	J
Zinc	50 U	ug/L	200	50	1	01/09/2025 10:11	01/09/2025 19:45	J
METALS (SW-846 3010A/SW-846 6020)								
Antimony	1.0 U	ug/L	4.0	1.0	1	01/20/2025 18:03	01/21/2025 19:47	J
Arsenic	0.25 U	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 19:47	J
Thallium	0.25 U	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 19:47	J
METALS (SW-846 7470A)								
Mercury	0.011 U	ug/L	0.10	0.011	1	01/10/2025 08:47	01/10/2025 12:41	J
VOLATILES (SW-846 5030B/SW-846 8260D (SIM))								
1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	1	01/08/2025 16:22	01/08/2025 20:50	J
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	1	01/08/2025 16:22	01/08/2025 20:50	J
VOLATILES (SW-846 5030B/SW-846 8260D)								
1,1,1,2-Tetrachloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:50	J
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:50	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 20:50	J





FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID: J2500326004
Sample ID: MW-1A

Date Collected: 01/07/2025 10:36
Date Received: 01/08/2025 10:30

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:50	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:50	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:50	J
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:50	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:50	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:50	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:50	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:50	J
2-Butanone (MEK)	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:50	J
2-Hexanone	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:50	J
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:50	J
Acetone	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:50	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:50	J
Benzene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:50	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:50	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:50	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:50	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:50	J
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:50	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:50	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:50	J
Chloroethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:50	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:50	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:50	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 20:50	J
Dibromomethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:50	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:50	J

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Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID:	J2500326004	Date Collected:	01/07/2025 10:36			Matrix:	Water	
Sample ID:	MW-1A	Date Received:	01/08/2025 10:30					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Iodomethane (Methyl Iodide)	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:50	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	01/08/2025 16:22	01/08/2025 20:50	J
Styrene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:50	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:50	J
Toluene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:50	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:50	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:50	J
Vinyl Acetate	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:50	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 20:50	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	01/08/2025 16:22	01/08/2025 20:50	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:50	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 20:50	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:50	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 20:50	J
trans-1,4-Dichloro-2-butene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 20:50	J
WET CHEMISTRY (EPA 300.0)								
Chloride	2.0 U	mg/L	8.0	2.0	1	01/08/2025 14:22	01/08/2025 14:22	J
Nitrate (as N)	0.46 I	mg/L	0.80	0.20	1	01/08/2025 14:22	01/08/2025 14:22	J
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	0.062	mg/L	0.040	0.017	1	01/20/2025 09:47	01/20/2025 09:47	G
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	140	mg/L	10	10	1	01/08/2025 17:14	01/08/2025 17:14	J





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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Toluene-d8 (S)	ug/L	50	52	104	77 - 119	J
Toluene-d8 (S)	ug/L	50	48	96	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	50	101	86 - 123	J
1,2-Dichloroethane-d4 (S)	ug/L	50	50	101	70 - 128	J
1,2-Dichloroethane-d4 (S)	ug/L	50	46	92	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	51	103	86 - 123	J

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Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID:	J2500326005	Date Collected:				01/07/2025 11:40		Matrix:		Water
Sample ID:	MW-11	Date Received:				01/08/2025 10:30				
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab		
METALS (SW-846 3010A/SW-846 6010)										
Barium	17	ug/L	12	3.0	1	01/09/2025 10:11	01/09/2025 19:41	J		
Beryllium	2.0 U	ug/L	8.0	2.0	1	01/09/2025 10:11	01/09/2025 19:41	J		
Cadmium	1.4 I	ug/L	2.0	0.50	1	01/09/2025 10:11	01/09/2025 19:41	J		
Chromium	5.0 U	ug/L	20	5.0	1	01/09/2025 10:11	01/09/2025 19:41	J		
Cobalt	1.0 U	ug/L	4.0	1.0	1	01/09/2025 10:11	01/09/2025 19:41	J		
Copper	10 U	ug/L	40	10	1	01/09/2025 10:11	01/09/2025 19:41	J		
Iron	1200	ug/L	800	200	1	01/09/2025 10:11	01/09/2025 19:41	J		
Lead	3.0 U	ug/L	12	3.0	1	01/09/2025 10:11	01/09/2025 19:41	J		
Nickel	10 U	ug/L	40	10	1	01/09/2025 10:11	01/09/2025 19:41	J		
Selenium	40 U	ug/L	160	40	1	01/09/2025 10:11	01/09/2025 19:41	J		
Silver	8.0 U	ug/L	32	8.0	1	01/09/2025 10:11	01/09/2025 19:41	J		
Sodium	2.4 I	mg/L	3.2	0.80	1	01/09/2025 10:11	01/09/2025 19:41	J		
Vanadium	2.7 I	ug/L	8.0	2.0	1	01/09/2025 10:11	01/13/2025 14:57	J		
Zinc	50 U	ug/L	200	50	1	01/09/2025 10:11	01/09/2025 19:41	J		
METALS (SW-846 3010A/SW-846 6020)										
Antimony	1.0 U	ug/L	4.0	1.0	1	01/20/2025 18:03	01/21/2025 19:53	J		
Arsenic	0.43 I	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 19:53	J		
Thallium	0.25 U	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 19:53	J		
METALS (SW-846 7470A)										
Mercury	0.023 I	ug/L	0.10	0.011	1	01/10/2025 08:47	01/10/2025 12:45	J		
VOLATILES (SW-846 5030B/SW-846 8260D (SIM))										
1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	1	01/08/2025 16:22	01/08/2025 21:14	J		
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	1	01/08/2025 16:22	01/08/2025 21:14	J		
VOLATILES (SW-846 5030B/SW-846 8260D)										
1,1,1,2-Tetrachloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:14	J		
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:14	J		
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 21:14	J		





FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID: J2500326005
Sample ID: MW-11

Date Collected: 01/07/2025 11:40
Date Received: 01/08/2025 10:30

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:14	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:14	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:14	J
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:14	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:14	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:14	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:14	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:14	J
2-Butanone (MEK)	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:14	J
2-Hexanone	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:14	J
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:14	J
Acetone	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:14	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:14	J
Benzene	2.0	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:14	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:14	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:14	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:14	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:14	J
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:14	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:14	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:14	J
Chloroethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:14	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:14	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:14	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 21:14	J
Dibromomethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:14	J
Ethylbenzene	0.47 I	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:14	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID:	J2500326005	Date Collected:				01/07/2025 11:40			Matrix:	Water
Sample ID:	MW-11	Date Received:				01/08/2025 10:30				
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab		
Iodomethane (Methyl Iodide)	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:14	J		
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	01/08/2025 16:22	01/08/2025 21:14	J		
Styrene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:14	J		
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:14	J		
Toluene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:14	J		
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:14	J		
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:14	J		
Vinyl Acetate	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:14	J		
Vinyl Chloride	0.53 I	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:14	J		
Xylene (Total)	2.0 I	ug/L	3.0	0.75	1	01/08/2025 16:22	01/08/2025 21:14	J		
cis-1,2-Dichloroethylene	0.75 I	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:14	J		
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 21:14	J		
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:14	J		
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 21:14	J		
trans-1,4-Dichloro-2-butene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:14	J		
WET CHEMISTRY (EPA 300.0)										
Chloride	2.0 U	mg/L	8.0	2.0	1	01/08/2025 14:46	01/08/2025 14:46	J		
Nitrate (as N)	0.36 I	mg/L	0.80	0.20	1	01/08/2025 14:46	01/08/2025 14:46	J		
WET CHEMISTRY (EPA 350.1)										
Ammonia (N)	0.13	mg/L	0.040	0.017	1	01/20/2025 09:47	01/20/2025 09:47	G		
WET CHEMISTRY (SM 2540 C)										
Total Dissolved Solids	22	mg/L	10	10	1	01/08/2025 17:14	01/08/2025 17:14	J		





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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Toluene-d8 (S)	ug/L	50	52	104	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	52	103	86 - 123	J
1,2-Dichloroethane-d4 (S)	ug/L	50	51	101	70 - 128	J
Toluene-d8 (S)	ug/L	50	49	98	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	50	101	86 - 123	J
1,2-Dichloroethane-d4 (S)	ug/L	50	46	92	70 - 128	J

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Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID:	J2500326006	Date Collected:				01/07/2025 12:35		Matrix:	Water
Sample ID:	MW-12	Date Received:				01/08/2025 10:30			
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
METALS (SW-846 3010A/SW-846 6010)									
Barium	14	ug/L	12	3.0	1	01/09/2025 10:11	01/09/2025 19:36	J	
Beryllium	2.0 U	ug/L	8.0	2.0	1	01/09/2025 10:11	01/09/2025 19:36	J	
Cadmium	0.50 U	ug/L	2.0	0.50	1	01/09/2025 10:11	01/09/2025 19:36	J	
Chromium	5.0 U	ug/L	20	5.0	1	01/09/2025 10:11	01/09/2025 19:36	J	
Cobalt	1.0 U	ug/L	4.0	1.0	1	01/09/2025 10:11	01/09/2025 19:36	J	
Copper	10 U	ug/L	40	10	1	01/09/2025 10:11	01/09/2025 19:36	J	
Iron	200 U	ug/L	800	200	1	01/09/2025 10:11	01/09/2025 19:36	J	
Lead	3.0 U	ug/L	12	3.0	1	01/09/2025 10:11	01/09/2025 19:36	J	
Nickel	10 U	ug/L	40	10	1	01/09/2025 10:11	01/09/2025 19:36	J	
Selenium	40 U	ug/L	160	40	1	01/09/2025 10:11	01/09/2025 19:36	J	
Silver	8.0 U	ug/L	32	8.0	1	01/09/2025 10:11	01/09/2025 19:36	J	
Sodium	5.4	mg/L	3.2	0.80	1	01/09/2025 10:11	01/09/2025 19:36	J	
Vanadium	2.0 U	ug/L	8.0	2.0	1	01/09/2025 10:11	01/13/2025 14:47	J	
Zinc	50 U	ug/L	200	50	1	01/09/2025 10:11	01/09/2025 19:36	J	
METALS (SW-846 3010A/SW-846 6020)									
Antimony	1.0 U	ug/L	4.0	1.0	1	01/20/2025 18:03	01/21/2025 19:58	J	
Arsenic	0.25 U	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 19:58	J	
Thallium	0.25 U	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 19:58	J	
METALS (SW-846 7470A)									
Mercury	0.17	ug/L	0.10	0.011	1	01/10/2025 08:47	01/10/2025 12:49	J	
VOLATILES (SW-846 5030B/SW-846 8260D (SIM))									
1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	1	01/08/2025 16:22	01/08/2025 21:38	J	
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	1	01/08/2025 16:22	01/08/2025 21:38	J	
VOLATILES (SW-846 5030B/SW-846 8260D)									
1,1,1,2-Tetrachloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:38	J	
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:38	J	
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 21:38	J	





FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID: J2500326006
Sample ID: MW-12

Date Collected: 01/07/2025 12:35
Date Received: 01/08/2025 10:30

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:38	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:38	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:38	J
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:38	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:38	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:38	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:38	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:38	J
2-Butanone (MEK)	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:38	J
2-Hexanone	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:38	J
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:38	J
Acetone	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:38	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:38	J
Benzene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:38	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:38	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:38	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:38	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:38	J
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:38	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:38	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:38	J
Chloroethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:38	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:38	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:38	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 21:38	J
Dibromomethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:38	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:38	J

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Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID:	J2500326006	Date Collected:				01/07/2025 12:35		Matrix:	Water
Sample ID:	MW-12	Date Received:				01/08/2025 10:30			
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
Iodomethane (Methyl Iodide)	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:38	J	
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	01/08/2025 16:22	01/08/2025 21:38	J	
Styrene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:38	J	
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:38	J	
Toluene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:38	J	
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:38	J	
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:38	J	
Vinyl Acetate	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:38	J	
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 21:38	J	
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	01/08/2025 16:22	01/08/2025 21:38	J	
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:38	J	
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 21:38	J	
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:38	J	
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 21:38	J	
trans-1,4-Dichloro-2-butene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 21:38	J	
WET CHEMISTRY (EPA 300.0)									
Chloride	2.0 U	mg/L	8.0	2.0	1	01/08/2025 15:09	01/08/2025 15:09	J	
Nitrate (as N)	5.0	mg/L	0.80	0.20	1	01/08/2025 15:09	01/08/2025 15:09	J	
WET CHEMISTRY (EPA 350.1)									
Ammonia (N)	0.068	mg/L	0.040	0.017	1	01/20/2025 09:47	01/20/2025 09:47	G	
WET CHEMISTRY (SM 2540 C)									
Total Dissolved Solids	210	mg/L	10	10	1	01/08/2025 17:14	01/08/2025 17:14	J	





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Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Toluene-d8 (S)	ug/L	50	51	102	77 - 119	J
1,2-Dichloroethane-d4 (S)	ug/L	50	51	102	70 - 128	J
1,2-Dichloroethane-d4 (S)	ug/L	50	47	93	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	52	105	86 - 123	J
Bromofluorobenzene (S)	ug/L	50	51	102	86 - 123	J
Toluene-d8 (S)	ug/L	50	48	95	77 - 119	J

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Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID:	J2500326007	Date Collected:	01/07/2025 13:15			Matrix:	Water	
Sample ID:	MW-13	Date Received:	01/08/2025 10:30					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Barium	15	ug/L	12	3.0	1	01/09/2025 10:11	01/09/2025 19:32	J
Beryllium	2.0 U	ug/L	8.0	2.0	1	01/09/2025 10:11	01/09/2025 19:32	J
Cadmium	0.80 I	ug/L	2.0	0.50	1	01/09/2025 10:11	01/09/2025 19:32	J
Chromium	5.0 U	ug/L	20	5.0	1	01/09/2025 10:11	01/09/2025 19:32	J
Cobalt	1.0 U	ug/L	4.0	1.0	1	01/09/2025 10:11	01/09/2025 19:32	J
Copper	10 U	ug/L	40	10	1	01/09/2025 10:11	01/09/2025 19:32	J
Iron	200 U	ug/L	800	200	1	01/09/2025 10:11	01/09/2025 19:32	J
Lead	3.9 I	ug/L	12	3.0	1	01/09/2025 10:11	01/13/2025 14:43	J
Nickel	10 U	ug/L	40	10	1	01/09/2025 10:11	01/09/2025 19:32	J
Selenium	40 U	ug/L	160	40	1	01/09/2025 10:11	01/09/2025 19:32	J
Silver	8.0 U	ug/L	32	8.0	1	01/09/2025 10:11	01/09/2025 19:32	J
Sodium	5.2	mg/L	3.2	0.80	1	01/09/2025 10:11	01/09/2025 19:32	J
Vanadium	2.0 U	ug/L	8.0	2.0	1	01/09/2025 10:11	01/13/2025 14:43	J
Zinc	50 U	ug/L	200	50	1	01/09/2025 10:11	01/09/2025 19:32	J
METALS (SW-846 3010A/SW-846 6020)								
Antimony	1.0 U	ug/L	4.0	1.0	1	01/20/2025 18:03	01/21/2025 20:04	J
Arsenic	0.25 U	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 20:04	J
Thallium	0.25 U	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 20:04	J
METALS (SW-846 7470A)								
Mercury	0.011 U	ug/L	0.10	0.011	1	01/10/2025 08:47	01/10/2025 12:53	J
VOLATILES (SW-846 5030B/SW-846 8260D (SIM))								
1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	1	01/08/2025 16:22	01/08/2025 22:03	J
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	1	01/08/2025 16:22	01/08/2025 22:03	J
VOLATILES (SW-846 5030B/SW-846 8260D)								
1,1,1,2-Tetrachloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:03	J
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:03	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 22:03	J





FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID: J2500326007	Date Collected: 01/07/2025 13:15					Matrix: Water		
Sample ID: MW-13	Date Received: 01/08/2025 10:30							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:03	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:03	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:03	J
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:03	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:03	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:03	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:03	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:03	J
2-Butanone (MEK)	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:03	J
2-Hexanone	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:03	J
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:03	J
Acetone	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:03	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:03	J
Benzene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:03	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:03	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:03	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:03	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:03	J
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:03	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:03	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:03	J
Chloroethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:03	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:03	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:03	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 22:03	J
Dibromomethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:03	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:03	J

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Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID: J2500326007	Date Collected: 01/07/2025 13:15					Matrix: Water		
Sample ID: MW-13	Date Received: 01/08/2025 10:30							
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Iodomethane (Methyl Iodide)	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:03	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	01/08/2025 16:22	01/08/2025 22:03	J
Styrene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:03	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:03	J
Toluene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:03	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:03	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:03	J
Vinyl Acetate	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:03	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:03	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	01/08/2025 16:22	01/08/2025 22:03	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:03	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 22:03	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:03	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 22:03	J
trans-1,4-Dichloro-2-butene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:03	J
WET CHEMISTRY (EPA 300.0)								
Chloride	6.6 I	mg/L	8.0	2.0	1	01/08/2025 16:43	01/08/2025 16:43	J
Nitrate (as N)	11	mg/L	0.80	0.20	1	01/08/2025 16:43	01/08/2025 16:43	J
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	0.053	mg/L	0.040	0.017	1	01/20/2025 09:47	01/20/2025 09:47	G
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	90	mg/L	10	10	1	01/08/2025 17:14	01/08/2025 17:14	J





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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Toluene-d8 (S)	ug/L	50	52	104	77 - 119	J
1,2-Dichloroethane-d4 (S)	ug/L	50	46	91	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	50	100	86 - 123	J
Toluene-d8 (S)	ug/L	50	48	97	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	51	102	86 - 123	J
1,2-Dichloroethane-d4 (S)	ug/L	50	50	100	70 - 128	J

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Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID:	J2500326008	Date Collected:	01/07/2025 14:10			Matrix:	Water	
Sample ID:	MW-16	Date Received:	01/08/2025 10:30					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Barium	5.6 I	ug/L	12	3.0	1	01/09/2025 10:11	01/09/2025 19:28	J
Beryllium	2.0 U	ug/L	8.0	2.0	1	01/09/2025 10:11	01/09/2025 19:28	J
Cadmium	0.60 I	ug/L	2.0	0.50	1	01/09/2025 10:11	01/09/2025 19:28	J
Chromium	5.0 U	ug/L	20	5.0	1	01/09/2025 10:11	01/09/2025 19:28	J
Cobalt	1.0 U	ug/L	4.0	1.0	1	01/09/2025 10:11	01/09/2025 19:28	J
Copper	10 U	ug/L	40	10	1	01/09/2025 10:11	01/09/2025 19:28	J
Iron	200 U	ug/L	800	200	1	01/09/2025 10:11	01/09/2025 19:28	J
Lead	4.6 I	ug/L	12	3.0	1	01/09/2025 10:11	01/13/2025 14:39	J
Nickel	10 U	ug/L	40	10	1	01/09/2025 10:11	01/09/2025 19:28	J
Selenium	40 U	ug/L	160	40	1	01/09/2025 10:11	01/09/2025 19:28	J
Silver	8.0 U	ug/L	32	8.0	1	01/09/2025 10:11	01/09/2025 19:28	J
Sodium	2.8 I	mg/L	3.2	0.80	1	01/09/2025 10:11	01/09/2025 19:28	J
Vanadium	4.5 I	ug/L	8.0	2.0	1	01/09/2025 10:11	01/13/2025 14:39	J
Zinc	50 U	ug/L	200	50	1	01/09/2025 10:11	01/09/2025 19:28	J
METALS (SW-846 3010A/SW-846 6020)								
Antimony	1.0 U	ug/L	4.0	1.0	1	01/20/2025 18:03	01/21/2025 20:10	J
Arsenic	0.25 U	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 20:10	J
Thallium	0.25 U	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 20:10	J
METALS (SW-846 7470A)								
Mercury	0.015 I	ug/L	0.10	0.011	1	01/10/2025 08:47	01/10/2025 12:57	J
VOLATILES (SW-846 5030B/SW-846 8260D (SIM))								
1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	1	01/08/2025 16:22	01/08/2025 22:27	J
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	1	01/08/2025 16:22	01/08/2025 22:27	J
VOLATILES (SW-846 5030B/SW-846 8260D)								
1,1,1,2-Tetrachloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:27	J
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:27	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 22:27	J





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Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID: J2500326008
Sample ID: MW-16

Date Collected: 01/07/2025 14:10
Date Received: 01/08/2025 10:30

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:27	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:27	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:27	J
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:27	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:27	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:27	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:27	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:27	J
2-Butanone (MEK)	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:27	J
2-Hexanone	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:27	J
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:27	J
Acetone	0.91 I	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:27	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:27	J
Benzene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:27	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:27	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:27	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:27	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:27	J
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:27	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:27	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:27	J
Chloroethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:27	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:27	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:27	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 22:27	J
Dibromomethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:27	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:27	J

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Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID:	J2500326008	Date Collected:				01/07/2025 14:10			Matrix:	Water
Sample ID:	MW-16	Date Received:				01/08/2025 10:30				
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab		
Iodomethane (Methyl Iodide)	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:27	J		
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	01/08/2025 16:22	01/08/2025 22:27	J		
Styrene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:27	J		
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:27	J		
Toluene	1.1	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:27	J		
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:27	J		
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:27	J		
Vinyl Acetate	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:27	J		
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:27	J		
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	01/08/2025 16:22	01/08/2025 22:27	J		
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:27	J		
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 22:27	J		
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:27	J		
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 22:27	J		
trans-1,4-Dichloro-2-butene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:27	J		
WET CHEMISTRY (EPA 300.0)										
Chloride	2.5 I	mg/L	8.0	2.0	1	01/08/2025 17:54	01/08/2025 17:54	J		
Nitrate (as N)	0.24 I	mg/L	0.80	0.20	1	01/08/2025 17:54	01/08/2025 17:54	J		
WET CHEMISTRY (EPA 350.1)										
Ammonia (N)	0.064	mg/L	0.040	0.017	1	01/20/2025 09:47	01/20/2025 09:47	G		
WET CHEMISTRY (SM 2540 C)										
Total Dissolved Solids	130	mg/L	10	10	1	01/08/2025 17:14	01/08/2025 17:14	J		





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Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Toluene-d8 (S)	ug/L	50	53	106	77 - 119	J
Toluene-d8 (S)	ug/L	50	50	99	77 - 119	J
1,2-Dichloroethane-d4 (S)	ug/L	50	46	93	70 - 128	J
1,2-Dichloroethane-d4 (S)	ug/L	50	50	101	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	51	102	86 - 123	J
Bromofluorobenzene (S)	ug/L	50	52	104	86 - 123	J

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Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID:	J2500326009	Date Collected:	01/07/2025 14:50			Matrix:	Water	
Sample ID:	MW-15	Date Received:	01/08/2025 10:30					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Barium	3.6 I	ug/L	12	3.0	1	01/09/2025 10:11	01/09/2025 19:23	J
Beryllium	2.0 U	ug/L	8.0	2.0	1	01/09/2025 10:11	01/09/2025 19:23	J
Cadmium	0.50 U	ug/L	2.0	0.50	1	01/09/2025 10:11	01/09/2025 19:23	J
Chromium	5.0 U	ug/L	20	5.0	1	01/09/2025 10:11	01/09/2025 19:23	J
Cobalt	1.0 U	ug/L	4.0	1.0	1	01/09/2025 10:11	01/09/2025 19:23	J
Copper	10 U	ug/L	40	10	1	01/09/2025 10:11	01/09/2025 19:23	J
Iron	200 U	ug/L	800	200	1	01/09/2025 10:11	01/09/2025 19:23	J
Lead	3.0 U	ug/L	12	3.0	1	01/09/2025 10:11	01/09/2025 19:23	J
Nickel	10 U	ug/L	40	10	1	01/09/2025 10:11	01/09/2025 19:23	J
Selenium	40 U	ug/L	160	40	1	01/09/2025 10:11	01/09/2025 19:23	J
Silver	8.0 U	ug/L	32	8.0	1	01/09/2025 10:11	01/09/2025 19:23	J
Sodium	2.2 I	mg/L	3.2	0.80	1	01/09/2025 10:11	01/09/2025 19:23	J
Vanadium	4.8 I	ug/L	8.0	2.0	1	01/09/2025 10:11	01/13/2025 14:35	J
Zinc	50 U	ug/L	200	50	1	01/09/2025 10:11	01/09/2025 19:23	J
METALS (SW-846 3010A/SW-846 6020)								
Antimony	1.0 U	ug/L	4.0	1.0	1	01/20/2025 18:03	01/21/2025 20:15	J
Arsenic	0.25 U	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 20:15	J
Thallium	0.25 U	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 20:15	J
METALS (SW-846 7470A)								
Mercury	0.011 U	ug/L	0.10	0.011	1	01/10/2025 08:47	01/10/2025 13:01	J
VOLATILES (SW-846 5030B/SW-846 8260D (SIM))								
1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	1	01/08/2025 16:22	01/08/2025 22:52	J
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	1	01/08/2025 16:22	01/08/2025 22:52	J
VOLATILES (SW-846 5030B/SW-846 8260D)								
1,1,1,2-Tetrachloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:52	J
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:52	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 22:52	J





FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID: J2500326009
Sample ID: MW-15

Date Collected: 01/07/2025 14:50
Date Received: 01/08/2025 10:30

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:52	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:52	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:52	J
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:52	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:52	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:52	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:52	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:52	J
2-Butanone (MEK)	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:52	J
2-Hexanone	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:52	J
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:52	J
Acetone	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:52	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:52	J
Benzene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:52	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:52	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:52	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:52	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:52	J
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:52	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:52	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:52	J
Chloroethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:52	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:52	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:52	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 22:52	J
Dibromomethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:52	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:52	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID:	J2500326009	Date Collected:				01/07/2025 14:50			Matrix:	Water
Sample ID:	MW-15	Date Received:				01/08/2025 10:30				
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab		
Iodomethane (Methyl Iodide)	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:52	J		
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	01/08/2025 16:22	01/08/2025 22:52	J		
Styrene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:52	J		
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:52	J		
Toluene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:52	J		
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:52	J		
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:52	J		
Vinyl Acetate	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:52	J		
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 22:52	J		
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	01/08/2025 16:22	01/08/2025 22:52	J		
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:52	J		
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 22:52	J		
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:52	J		
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 22:52	J		
trans-1,4-Dichloro-2-butene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 22:52	J		
WET CHEMISTRY (EPA 300.0)										
Chloride	2.4 I	mg/L	8.0	2.0	1	01/08/2025 18:18	01/08/2025 18:18	J		
Nitrate (as N)	0.63 I	mg/L	0.80	0.20	1	01/08/2025 18:18	01/08/2025 18:18	J		
WET CHEMISTRY (EPA 350.1)										
Ammonia (N)	0.056	mg/L	0.040	0.017	1	01/20/2025 09:47	01/20/2025 09:47	G		
WET CHEMISTRY (SM 2540 C)										
Total Dissolved Solids	97	mg/L	10	10	1	01/08/2025 17:14	01/08/2025 17:14	J		





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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Bromofluorobenzene (S)	ug/L	50	50	101	86 - 123	J
1,2-Dichloroethane-d4 (S)	ug/L	50	47	94	70 - 128	J
Toluene-d8 (S)	ug/L	50	47	94	77 - 119	J
Toluene-d8 (S)	ug/L	50	50	100	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	51	103	86 - 123	J
1,2-Dichloroethane-d4 (S)	ug/L	50	51	103	70 - 128	J

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Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID: J2500326010				Date Collected: 01/07/2025 00:00		Matrix: Water		
Sample ID: Trip Blank-1				Date Received: 01/08/2025 10:30				
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260D (SIM))								
1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	1	01/08/2025 16:22	01/08/2025 23:16	J
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	1	01/08/2025 16:22	01/08/2025 23:16	J
VOLATILES (SW-846 5030B/SW-846 8260D)								
1,1,1,2-Tetrachloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 23:16	J
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 23:16	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 23:16	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 23:16	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 23:16	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 23:16	J
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 23:16	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 23:16	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 23:16	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 23:16	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 23:16	J
2-Butanone (MEK)	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 23:16	J
2-Hexanone	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 23:16	J
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 23:16	J
Acetone	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 23:16	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 23:16	J
Benzene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 23:16	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 23:16	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 23:16	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 23:16	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 23:16	J
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 23:16	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 23:16	J





FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID: J2500326010
Sample ID: Trip Blank-1

Date Collected: 01/07/2025 00:00
Date Received: 01/08/2025 10:30

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 23:16	J
Chloroethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 23:16	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 23:16	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 23:16	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 23:16	J
Dibromomethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 23:16	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 23:16	J
Iodomethane (Methyl Iodide)	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 23:16	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	01/08/2025 16:22	01/08/2025 23:16	J
Styrene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 23:16	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 23:16	J
Toluene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 23:16	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 23:16	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 23:16	J
Vinyl Acetate	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 23:16	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	01/08/2025 16:22	01/08/2025 23:16	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	01/08/2025 16:22	01/08/2025 23:16	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 23:16	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 23:16	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 23:16	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	01/08/2025 16:22	01/08/2025 23:16	J
trans-1,4-Dichloro-2-butene	0.50 U	ug/L	2.0	0.50	1	01/08/2025 16:22	01/08/2025 23:16	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	51	101	70 - 128	J
Toluene-d8 (S)	ug/L	50	51	103	77 - 119	J
Toluene-d8 (S)	ug/L	50	48	96	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	53	106	86 - 123	J
1,2-Dichloroethane-d4 (S)	ug/L	50	46	92	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	52	104	86 - 123	J

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Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID:	J2500326011	Date Collected:	01/08/2025 07:25			Matrix:	Water	
Sample ID:	MW-17	Date Received:	01/09/2025 08:09					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Barium	4.3 I	ug/L	12	3.0	1	01/10/2025 11:40	01/11/2025 00:00	J
Beryllium	2.0 U	ug/L	8.0	2.0	1	01/10/2025 11:40	01/11/2025 00:00	J
Cadmium	0.50 U	ug/L	2.0	0.50	1	01/10/2025 11:40	01/11/2025 00:00	J
Chromium	5.0 U	ug/L	20	5.0	1	01/10/2025 11:40	01/11/2025 00:00	J
Cobalt	1.0 U	ug/L	4.0	1.0	1	01/10/2025 11:40	01/11/2025 00:00	J
Copper	10 U	ug/L	40	10	1	01/10/2025 11:40	01/11/2025 00:00	J
Iron	200 U	ug/L	800	200	1	01/10/2025 11:40	01/14/2025 19:54	J
Lead	3.0 U	ug/L	12	3.0	1	01/10/2025 11:40	01/11/2025 00:00	J
Nickel	10 U	ug/L	40	10	1	01/10/2025 11:40	01/11/2025 00:00	J
Selenium	40 U	ug/L	160	40	1	01/10/2025 11:40	01/11/2025 00:00	J
Silver	8.0 U	ug/L	32	8.0	1	01/10/2025 11:40	01/11/2025 00:00	J
Sodium	3.4	mg/L	3.2	0.80	1	01/10/2025 11:40	01/11/2025 00:00	J
Vanadium	3.0 I	ug/L	8.0	2.0	1	01/10/2025 11:40	01/11/2025 00:00	J
Zinc	50 U	ug/L	200	50	1	01/10/2025 11:40	01/11/2025 00:00	J
METALS (SW-846 3010A/SW-846 6020)								
Antimony	1.0 U	ug/L	4.0	1.0	1	01/20/2025 18:03	01/21/2025 20:21	J
Arsenic	0.25 U	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 20:21	J
Thallium	0.25 U	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 20:21	J
METALS (SW-846 7470A)								
Mercury	0.011 U	ug/L	0.10	0.011	1	01/10/2025 08:47	01/10/2025 13:05	J
VOLATILES (SW-846 5030B/SW-846 8260D (SIM))								
1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	1	01/09/2025 12:29	01/09/2025 15:19	J
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	1	01/09/2025 12:29	01/09/2025 15:19	J
VOLATILES (SW-846 5030B/SW-846 8260D)								
1,1,1,2-Tetrachloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:19	J
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:19	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 15:19	J





FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID: J2500326011
Sample ID: MW-17

Date Collected: 01/08/2025 07:25
Date Received: 01/09/2025 08:09

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:19	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:19	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:19	J
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:19	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:19	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:19	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:19	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:19	J
2-Butanone (MEK)	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:19	J
2-Hexanone	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:19	J
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:19	J
Acetone	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:19	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:19	J
Benzene	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:19	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:19	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:19	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:19	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:19	J
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:19	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:19	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:19	J
Chloroethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:19	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:19	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:19	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 15:19	J
Dibromomethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:19	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:19	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID: J2500326011	Date Collected: 01/08/2025 07:25	Matrix: Water
Sample ID: MW-17	Date Received: 01/09/2025 08:09	

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Iodomethane (Methyl Iodide)	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:19	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	01/09/2025 12:29	01/09/2025 15:19	J
Styrene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:19	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:19	J
Toluene	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:19	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:19	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:19	J
Vinyl Acetate	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:19	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:19	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	01/09/2025 12:29	01/09/2025 15:19	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:19	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 15:19	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:19	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 15:19	J
trans-1,4-Dichloro-2-butene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:19	J
WET CHEMISTRY (EPA 300.0)								
Chloride	3.2 I	mg/L	8.0	2.0	1	01/09/2025 14:45	01/09/2025 14:45	J
Nitrate (as N)	0.77 I	mg/L	0.80	0.20	1	01/09/2025 14:45	01/09/2025 14:45	J
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	0.067	mg/L	0.040	0.017	1	01/20/2025 09:47	01/20/2025 09:47	G
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	120	mg/L	10	10	1	01/13/2025 17:03	01/13/2025 17:03	J





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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	46	91	70 - 128	J
Toluene-d8 (S)	ug/L	50	53	105	77 - 119	J
Toluene-d8 (S)	ug/L	50	49	98	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	50	101	86 - 123	J
Bromofluorobenzene (S)	ug/L	50	52	104	86 - 123	J
1,2-Dichloroethane-d4 (S)	ug/L	50	50	100	70 - 128	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID:	J2500326012	Date Collected:	01/08/2025 08:30			Matrix:	Water		
Sample ID:	MW-4A	Date Received:	01/09/2025 08:09						
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
METALS (SW-846 3010A/SW-846 6010)									
Barium	26	ug/L	12	3.0	1	01/10/2025 11:40	01/11/2025 00:04	J	
Beryllium	2.0 U	ug/L	8.0	2.0	1	01/10/2025 11:40	01/11/2025 00:04	J	
Cadmium	0.50 U	ug/L	2.0	0.50	1	01/10/2025 11:40	01/11/2025 00:04	J	
Chromium	5.0 U	ug/L	20	5.0	1	01/10/2025 11:40	01/11/2025 00:04	J	
Cobalt	1.0 U	ug/L	4.0	1.0	1	01/10/2025 11:40	01/11/2025 00:04	J	
Copper	10 U	ug/L	40	10	1	01/10/2025 11:40	01/11/2025 00:04	J	
Iron	300 I	ug/L	800	200	1	01/10/2025 11:40	01/14/2025 19:58	J	
Lead	3.0 U	ug/L	12	3.0	1	01/10/2025 11:40	01/11/2025 00:04	J	
Nickel	10 U	ug/L	40	10	1	01/10/2025 11:40	01/11/2025 00:04	J	
Selenium	40 U	ug/L	160	40	1	01/10/2025 11:40	01/11/2025 00:04	J	
Silver	8.0 U	ug/L	32	8.0	1	01/10/2025 11:40	01/11/2025 00:04	J	
Sodium	13	mg/L	3.2	0.80	1	01/10/2025 11:40	01/11/2025 00:04	J	
Vanadium	2.0 U	ug/L	8.0	2.0	1	01/10/2025 11:40	01/11/2025 00:04	J	
Zinc	50 U	ug/L	200	50	1	01/10/2025 11:40	01/11/2025 00:04	J	
METALS (SW-846 3010A/SW-846 6020)									
Antimony	1.0 U	ug/L	4.0	1.0	1	01/20/2025 18:03	01/21/2025 20:27	J	
Arsenic	0.54 I	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 20:27	J	
Thallium	0.25 U	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 20:27	J	
METALS (SW-846 7470A)									
Mercury	0.016 I	ug/L	0.10	0.011	1	01/10/2025 08:47	01/10/2025 13:09	J	
VOLATILES (SW-846 5030B/SW-846 8260D (SIM))									
1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	1	01/09/2025 12:29	01/09/2025 15:44	J	
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	1	01/09/2025 12:29	01/09/2025 15:44	J	
VOLATILES (SW-846 5030B/SW-846 8260D)									
1,1,1,2-Tetrachloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:44	J	
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:44	J	
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 15:44	J	





FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID: J2500326012
Sample ID: MW-4A

Date Collected: 01/08/2025 08:30
Date Received: 01/09/2025 08:09

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:44	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:44	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:44	J
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:44	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:44	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:44	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:44	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:44	J
2-Butanone (MEK)	0.47 I	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:44	J
2-Hexanone	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:44	J
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:44	J
Acetone	78	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:44	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:44	J
Benzene	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:44	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:44	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:44	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:44	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:44	J
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:44	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:44	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:44	J
Chloroethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:44	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:44	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:44	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 15:44	J
Dibromomethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:44	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:44	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID:	J2500326012	Date Collected:				01/08/2025 08:30	Matrix:		Water
Sample ID:	MW-4A	Date Received:				01/09/2025 08:09			
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
Iodomethane (Methyl Iodide)	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:44	J	
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	01/09/2025 12:29	01/09/2025 15:44	J	
Styrene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:44	J	
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:44	J	
Toluene	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:44	J	
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:44	J	
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:44	J	
Vinyl Acetate	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:44	J	
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 15:44	J	
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	01/09/2025 12:29	01/09/2025 15:44	J	
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:44	J	
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 15:44	J	
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:44	J	
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 15:44	J	
trans-1,4-Dichloro-2-butene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 15:44	J	
WET CHEMISTRY (EPA 300.0)									
Chloride	37	mg/L	8.0	2.0	1	01/09/2025 15:09	01/09/2025 15:09	J	
Nitrate (as N)	0.21 I	mg/L	0.80	0.20	1	01/09/2025 15:09	01/09/2025 15:09	J	
WET CHEMISTRY (EPA 350.1)									
Ammonia (N)	0.86	mg/L	0.040	0.017	1	01/21/2025 12:19	01/21/2025 12:19	G	
WET CHEMISTRY (SM 2540 C)									
Total Dissolved Solids	120	mg/L	10	10	1	01/13/2025 17:03	01/13/2025 17:03	J	





FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Analysis Results Comments

Ammonia (N)

J4|Estimated Result

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Toluene-d8 (S)	ug/L	50	51	102	77 - 119	J
Toluene-d8 (S)	ug/L	50	48	96	77 - 119	J
1,2-Dichloroethane-d4 (S)	ug/L	50	50	101	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	52	105	86 - 123	J
1,2-Dichloroethane-d4 (S)	ug/L	50	46	92	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	51	103	86 - 123	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID:	J2500326013	Date Collected:	01/08/2025 09:35			Matrix:	Water	
Sample ID:	MW-5A	Date Received:	01/09/2025 08:09					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Barium	8.9 I	ug/L	12	3.0	1	01/10/2025 11:40	01/11/2025 00:08	J
Beryllium	2.0 U	ug/L	8.0	2.0	1	01/10/2025 11:40	01/11/2025 00:08	J
Cadmium	0.50 U	ug/L	2.0	0.50	1	01/10/2025 11:40	01/11/2025 00:08	J
Chromium	5.0 U	ug/L	20	5.0	1	01/10/2025 11:40	01/11/2025 00:08	J
Cobalt	1.0 U	ug/L	4.0	1.0	1	01/10/2025 11:40	01/11/2025 00:08	J
Copper	10 U	ug/L	40	10	1	01/10/2025 11:40	01/11/2025 00:08	J
Iron	1900	ug/L	800	200	1	01/10/2025 11:40	01/14/2025 20:03	J
Lead	3.0 U	ug/L	12	3.0	1	01/10/2025 11:40	01/11/2025 00:08	J
Nickel	10 U	ug/L	40	10	1	01/10/2025 11:40	01/11/2025 00:08	J
Selenium	40 U	ug/L	160	40	1	01/10/2025 11:40	01/11/2025 00:08	J
Silver	8.0 U	ug/L	32	8.0	1	01/10/2025 11:40	01/11/2025 00:08	J
Sodium	54	mg/L	3.2	0.80	1	01/10/2025 11:40	01/11/2025 00:08	J
Vanadium	3.5 I	ug/L	8.0	2.0	1	01/10/2025 11:40	01/11/2025 00:08	J
Zinc	50 U	ug/L	200	50	1	01/10/2025 11:40	01/11/2025 00:08	J
METALS (SW-846 3010A/SW-846 6020)								
Antimony	1.0 U	ug/L	4.0	1.0	1	01/20/2025 18:03	01/21/2025 20:32	J
Arsenic	1.3	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 20:32	J
Thallium	0.25 U	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 20:32	J
METALS (SW-846 7470A)								
Mercury	0.096 I	ug/L	0.10	0.011	1	01/10/2025 08:47	01/10/2025 13:13	J
VOLATILES (SW-846 5030B/SW-846 8260D (SIM))								
1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	1	01/09/2025 12:29	01/09/2025 16:08	J
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	1	01/09/2025 12:29	01/09/2025 16:08	J
VOLATILES (SW-846 5030B/SW-846 8260D)								
1,1,1,2-Tetrachloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:08	J
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:08	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 16:08	J





FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID: J2500326013
Sample ID: MW-5A

Date Collected: 01/08/2025 09:35
Date Received: 01/09/2025 08:09

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:08	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:08	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:08	J
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:08	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:08	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:08	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:08	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:08	J
2-Butanone (MEK)	14	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:08	J
2-Hexanone	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:08	J
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:08	J
Acetone	99	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:08	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:08	J
Benzene	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:08	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:08	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:08	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:08	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:08	J
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:08	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:08	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:08	J
Chloroethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:08	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:08	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:08	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 16:08	J
Dibromomethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:08	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:08	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID:	J2500326013	Date Collected:				01/08/2025 09:35	Matrix:		Water
Sample ID:	MW-5A	Date Received:				01/09/2025 08:09			
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
Iodomethane (Methyl Iodide)	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:08	J	
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	01/09/2025 12:29	01/09/2025 16:08	J	
Styrene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:08	J	
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:08	J	
Toluene	54	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:08	J	
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:08	J	
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:08	J	
Vinyl Acetate	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:08	J	
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:08	J	
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	01/09/2025 12:29	01/09/2025 16:08	J	
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:08	J	
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 16:08	J	
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:08	J	
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 16:08	J	
trans-1,4-Dichloro-2-butene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:08	J	
WET CHEMISTRY (EPA 300.0)									
Chloride	88	mg/L	40	10	5	01/09/2025 15:32	01/09/2025 15:32	J	
Nitrate (as N)	1.0 U	mg/L	4.0	1.0	5	01/09/2025 15:32	01/09/2025 15:32	J	
WET CHEMISTRY (EPA 350.1)									
Ammonia (N)	6.5	mg/L	0.40	0.17	10	01/20/2025 09:47	01/20/2025 09:47	G	
WET CHEMISTRY (SM 2540 C)									
Total Dissolved Solids	530	mg/L	10	10	1	01/13/2025 17:03	01/13/2025 17:03	J	





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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	46	91	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	52	103	86 - 123	J
Toluene-d8 (S)	ug/L	50	51	103	77 - 119	J
Toluene-d8 (S)	ug/L	50	48	96	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	52	105	86 - 123	J
1,2-Dichloroethane-d4 (S)	ug/L	50	50	100	70 - 128	J

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Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID:	J2500326014	Date Collected:				01/08/2025 10:40		Matrix:	Water
Sample ID:	MW-6A	Date Received:				01/09/2025 08:09			
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
METALS (SW-846 3010A/SW-846 6010)									
Barium	16	ug/L	12	3.0	1	01/10/2025 11:40	01/11/2025 00:13	J	
Beryllium	2.0 U	ug/L	8.0	2.0	1	01/10/2025 11:40	01/11/2025 00:13	J	
Cadmium	0.50 U	ug/L	2.0	0.50	1	01/10/2025 11:40	01/11/2025 00:13	J	
Chromium	5.0 U	ug/L	20	5.0	1	01/10/2025 11:40	01/11/2025 00:13	J	
Cobalt	1.0 U	ug/L	4.0	1.0	1	01/10/2025 11:40	01/11/2025 00:13	J	
Copper	10 U	ug/L	40	10	1	01/10/2025 11:40	01/11/2025 00:13	J	
Iron	440 I	ug/L	800	200	1	01/10/2025 11:40	01/14/2025 20:07	J	
Lead	3.0 U	ug/L	12	3.0	1	01/10/2025 11:40	01/11/2025 00:13	J	
Nickel	10 U	ug/L	40	10	1	01/10/2025 11:40	01/11/2025 00:13	J	
Selenium	40 U	ug/L	160	40	1	01/10/2025 11:40	01/11/2025 00:13	J	
Silver	8.0 U	ug/L	32	8.0	1	01/10/2025 11:40	01/11/2025 00:13	J	
Sodium	42	mg/L	3.2	0.80	1	01/10/2025 11:40	01/11/2025 00:13	J	
Vanadium	2.0 U	ug/L	8.0	2.0	1	01/10/2025 11:40	01/11/2025 00:13	J	
Zinc	50 U	ug/L	200	50	1	01/10/2025 11:40	01/11/2025 00:13	J	
METALS (SW-846 3010A/SW-846 6020)									
Antimony	1.0 U	ug/L	4.0	1.0	1	01/20/2025 18:03	01/21/2025 20:50	J	
Arsenic	0.30 I	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 20:50	J	
Thallium	0.25 U	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 20:50	J	
METALS (SW-846 7470A)									
Mercury	0.11	ug/L	0.10	0.011	1	01/10/2025 08:47	01/10/2025 13:25	J	
VOLATILES (SW-846 5030B/SW-846 8260D (SIM))									
1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	1	01/09/2025 12:29	01/09/2025 16:33	J	
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	1	01/09/2025 12:29	01/09/2025 16:33	J	
VOLATILES (SW-846 5030B/SW-846 8260D)									
1,1,1,2-Tetrachloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:33	J	
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:33	J	
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 16:33	J	





FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID: J2500326014
Sample ID: MW-6A

Date Collected: 01/08/2025 10:40
Date Received: 01/09/2025 08:09

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:33	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:33	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:33	J
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:33	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:33	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:33	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:33	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:33	J
2-Butanone (MEK)	1.4	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:33	J
2-Hexanone	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:33	J
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:33	J
Acetone	260	ug/L	10	2.5	5	01/09/2025 12:29	01/10/2025 09:32	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:33	J
Benzene	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:33	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:33	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:33	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:33	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:33	J
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:33	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:33	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:33	J
Chloroethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:33	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:33	J
Chloromethane	1.5	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:33	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 16:33	J
Dibromomethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:33	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:33	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID:	J2500326014	Date Collected:				01/08/2025 10:40		Matrix:	Water
Sample ID:	MW-6A	Date Received:				01/09/2025 08:09			
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
Iodomethane (Methyl Iodide)	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:33	J	
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	01/09/2025 12:29	01/09/2025 16:33	J	
Styrene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:33	J	
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:33	J	
Toluene	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:33	J	
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:33	J	
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:33	J	
Vinyl Acetate	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:33	J	
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:33	J	
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	01/09/2025 12:29	01/09/2025 16:33	J	
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:33	J	
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 16:33	J	
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:33	J	
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 16:33	J	
trans-1,4-Dichloro-2-butene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:33	J	
WET CHEMISTRY (EPA 300.0)									
Chloride	50	mg/L	8.0	2.0	1	01/09/2025 15:56	01/09/2025 15:56	J	
Nitrate (as N)	0.20 U	mg/L	0.80	0.20	1	01/09/2025 15:56	01/09/2025 15:56	J	
WET CHEMISTRY (EPA 350.1)									
Ammonia (N)	2.4	mg/L	0.20	0.087	5	01/20/2025 09:47	01/20/2025 09:47	G	
WET CHEMISTRY (SM 2540 C)									
Total Dissolved Solids	190	mg/L	10	10	1	01/13/2025 17:03	01/13/2025 17:03	J	





FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Analysis Results Comments

Chloromethane

J3|Lab QC Failure

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	52	104	70 - 128	J
Toluene-d8 (S)	ug/L	50	52	104	77 - 119	J
Toluene-d8 (S)	ug/L	50	48	97	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	52	105	86 - 123	J
Bromofluorobenzene (S)	ug/L	50	51	101	86 - 123	J
1,2-Dichloroethane-d4 (S)	ug/L	50	47	95	70 - 128	J

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Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID: J2500326015
Sample ID: MW-7A

Date Collected: 01/08/2025 12:00
Date Received: 01/09/2025 08:09

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Barium	22	ug/L	12	3.0	1	01/10/2025 11:40	01/11/2025 00:17	J
Beryllium	2.0 U	ug/L	8.0	2.0	1	01/10/2025 11:40	01/11/2025 00:17	J
Cadmium	0.50 U	ug/L	2.0	0.50	1	01/10/2025 11:40	01/11/2025 00:17	J
Chromium	5.0 U	ug/L	20	5.0	1	01/10/2025 11:40	01/11/2025 00:17	J
Cobalt	10	ug/L	4.0	1.0	1	01/10/2025 11:40	01/11/2025 00:17	J
Copper	10 U	ug/L	40	10	1	01/10/2025 11:40	01/11/2025 00:17	J
Iron	9500	ug/L	800	200	1	01/10/2025 11:40	01/14/2025 20:11	J
Lead	3.0 U	ug/L	12	3.0	1	01/10/2025 11:40	01/11/2025 00:17	J
Nickel	10 U	ug/L	40	10	1	01/10/2025 11:40	01/11/2025 00:17	J
Selenium	40 U	ug/L	160	40	1	01/10/2025 11:40	01/11/2025 00:17	J
Silver	8.0 U	ug/L	32	8.0	1	01/10/2025 11:40	01/11/2025 00:17	J
Sodium	58	mg/L	3.2	0.80	1	01/10/2025 11:40	01/11/2025 00:17	J
Vanadium	2.7 I	ug/L	8.0	2.0	1	01/10/2025 11:40	01/11/2025 00:17	J
Zinc	50 U	ug/L	200	50	1	01/10/2025 11:40	01/11/2025 00:17	J
METALS (SW-846 3010A/SW-846 6020)								
Antimony	1.0 U	ug/L	4.0	1.0	1	01/20/2025 18:03	01/21/2025 20:55	J
Arsenic	3.4	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 20:55	J
Thallium	0.25 U	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 20:55	J
METALS (SW-846 7470A)								
Mercury	0.011 U	ug/L	0.10	0.011	1	01/10/2025 08:47	01/10/2025 13:29	J
VOLATILES (SW-846 5030B/SW-846 8260D (SIM))								
1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	1	01/09/2025 12:29	01/09/2025 16:57	J
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	1	01/09/2025 12:29	01/09/2025 16:57	J
VOLATILES (SW-846 5030B/SW-846 8260D)								
1,1,1,2-Tetrachloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:57	J
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:57	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 16:57	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID: J2500326015
Sample ID: MW-7A

Date Collected: 01/08/2025 12:00
Date Received: 01/09/2025 08:09

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:57	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:57	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:57	J
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:57	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:57	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:57	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:57	J
1,4-Dichlorobenzene	2.2	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:57	J
2-Butanone (MEK)	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:57	J
2-Hexanone	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:57	J
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:57	J
Acetone	3.3	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:57	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:57	J
Benzene	380	ug/L	5.0	1.2	5	01/09/2025 12:29	01/10/2025 09:56	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:57	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:57	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:57	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:57	J
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:57	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:57	J
Chlorobenzene	1.0 I	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:57	J
Chloroethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:57	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:57	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:57	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 16:57	J
Dibromomethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:57	J
Ethylbenzene	0.69 I	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:57	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID:	J2500326015	Date Collected:				01/08/2025 12:00	Matrix:	Water
Sample ID:	MW-7A	Date Received:				01/09/2025 08:09		
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Iodomethane (Methyl Iodide)	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:57	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	01/09/2025 12:29	01/09/2025 16:57	J
Styrene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:57	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:57	J
Toluene	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:57	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:57	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:57	J
Vinyl Acetate	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:57	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 16:57	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	01/09/2025 12:29	01/09/2025 16:57	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:57	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 16:57	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:57	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 16:57	J
trans-1,4-Dichloro-2-butene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 16:57	J
WET CHEMISTRY (EPA 300.0)								
Chloride	66	mg/L	40	10	5	01/09/2025 17:30	01/09/2025 17:30	J
Nitrate (as N)	1.2 I	mg/L	4.0	1.0	5	01/09/2025 17:30	01/09/2025 17:30	J
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	4.9	mg/L	0.40	0.17	10	01/20/2025 09:47	01/20/2025 09:47	G
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	620	mg/L	10	10	1	01/13/2025 17:03	01/13/2025 17:03	J





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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Toluene-d8 (S)	ug/L	50	54	107	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	52	103	86 - 123	J
Bromofluorobenzene (S)	ug/L	50	53	105	86 - 123	J
Toluene-d8 (S)	ug/L	50	50	99	77 - 119	J
1,2-Dichloroethane-d4 (S)	ug/L	50	47	94	70 - 128	J
1,2-Dichloroethane-d4 (S)	ug/L	50	43	85	70 - 128	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID:	J2500326016	Date Collected:				01/08/2025 13:20		Matrix:	Water
Sample ID:	MW-8A	Date Received:				01/09/2025 08:09			
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
METALS (SW-846 3010A/SW-846 6010)									
Barium	13	ug/L	12	3.0	1	01/10/2025 11:40	01/11/2025 00:21	J	
Beryllium	2.0 U	ug/L	8.0	2.0	1	01/10/2025 11:40	01/11/2025 00:21	J	
Cadmium	0.50 U	ug/L	2.0	0.50	1	01/10/2025 11:40	01/11/2025 00:21	J	
Chromium	5.0 U	ug/L	20	5.0	1	01/10/2025 11:40	01/11/2025 00:21	J	
Cobalt	2.9 I	ug/L	4.0	1.0	1	01/10/2025 11:40	01/11/2025 00:21	J	
Copper	10 U	ug/L	40	10	1	01/10/2025 11:40	01/11/2025 00:21	J	
Iron	6800	ug/L	800	200	1	01/10/2025 11:40	01/14/2025 20:15	J	
Lead	3.0 U	ug/L	12	3.0	1	01/10/2025 11:40	01/11/2025 00:21	J	
Nickel	10 U	ug/L	40	10	1	01/10/2025 11:40	01/11/2025 00:21	J	
Selenium	40 U	ug/L	160	40	1	01/10/2025 11:40	01/11/2025 00:21	J	
Silver	8.0 U	ug/L	32	8.0	1	01/10/2025 11:40	01/11/2025 00:21	J	
Sodium	120	mg/L	3.2	0.80	1	01/10/2025 11:40	01/11/2025 00:21	J	
Vanadium	11	ug/L	8.0	2.0	1	01/10/2025 11:40	01/11/2025 00:21	J	
Zinc	50 U	ug/L	200	50	1	01/10/2025 11:40	01/11/2025 00:21	J	
METALS (SW-846 3010A/SW-846 6020)									
Antimony	1.0 U	ug/L	4.0	1.0	1	01/20/2025 18:03	01/21/2025 21:01	J	
Arsenic	3.5	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 21:01	J	
Thallium	0.25 U	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 21:01	J	
METALS (SW-846 7470A)									
Mercury	0.025 I	ug/L	0.10	0.011	1	01/10/2025 08:47	01/10/2025 13:33	J	
VOLATILES (SW-846 5030B/SW-846 8260D (SIM))									
1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	1	01/09/2025 12:29	01/09/2025 17:21	J	
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	1	01/09/2025 12:29	01/09/2025 17:21	J	
VOLATILES (SW-846 5030B/SW-846 8260D)									
1,1,1,2-Tetrachloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:21	J	
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:21	J	
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 17:21	J	





FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID: J2500326016
Sample ID: MW-8A

Date Collected: 01/08/2025 13:20
Date Received: 01/09/2025 08:09

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:21	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:21	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:21	J
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:21	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:21	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:21	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:21	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:21	J
2-Butanone (MEK)	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:21	J
2-Hexanone	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:21	J
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:21	J
Acetone	2.3	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:21	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:21	J
Benzene	25	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:21	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:21	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:21	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:21	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:21	J
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:21	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:21	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:21	J
Chloroethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:21	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:21	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:21	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 17:21	J
Dibromomethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:21	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:21	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID: J2500326016
Sample ID: MW-8A

Date Collected: 01/08/2025 13:20
Date Received: 01/09/2025 08:09

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Iodomethane (Methyl Iodide)	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:21	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	01/09/2025 12:29	01/09/2025 17:21	J
Styrene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:21	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:21	J
Toluene	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:21	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:21	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:21	J
Vinyl Acetate	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:21	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:21	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	01/09/2025 12:29	01/09/2025 17:21	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:21	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 17:21	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:21	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 17:21	J
trans-1,4-Dichloro-2-butene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:21	J
WET CHEMISTRY (EPA 300.0)								
Chloride	130	mg/L	40	10	5	01/09/2025 18:40	01/09/2025 18:40	J
Nitrate (as N)	1.3 I	mg/L	4.0	1.0	5	01/09/2025 18:40	01/09/2025 18:40	J
WET CHEMISTRY (EPA 350.1)								
Ammonia (N)	5.2	mg/L	0.40	0.17	10	01/20/2025 09:47	01/20/2025 09:47	G
WET CHEMISTRY (SM 2540 C)								
Total Dissolved Solids	620	mg/L	10	10	1	01/13/2025 17:03	01/13/2025 17:03	J





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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Toluene-d8 (S)	ug/L	50	51	102	77 - 119	J
Toluene-d8 (S)	ug/L	50	48	96	77 - 119	J
1,2-Dichloroethane-d4 (S)	ug/L	50	50	101	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	51	103	86 - 123	J
1,2-Dichloroethane-d4 (S)	ug/L	50	46	92	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	52	104	86 - 123	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID:	J2500326017	Date Collected:	01/08/2025 13:20			Matrix:	Water	
Sample ID:	DUP	Date Received:	01/09/2025 08:09					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3010A/SW-846 6010)								
Barium	14	ug/L	12	3.0	1	01/10/2025 11:40	01/11/2025 00:25	J
Beryllium	2.0 U	ug/L	8.0	2.0	1	01/10/2025 11:40	01/11/2025 00:25	J
Cadmium	0.50 U	ug/L	2.0	0.50	1	01/10/2025 11:40	01/11/2025 00:25	J
Chromium	5.0 U	ug/L	20	5.0	1	01/10/2025 11:40	01/11/2025 00:25	J
Cobalt	2.8 I	ug/L	4.0	1.0	1	01/10/2025 11:40	01/11/2025 00:25	J
Copper	10 U	ug/L	40	10	1	01/10/2025 11:40	01/11/2025 00:25	J
Iron	7000	ug/L	800	200	1	01/10/2025 11:40	01/14/2025 20:28	J
Lead	3.0 U	ug/L	12	3.0	1	01/10/2025 11:40	01/11/2025 00:25	J
Nickel	10 U	ug/L	40	10	1	01/10/2025 11:40	01/11/2025 00:25	J
Selenium	40 U	ug/L	160	40	1	01/10/2025 11:40	01/11/2025 00:25	J
Silver	8.0 U	ug/L	32	8.0	1	01/10/2025 11:40	01/11/2025 00:25	J
Sodium	110	mg/L	3.2	0.80	1	01/10/2025 11:40	01/11/2025 00:25	J
Vanadium	11	ug/L	8.0	2.0	1	01/10/2025 11:40	01/11/2025 00:25	J
Zinc	50 U	ug/L	200	50	1	01/10/2025 11:40	01/11/2025 00:25	J
METALS (SW-846 3010A/SW-846 6020)								
Antimony	1.0 U	ug/L	4.0	1.0	1	01/20/2025 18:03	01/21/2025 21:07	J
Arsenic	3.4	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 21:07	J
Thallium	0.25 U	ug/L	1.0	0.25	1	01/20/2025 18:03	01/21/2025 21:07	J
METALS (SW-846 7470A)								
Mercury	0.024 I	ug/L	0.10	0.011	1	01/10/2025 08:47	01/10/2025 13:37	J
VOLATILES (SW-846 5030B/SW-846 8260D (SIM))								
1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	1	01/09/2025 12:29	01/09/2025 17:45	J
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	1	01/09/2025 12:29	01/09/2025 17:45	J
VOLATILES (SW-846 5030B/SW-846 8260D)								
1,1,1,2-Tetrachloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:45	J
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:45	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 17:45	J





FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID: J2500326017
Sample ID: DUP

Date Collected: 01/08/2025 13:20
Date Received: 01/09/2025 08:09

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:45	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:45	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:45	J
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:45	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:45	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:45	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:45	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:45	J
2-Butanone (MEK)	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:45	J
2-Hexanone	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:45	J
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:45	J
Acetone	1.7 I	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:45	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:45	J
Benzene	24	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:45	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:45	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:45	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:45	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:45	J
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:45	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:45	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:45	J
Chloroethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:45	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:45	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:45	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 17:45	J
Dibromomethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:45	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:45	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID:	J2500326017	Date Collected:				01/08/2025 13:20		Matrix:	Water
Sample ID:	DUP	Date Received:				01/09/2025 08:09			
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab	
Iodomethane (Methyl Iodide)	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:45	J	
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	01/09/2025 12:29	01/09/2025 17:45	J	
Styrene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:45	J	
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:45	J	
Toluene	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:45	J	
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:45	J	
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:45	J	
Vinyl Acetate	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:45	J	
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 17:45	J	
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	01/09/2025 12:29	01/09/2025 17:45	J	
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:45	J	
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 17:45	J	
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:45	J	
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 17:45	J	
trans-1,4-Dichloro-2-butene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 17:45	J	
WET CHEMISTRY (EPA 300.0)									
Chloride	130	mg/L	40	10	5	01/09/2025 19:04	01/09/2025 19:04	J	
Nitrate (as N)	1.3 I	mg/L	4.0	1.0	5	01/09/2025 19:04	01/09/2025 19:04	J	
WET CHEMISTRY (EPA 350.1)									
Ammonia (N)	4.6	mg/L	0.40	0.17	10	01/20/2025 09:47	01/20/2025 09:47	G	
WET CHEMISTRY (SM 2540 C)									
Total Dissolved Solids	610	mg/L	10	10	1	01/13/2025 17:03	01/13/2025 17:03	J	





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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Toluene-d8 (S)	ug/L	50	51	103	77 - 119	J
1,2-Dichloroethane-d4 (S)	ug/L	50	52	103	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	50	100	86 - 123	J
Toluene-d8 (S)	ug/L	50	48	96	77 - 119	J
1,2-Dichloroethane-d4 (S)	ug/L	50	47	94	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	51	102	86 - 123	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID: J2500326018 **Date Collected:** 01/08/2025 00:00 **Matrix:** Water
Sample ID: Trip Blank-2 **Date Received:** 01/09/2025 08:09

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260D (SIM))								
1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	1	01/09/2025 12:29	01/09/2025 18:10	J
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	1	01/09/2025 12:29	01/09/2025 18:10	J
VOLATILES (SW-846 5030B/SW-846 8260D)								
1,1,1,2-Tetrachloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 18:10	J
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 18:10	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 18:10	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 18:10	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 18:10	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 18:10	J
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 18:10	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 18:10	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 18:10	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 18:10	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 18:10	J
2-Butanone (MEK)	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 18:10	J
2-Hexanone	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 18:10	J
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 18:10	J
Acetone	1.2 I	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 18:10	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 18:10	J
Benzene	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 18:10	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 18:10	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 18:10	J
Bromoform	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 18:10	J
Bromomethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 18:10	J
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 18:10	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 18:10	J





FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Lab ID: J2500326018
Sample ID: Trip Blank-2

Date Collected: 01/08/2025 00:00
Date Received: 01/09/2025 08:09

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Chlorobenzene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 18:10	J
Chloroethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 18:10	J
Chloroform	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 18:10	J
Chloromethane	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 18:10	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 18:10	J
Dibromomethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 18:10	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 18:10	J
Iodomethane (Methyl Iodide)	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 18:10	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	1	01/09/2025 12:29	01/09/2025 18:10	J
Styrene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 18:10	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 18:10	J
Toluene	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 18:10	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 18:10	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 18:10	J
Vinyl Acetate	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 18:10	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	1	01/09/2025 12:29	01/09/2025 18:10	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	1	01/09/2025 12:29	01/09/2025 18:10	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 18:10	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 18:10	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 18:10	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	1	01/09/2025 12:29	01/09/2025 18:10	J
trans-1,4-Dichloro-2-butene	0.50 U	ug/L	2.0	0.50	1	01/09/2025 12:29	01/09/2025 18:10	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

Analytical Results

Surrogates						
Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	51	102	70 - 128	J
Toluene-d8 (S)	ug/L	50	48	96	77 - 119	J
1,2-Dichloroethane-d4 (S)	ug/L	50	46	93	70 - 128	J
Toluene-d8 (S)	ug/L	50	52	103	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	51	102	86 - 123	J
Bromofluorobenzene (S)	ug/L	50	52	104	86 - 123	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Results

QC Batch: CVAj/2748 **Analysis Method:** SW-846 7470A
Preparation Method: SW-846 7470A
Associated Lab IDs: J2500326001, J2500326002, J2500326003, J2500326004, J2500326005, J2500326006, J2500326007, J2500326008, J2500326009, J2500326011, J2500326012, J2500326013, J2500326014, J2500326015, J2500326016, J2500326017

Method Blank(5648323)

Parameter	Results	Units	PQL	MDL	Lab
Mercury	0.011 U	ug/L	0.10	0.011	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Results

QC Batch: ICM/5078

Analysis Method: SW-846 6020

Preparation Method: SW-846 3010A

Associated Lab IDs: J2500326001, J2500326002, J2500326003, J2500326004, J2500326005, J2500326006, J2500326007, J2500326008, J2500326009, J2500326011, J2500326012, J2500326013, J2500326014, J2500326015, J2500326016, J2500326017

Method Blank(5663230)

Parameter	Results	Units	PQL	MDL	Lab
Arsenic	0.25 U	ug/L	1.0	0.25	J
Antimony	1.0 U	ug/L	4.0	1.0	J
Thallium	0.25 U	ug/L	1.0	0.25	J

Lab Control Sample (5663231)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Arsenic	ug/L	20	21	103	80 - 120	J
Antimony	ug/L	20	18	92	80 - 120	J
Thallium	ug/L	20	21	103	80 - 120	J

Matrix Spike (5663232); Matrix Spike Duplicate (5663233); Original (J2500326003); Parent Lab Sample (J2500326003)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Arsenic	ug/L	20	19	94	75 - 125	19	94	0	20	J
Antimony	ug/L	20	18	89	75 - 125	18	92	4	20	J
Thallium	ug/L	20	20	101	75 - 125	20	101	0	20	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Results

QC Batch: ICPJ/4062

Analysis Method: SW-846 6010

Preparation Method: SW-846 3010A

Associated Lab IDs: J2500326001, J2500326002, J2500326003, J2500326004, J2500326005, J2500326006, J2500326007, J2500326008, J2500326009

Method Blank(5647482)

Parameter	Results	Units	PQL	MDL	Lab
Silver	8.0 U	ug/L	32	8.0	J
Barium	3.0 U	ug/L	12	3.0	J
Beryllium	2.0 U	ug/L	8.0	2.0	J
Cadmium	0.50 U	ug/L	2.0	0.50	J
Cobalt	1.0 U	ug/L	4.0	1.0	J
Chromium	5.0 U	ug/L	20	5.0	J
Copper	10 U	ug/L	40	10	J
Iron	200 U	ug/L	800	200	J
Sodium	0.80 U	mg/L	3.2	0.80	J
Nickel	10 U	ug/L	40	10	J
Lead	3.0 U	ug/L	12	3.0	J
Selenium	40 U	ug/L	160	40	J
Vanadium	2.0 U	ug/L	8.0	2.0	J
Zinc	50 U	ug/L	200	50	J

Lab Control Sample (5647483)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Silver	ug/L	160	160	102	80 - 120	J
Barium	ug/L	60	56	94	80 - 120	J
Beryllium	ug/L	40	39	98	80 - 120	J
Cadmium	ug/L	10	10	105	80 - 120	J
Cobalt	ug/L	20	20	102	80 - 120	J
Chromium	ug/L	100	100	100	80 - 120	J
Copper	ug/L	200	200	101	80 - 120	J
Iron	ug/L	4000	3800	94	80 - 120	J
Sodium	mg/L	16	16	101	80 - 120	J
Nickel	ug/L	200	200	102	80 - 120	J
Lead	ug/L	60	61	102	80 - 120	J
Selenium	ug/L	800	790	99	80 - 120	J
Vanadium	ug/L	40	38	96	80 - 120	J
Zinc	ug/L	1000	890	89	80 - 120	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Batch: ICP/4062 **Analysis Method:** SW-846 6010
Preparation Method: SW-846 3010A
Associated Lab IDs: J2500326001, J2500326002, J2500326003, J2500326004, J2500326005, J2500326006, J2500326007, J2500326008, J2500326009

Matrix Spike (5647484); Matrix Spike Duplicate (5647485); Original (J2500326003); Parent Lab Sample (J2500326003)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Silver	ug/L	160	170	104	75 - 125	170	104	0	20	J
Barium	ug/L	60	61	90	75 - 125	62	93	3	20	J
Beryllium	ug/L	40	41	102	75 - 125	40	99	2	20	J
Cadmium	ug/L	10	11	106	75 - 125	11	106	0	20	J
Cobalt	ug/L	20	21	105	75 - 125	22	108	3	20	J
Chromium	ug/L	100	110	105	75 - 125	100	102	3	20	J
Copper	ug/L	200	200	101	75 - 125	200	100	2	20	J
Iron	ug/L	4000	4000	100	75 - 125	3900	97	3	20	J
Sodium	mg/L	16	22	107	75 - 125	22	105	1	20	J
Nickel	ug/L	200	200	101	75 - 125	200	103	2	20	J
Lead	ug/L	60	65	109	75 - 125	62	104	5	20	J
Selenium	ug/L	800	810	101	75 - 125	810	101	0	20	J
Vanadium	ug/L	40	47	100	75 - 125	46	98	2	20	J
Zinc	ug/L	1000	860	86	75 - 125	880	88	2	20	J

Method Blank(5647482)

Parameter	Results	Units	PQL	MDL	Lab
Silver	8.0 U	ug/L	32	8.0	J
Barium	3.0 U	ug/L	12	3.0	J
Beryllium	2.0 U	ug/L	8.0	2.0	J
Cadmium	0.50 U	ug/L	2.0	0.50	J
Cobalt	1.0 U	ug/L	4.0	1.0	J
Chromium	5.0 U	ug/L	20	5.0	J
Copper	10 U	ug/L	40	10	J
Iron	200 U	ug/L	800	200	J
Sodium	0.80 U	mg/L	3.2	0.80	J
Nickel	10 U	ug/L	40	10	J
Lead	3.0 U	ug/L	12	3.0	J
Selenium	40 U	ug/L	160	40	J
Vanadium	2.0 U	ug/L	8.0	2.0	J
Zinc	50 U	ug/L	200	50	J

Matrix Spike (5647484); Matrix Spike Duplicate (5647485); Original (J2500326003); Parent Lab Sample (J2500326003)

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Batch: ICPJ/4062 Analysis Method: SW-846 6010
Preparation Method: SW-846 3010A
Associated Lab IDs: J2500326001, J2500326002, J2500326003, J2500326004, J2500326005, J2500326006, J2500326007, J2500326008, J2500326009

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Silver	ug/L	160	170	104	75 - 125	170	104	0	20	J
Barium	ug/L	60	61	90	75 - 125	62	93	3	20	J
Beryllium	ug/L	40	41	102	75 - 125	40	99	2	20	J
Cadmium	ug/L	10	11	106	75 - 125	11	106	0	20	J
Cobalt	ug/L	20	21	105	75 - 125	22	108	3	20	J
Chromium	ug/L	100	110	105	75 - 125	100	102	3	20	J
Copper	ug/L	200	200	101	75 - 125	200	100	2	20	J
Iron	ug/L	4000	4000	100	75 - 125	3900	97	3	20	J
Sodium	mg/L	16	22	107	75 - 125	22	105	1	20	J
Nickel	ug/L	200	200	101	75 - 125	200	103	2	20	J
Lead	ug/L	60	65	109	75 - 125	62	104	5	20	J
Selenium	ug/L	800	810	101	75 - 125	810	101	0	20	J
Vanadium	ug/L	40	47	100	75 - 125	46	98	2	20	J
Zinc	ug/L	1000	860	86	75 - 125	880	88	2	20	J

QC Result Comments

Method Blank - 5647482 - Vanadium

V|Method Blank Contamination

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Results

QC Batch: ICPJ/4067 **Analysis Method:** SW-846 6010
Preparation Method: SW-846 3010A
Associated Lab IDs: J2500326011, J2500326012, J2500326013, J2500326014, J2500326015, J2500326016, J2500326017

Method Blank(5650110)

Parameter	Results	Units	PQL	MDL	Lab
Silver	8.0 U	ug/L	32	8.0	J
Barium	3.0 U	ug/L	12	3.0	J
Beryllium	2.0 U	ug/L	8.0	2.0	J
Cadmium	0.50 U	ug/L	2.0	0.50	J
Cobalt	1.0 U	ug/L	4.0	1.0	J
Chromium	5.0 U	ug/L	20	5.0	J
Copper	10 U	ug/L	40	10	J
Iron	200 U	ug/L	800	200	J
Sodium	0.80 U	mg/L	3.2	0.80	J
Nickel	10 U	ug/L	40	10	J
Lead	3.0 U	ug/L	12	3.0	J
Selenium	40 U	ug/L	160	40	J
Vanadium	2.0 U	ug/L	8.0	2.0	J
Zinc	50 U	ug/L	200	50	J

Lab Control Sample (5650111)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Silver	ug/L	160	160	103	80 - 120	J
Barium	ug/L	60	60	99	80 - 120	J
Beryllium	ug/L	40	39	98	80 - 120	J
Cadmium	ug/L	10	10	100	80 - 120	J
Cobalt	ug/L	20	19	97	80 - 120	J
Chromium	ug/L	100	99	99	80 - 120	J
Copper	ug/L	200	200	100	80 - 120	J
Iron	ug/L	4000	3300	82	80 - 120	J
Sodium	mg/L	16	18	112	80 - 120	J
Nickel	ug/L	200	200	99	80 - 120	J
Lead	ug/L	60	59	99	80 - 120	J
Selenium	ug/L	800	820	102	80 - 120	J
Vanadium	ug/L	40	40	100	80 - 120	J
Zinc	ug/L	1000	1000	101	80 - 120	J

Matrix Spike (5650112); Matrix Spike Duplicate (5650113); Original (J2500510003); Parent Lab Sample (J2500510003)

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Batch: ICPJ/4067
Preparation Method: SW-846 3010A
Associated Lab IDs: J2500326011, J2500326012, J2500326013, J2500326014, J2500326015, J2500326016, J2500326017
Analysis Method: SW-846 6010

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Silver	ug/L	160	170	106	75 - 125	170	104	3	20	J
Barium	ug/L	60	88	101	75 - 125	86	98	2	20	J
Beryllium	ug/L	40	42	104	75 - 125	40	100	3	20	J
Cadmium	ug/L	10	10	103	75 - 125	10	100	3	20	J
Cobalt	ug/L	20	20	100	75 - 125	19	96	4	20	J
Chromium	ug/L	100	100	100	75 - 125	98	98	2	20	J
Copper	ug/L	200	200	101	75 - 125	200	99	2	20	J
Iron	ug/L	4000	7700	83	75 - 125	7200	68	8	20	J
Sodium	mg/L	16	41	120	75 - 125	37	95	10	20	J
Nickel	ug/L	200	200	99	75 - 125	190	96	3	20	J
Lead	ug/L	60	62	103	75 - 125	59	98	5	20	J
Selenium	ug/L	800	840	105	75 - 125	820	102	2	20	J
Vanadium	ug/L	40	41	103	75 - 125	42	104	1	20	J
Zinc	ug/L	1000	1100	105	75 - 125	1000	102	3	20	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Results

QC Batch: MSVJ/11644 Analysis Method: SW-846 8260D (SIM)
Preparation Method: SW-846 5030B
Associated Lab IDs: J2500326001, J2500326002, J2500326003, J2500326004, J2500326005, J2500326006, J2500326007, J2500326008, J2500326009, J2500326010

Method Blank(5647309)

Parameter	Results	Units	PQL	MDL	Lab
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	J
1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	45	90	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	51	103	86 - 123	J
Toluene-d8 (S)	ug/L	50	51	102	77 - 119	J

Lab Control Sample (5647310); Lab Control Sample Duplicate (5647311); Parent Lab Sample (J2500326001, J2500326002, J2500326003, J2500326004, J2500326005, J2500326006, J2500326007, J2500326008, J2500326009, J2500326010)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Ethylene Dibromide (EDB)	ug/L	0.80	0.81	101	77 - 121	0.68	85	17	20	J
1,2-Dibromo-3-Chloropropa	ug/L	0.80	1	125	62 - 128	1	131	5	20	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	47	94	70 - 128	46	92	1		J
Bromofluorobenzene (S)	ug/L	50	51	101	86 - 123	50	100	1		J
Toluene-d8 (S)	ug/L	50	51	102	77 - 119	51	103	0		J

Matrix Spike (5647312); Original (J2500326001); Parent Lab Sample (J2500326001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Ethylene Dibromide (EDB)	ug/L	0.80	0.65	81	77 - 121	J
1,2-Dibromo-3-Chloropropane	ug/L	0.80	0.74	93	62 - 128	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	46	91	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	51	101	86 - 123	J
Toluene-d8 (S)	ug/L	50	51	102	77 - 119	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Result Comments

Lab Control Sample Duplicate - 5647311 - 1,2-Dibromo-3-Chloropropane

J3|Lab QC Failure

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Results

QC Batch: MSVJ/11646 **Analysis Method:** SW-846 8260D
Preparation Method: SW-846 5030B
Associated Lab IDs: J2500326001, J2500326002, J2500326003, J2500326004, J2500326005, J2500326006, J2500326007, J2500326008, J2500326009, J2500326010

Method Blank(5647319)

Parameter	Results	Units	PQL	MDL	Lab
Chloromethane	0.25 U	ug/L	1.0	0.25	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	J
Bromomethane	0.50 U	ug/L	2.0	0.50	J
Chloroethane	0.50 U	ug/L	2.0	0.50	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	J
Acetone	0.50 U	ug/L	2.0	0.50	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	J
Iodomethane (Methyl Iodide)	0.50 U	ug/L	2.0	0.50	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	J
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	J
Vinyl Acetate	0.50 U	ug/L	2.0	0.50	J
2-Butanone (MEK)	0.25 U	ug/L	1.0	0.25	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	J
Chloroform	0.50 U	ug/L	2.0	0.50	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	J
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	J
Benzene	0.25 U	ug/L	1.0	0.25	J
Dibromomethane	0.50 U	ug/L	2.0	0.50	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	J
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	J
Toluene	0.25 U	ug/L	1.0	0.25	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Batch: MSVJ/11646 **Analysis Method:** SW-846 8260D
Preparation Method: SW-846 5030B
Associated Lab IDs: J2500326001, J2500326002, J2500326003, J2500326004, J2500326005, J2500326006, J2500326007, J2500326008, J2500326009, J2500326010

Parameter	Results	Units	PQL	MDL	Lab
2-Hexanone	0.50 U	ug/L	2.0	0.50	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	J
1,1,1,2-Tetrachloroethane	0.25 U	ug/L	1.0	0.25	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	J
Bromoform	0.25 U	ug/L	1.0	0.25	J
Styrene	0.50 U	ug/L	2.0	0.50	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	J
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	J
trans-1,4-Dichloro-2-butene	0.50 U	ug/L	2.0	0.50	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	49	99	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	50	101	86 - 123	J
Toluene-d8 (S)	ug/L	50	48	96	77 - 119	J

Lab Control Sample (5647320); Lab Control Sample Duplicate (5647321); Parent Lab Sample (J2500326001, J2500326002, J2500326003, J2500326004, J2500326005, J2500326006, J2500326007, J2500326008, J2500326009, J2500326010)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chloromethane	ug/L	20	18	92	50 - 139	17	86	7	20	J
Vinyl Chloride	ug/L	20	20	99	58 - 137	18	88	12	20	J
Bromomethane	ug/L	20	13	63	10 - 150	18	90	35	20	J
Chloroethane	ug/L	20	20	100	60 - 138	18	90	11	20	J
Trichlorofluoromethane	ug/L	20	19	97	65 - 141	18	88	11	20	J
Acetone	ug/L	20	23	117	39 - 160	18	92	24	20	J
1,1-Dichloroethylene	ug/L	20	21	104	71 - 131	18	89	15	20	J
Iodomethane (Methyl Iodide)	ug/L	20	22	112	10 - 150	23	116	4	20	J
Acrylonitrile	ug/L	20	18	91	63 - 135	17	85	7	20	J
Methylene Chloride	ug/L	20	19	94	74 - 124	17	83	12	20	J
Carbon Disulfide	ug/L	20	20	98	64 - 133	17	86	13	20	J





FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Batch: MSVJ/11646 **Analysis Method:** SW-846 8260D
Preparation Method: SW-846 5030B
Associated Lab IDs: J2500326001, J2500326002, J2500326003, J2500326004, J2500326005, J2500326006, J2500326007, J2500326008, J2500326009, J2500326010

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
trans-1,2-Dichloroethylene	ug/L	20	21	104	75 - 124	18	90	14	20	J
1,1-Dichloroethane	ug/L	20	20	100	77 - 125	18	89	12	20	J
Vinyl Acetate	ug/L	20	9	45	10 - 150	9.8	49	10	20	J
2-Butanone (MEK)	ug/L	20	17	86	56 - 143	17	83	4	20	J
cis-1,2-Dichloroethylene	ug/L	20	20	100	78 - 123	18	92	8	20	J
Bromochloromethane	ug/L	20	20	98	78 - 123	18	88	10	20	J
Chloroform	ug/L	20	21	106	79 - 124	18	91	15	20	J
1,2-Dichloroethane	ug/L	20	20	99	73 - 128	17	86	14	20	J
1,1,1-Trichloroethane	ug/L	20	20	101	74 - 131	18	88	14	20	J
Carbon Tetrachloride	ug/L	20	17	84	72 - 136	15	76	10	20	J
Benzene	ug/L	20	21	105	79 - 120	18	92	13	20	J
Dibromomethane	ug/L	20	19	97	79 - 123	17	86	11	20	J
1,2-Dichloropropane	ug/L	20	22	108	78 - 122	18	92	15	20	J
Trichloroethene	ug/L	20	20	101	79 - 123	18	90	12	20	J
Bromodichloromethane	ug/L	20	20	101	79 - 125	18	89	13	20	J
cis-1,3-Dichloropropene	ug/L	20	17	87	75 - 124	16	78	12	20	J
4-Methyl-2-pentanone (MIB)	ug/L	20	17	84	67 - 130	16	79	7	20	J
trans-1,3-Dichloropropylene	ug/L	20	19	93	73 - 127	17	86	8	20	J
1,1,2-Trichloroethane	ug/L	20	19	97	80 - 119	17	86	11	20	J
Toluene	ug/L	20	21	103	80 - 121	17	87	17	20	J
2-Hexanone	ug/L	20	18	90	57 - 139	18	88	2	20	J
Dibromochloromethane	ug/L	20	20	98	74 - 126	17	85	14	20	J
Tetrachloroethylene (PCE)	ug/L	20	20	98	74 - 129	17	86	14	20	J
1,1,1,2-Tetrachloroethane	ug/L	20	20	101	78 - 124	18	89	12	20	J
Chlorobenzene	ug/L	20	21	105	82 - 118	18	90	16	20	J
Ethylbenzene	ug/L	20	21	106	79 - 121	18	90	16	20	J
Bromoform	ug/L	20	16	78	66 - 130	14	72	8	20	J
Styrene	ug/L	20	18	89	78 - 123	16	78	13	20	J
1,1,2,2-Tetrachloroethane	ug/L	20	19	95	71 - 121	17	86	10	20	J
1,2,3-Trichloropropane	ug/L	20	18	89	73 - 122	17	84	6	20	J
1,4-Dichlorobenzene	ug/L	20	20	98	79 - 118	17	86	13	20	J
1,2-Dichlorobenzene	ug/L	20	20	99	80 - 119	18	88	12	20	J
Xylene (Total)	ug/L	60	64	106	79 - 121	54	90	16	20	J

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Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Batch: MSVJ/11646 **Analysis Method:** SW-846 8260D
Preparation Method: SW-846 5030B
Associated Lab IDs: J2500326001, J2500326002, J2500326003, J2500326004, J2500326005, J2500326006, J2500326007, J2500326008, J2500326009, J2500326010

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	46	92	70 - 128	47	93	1		J
Bromofluorobenzene (S)	ug/L	50	47	95	86 - 123	48	96	1		J
Toluene-d8 (S)	ug/L	50	49	97	77 - 119	49	98	0		J

Matrix Spike (5647322); Original (J2500326002); Parent Lab Sample (J2500326002)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Chloromethane	ug/L	20	14	70	50 - 139	J
Vinyl Chloride	ug/L	20	16	79	10 - 150	J
Bromomethane	ug/L	20	15	76	10 - 150	J
Chloroethane	ug/L	20	16	82	60 - 138	J
Trichlorofluoromethane	ug/L	20	16	80	65 - 141	J
Acetone	ug/L	20	15	71	39 - 160	J
1,1-Dichloroethylene	ug/L	20	16	82	71 - 131	J
Iodomethane (Methyl Iodide)	ug/L	20	23	116	10 - 150	J
Acrylonitrile	ug/L	20	16	80	63 - 135	J
Methylene Chloride	ug/L	20	15	75	74 - 124	J
Carbon Disulfide	ug/L	20	16	79	64 - 133	J
trans-1,2-Dichloroethylene	ug/L	20	17	83	75 - 124	J
1,1-Dichloroethane	ug/L	20	17	84	77 - 125	J
Vinyl Acetate	ug/L	20	12	58	54 - 146	J
2-Butanone (MEK)	ug/L	20	16	78	56 - 143	J
cis-1,2-Dichloroethylene	ug/L	20	17	85	78 - 123	J
Bromochloromethane	ug/L	20	17	83	78 - 123	J
Chloroform	ug/L	20	17	83	79 - 124	J
1,2-Dichloroethane	ug/L	20	16	81	73 - 128	J
1,1,1-Trichloroethane	ug/L	20	16	82	74 - 131	J
Carbon Tetrachloride	ug/L	20	14	71	72 - 136	J
Benzene	ug/L	20	17	85	79 - 120	J
Dibromomethane	ug/L	20	16	81	79 - 123	J
1,2-Dichloropropane	ug/L	20	17	86	78 - 122	J
Trichloroethene	ug/L	20	16	81	79 - 123	J
Bromodichloromethane	ug/L	20	16	82	79 - 125	J
cis-1,3-Dichloropropene	ug/L	20	14	72	75 - 124	J

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Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Batch: MSVJ/11646 **Analysis Method:** SW-846 8260D
Preparation Method: SW-846 5030B
Associated Lab IDs: J2500326001, J2500326002, J2500326003, J2500326004, J2500326005, J2500326006, J2500326007, J2500326008, J2500326009, J2500326010

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
4-Methyl-2-pentanone (MIBK)	ug/L	20	14	71	67 - 130	J
trans-1,3-Dichloropropylene	ug/L	20	16	80	73 - 127	J
1,1,2-Trichloroethane	ug/L	20	16	80	80 - 119	J
Toluene	ug/L	20	17	84	80 - 121	J
2-Hexanone	ug/L	20	16	80	57 - 139	J
Dibromochloromethane	ug/L	20	16	81	74 - 126	J
Tetrachloroethylene (PCE)	ug/L	20	16	79	74 - 129	J
1,1,1,2-Tetrachloroethane	ug/L	20	17	85	78 - 124	J
Chlorobenzene	ug/L	20	17	85	82 - 118	J
Ethylbenzene	ug/L	20	17	85	79 - 121	J
Bromoform	ug/L	20	14	70	66 - 130	J
Styrene	ug/L	20	15	75	78 - 123	J
1,1,2,2-Tetrachloroethane	ug/L	20	17	84	71 - 121	J
1,2,3-Trichloropropane	ug/L	20	15	73	73 - 122	J
1,4-Dichlorobenzene	ug/L	20	16	78	79 - 118	J
1,2-Dichlorobenzene	ug/L	20	16	82	80 - 119	J
Xylene (Total)	ug/L	60	52	87	79 - 121	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	45	90	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	48	95	86 - 123	J
Toluene-d8 (S)	ug/L	50	48	97	77 - 119	J

QC Result Comments

Lab Control Sample Duplicate - 5647321 - Acetone

J3|Lab QC Failure

Lab Control Sample Duplicate - 5647321 - Bromomethane

J3|Lab QC Failure

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Results

QC Batch: MSVJ/11652

Analysis Method: SW-846 8260D

Preparation Method: SW-846 5030B

Associated Lab IDs: J2500326011, J2500326012, J2500326013, J2500326014, J2500326015, J2500326016, J2500326017, J2500326018

Method Blank(5648444)

Parameter	Results	Units	PQL	MDL	Lab
Chloromethane	0.25 U	ug/L	1.0	0.25	J
Vinyl Chloride	0.25 U	ug/L	1.0	0.25	J
Bromomethane	0.50 U	ug/L	2.0	0.50	J
Chloroethane	0.50 U	ug/L	2.0	0.50	J
Trichlorofluoromethane	0.50 U	ug/L	2.0	0.50	J
Acetone	0.50 U	ug/L	2.0	0.50	J
1,1-Dichloroethylene	0.50 U	ug/L	2.0	0.50	J
Iodomethane (Methyl Iodide)	0.50 U	ug/L	2.0	0.50	J
Acrylonitrile	0.50 U	ug/L	2.0	0.50	J
Methylene Chloride	1.2 U	ug/L	5.0	1.2	J
Carbon Disulfide	0.50 U	ug/L	2.0	0.50	J
trans-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	J
1,1-Dichloroethane	0.25 U	ug/L	1.0	0.25	J
Vinyl Acetate	0.50 U	ug/L	2.0	0.50	J
2-Butanone (MEK)	0.25 U	ug/L	1.0	0.25	J
cis-1,2-Dichloroethylene	0.50 U	ug/L	2.0	0.50	J
Bromochloromethane	0.50 U	ug/L	2.0	0.50	J
Chloroform	0.50 U	ug/L	2.0	0.50	J
1,2-Dichloroethane	0.25 U	ug/L	1.0	0.25	J
1,1,1-Trichloroethane	0.50 U	ug/L	2.0	0.50	J
Carbon Tetrachloride	0.25 U	ug/L	1.0	0.25	J
Benzene	0.25 U	ug/L	1.0	0.25	J
Dibromomethane	0.50 U	ug/L	2.0	0.50	J
1,2-Dichloropropane	0.25 U	ug/L	1.0	0.25	J
Trichloroethene	0.25 U	ug/L	1.0	0.25	J
Bromodichloromethane	0.25 U	ug/L	1.0	0.25	J
cis-1,3-Dichloropropene	0.20 U	ug/L	1.0	0.20	J
4-Methyl-2-pentanone (MIBK)	0.50 U	ug/L	2.0	0.50	J
trans-1,3-Dichloropropylene	0.20 U	ug/L	1.0	0.20	J
1,1,2-Trichloroethane	0.25 U	ug/L	1.0	0.25	J
Toluene	0.25 U	ug/L	1.0	0.25	J

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NELAP Accredited E82574



FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Batch: MSVJ/11652 **Analysis Method:** SW-846 8260D
Preparation Method: SW-846 5030B
Associated Lab IDs: J2500326011, J2500326012, J2500326013, J2500326014, J2500326015, J2500326016, J2500326017, J2500326018

Parameter	Results	Units	PQL	MDL	Lab
2-Hexanone	0.50 U	ug/L	2.0	0.50	J
Dibromochloromethane	0.20 U	ug/L	1.0	0.20	J
Tetrachloroethylene (PCE)	0.25 U	ug/L	1.0	0.25	J
1,1,1,2-Tetrachloroethane	0.25 U	ug/L	1.0	0.25	J
Chlorobenzene	0.50 U	ug/L	2.0	0.50	J
Ethylbenzene	0.25 U	ug/L	1.0	0.25	J
Bromoform	0.25 U	ug/L	1.0	0.25	J
Styrene	0.50 U	ug/L	2.0	0.50	J
1,1,2,2-Tetrachloroethane	0.20 U	ug/L	1.0	0.20	J
1,2,3-Trichloropropane	0.25 U	ug/L	1.0	0.25	J
1,4-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	J
1,2-Dichlorobenzene	0.50 U	ug/L	2.0	0.50	J
trans-1,4-Dichloro-2-butene	0.50 U	ug/L	2.0	0.50	J
Xylene (Total)	0.75 U	ug/L	3.0	0.75	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	52	103	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	51	102	86 - 123	J
Toluene-d8 (S)	ug/L	50	48	96	77 - 119	J

Lab Control Sample (5648445); Lab Control Sample Duplicate (5648446); Parent Lab Sample (J2500326011, J2500326012, J2500326013, J2500326014, J2500326015, J2500326016, J2500326017, J2500326018)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chloromethane	ug/L	20	20	100	50 - 139	16	81	21	20	J
Vinyl Chloride	ug/L	20	20	102	58 - 137	18	88	14	20	J
Bromomethane	ug/L	20	22	109	10 - 150	15	77	34	20	J
Chloroethane	ug/L	20	21	106	60 - 138	19	97	9	20	J
Trichlorofluoromethane	ug/L	20	21	104	65 - 141	19	95	9	20	J
Acetone	ug/L	20	22	109	39 - 160	20	101	8	20	J
1,1-Dichloroethylene	ug/L	20	21	107	71 - 131	20	99	8	20	J
Iodomethane (Methyl Iodide)	ug/L	20	27	135	10 - 150	20	98	31	20	J
Acrylonitrile	ug/L	20	20	100	63 - 135	18	90	10	20	J
Methylene Chloride	ug/L	20	20	99	74 - 124	18	92	7	20	J
Carbon Disulfide	ug/L	20	21	105	64 - 133	19	96	8	20	J





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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Batch: MSVJ/11652 Analysis Method: SW-846 8260D
Preparation Method: SW-846 5030B
Associated Lab IDs: J2500326011, J2500326012, J2500326013, J2500326014, J2500326015, J2500326016, J2500326017, J2500326018

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
trans-1,2-Dichloroethylene	ug/L	20	21	107	75 - 124	20	100	6	20	J
1,1-Dichloroethane	ug/L	20	21	106	77 - 125	20	98	8	20	J
Vinyl Acetate	ug/L	20	13	66	10 - 150	6	30	76	20	J
2-Butanone (MEK)	ug/L	20	19	96	56 - 143	17	85	12	20	J
cis-1,2-Dichloroethylene	ug/L	20	22	108	78 - 123	20	98	11	20	J
Bromochloromethane	ug/L	20	21	106	78 - 123	20	99	7	20	J
Chloroform	ug/L	20	22	108	79 - 124	20	101	7	20	J
1,2-Dichloroethane	ug/L	20	20	101	73 - 128	19	93	8	20	J
1,1,1-Trichloroethane	ug/L	20	21	106	74 - 131	19	97	9	20	J
Carbon Tetrachloride	ug/L	20	18	92	72 - 136	17	86	6	20	J
Benzene	ug/L	20	22	108	79 - 120	20	99	8	20	J
Dibromomethane	ug/L	20	20	102	79 - 123	19	94	8	20	J
1,2-Dichloropropane	ug/L	20	22	108	78 - 122	21	103	5	20	J
Trichloroethene	ug/L	20	21	104	79 - 123	21	106	2	20	J
Bromodichloromethane	ug/L	20	21	106	79 - 125	20	98	8	20	J
cis-1,3-Dichloropropene	ug/L	20	18	92	75 - 124	16	82	12	20	J
4-Methyl-2-pentanone (MIB)	ug/L	20	18	91	67 - 130	16	83	9	20	J
trans-1,3-Dichloropropylene	ug/L	20	20	103	73 - 127	18	91	12	20	J
1,1,2-Trichloroethane	ug/L	20	20	99	80 - 119	18	91	9	20	J
Toluene	ug/L	20	21	104	80 - 121	19	97	7	20	J
2-Hexanone	ug/L	20	20	100	57 - 139	18	91	10	20	J
Dibromochloromethane	ug/L	20	21	104	74 - 126	19	94	10	20	J
Tetrachloroethylene (PCE)	ug/L	20	21	104	74 - 129	19	95	9	20	J
1,1,1,2-Tetrachloroethane	ug/L	20	21	107	78 - 124	20	98	8	20	J
Chlorobenzene	ug/L	20	21	106	82 - 118	20	99	7	20	J
Ethylbenzene	ug/L	20	21	107	79 - 121	20	100	7	20	J
Bromoform	ug/L	20	17	87	66 - 130	16	78	11	20	J
Styrene	ug/L	20	19	93	78 - 123	17	87	7	20	J
1,1,2,2-Tetrachloroethane	ug/L	20	21	104	71 - 121	17	85	21	20	J
1,2,3-Trichloropropane	ug/L	20	21	105	73 - 122	21	104	1	20	J
1,4-Dichlorobenzene	ug/L	20	20	101	79 - 118	19	95	7	20	J
1,2-Dichlorobenzene	ug/L	20	21	103	80 - 119	19	95	8	20	J
Xylene (Total)	ug/L	60	66	109	79 - 121	61	101	8	20	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Batch: MSVJ/11652 **Analysis Method:** SW-846 8260D
Preparation Method: SW-846 5030B
Associated Lab IDs: J2500326011, J2500326012, J2500326013, J2500326014, J2500326015, J2500326016, J2500326017, J2500326018

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	48	97	70 - 128	46	91	6		J
Bromofluorobenzene (S)	ug/L	50	48	97	86 - 123	49	99	2		J
Toluene-d8 (S)	ug/L	50	48	97	77 - 119	50	100	3		J

Matrix Spike (5648447); Original (J2500417001); Parent Lab Sample (J2500417001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Benzene	ug/L	20	20	102	79 - 120	J
Toluene	ug/L	20	19	97	80 - 121	J
Ethylbenzene	ug/L	20	20	100	79 - 121	J
Xylene (Total)	ug/L	60	61	101	79 - 121	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	50	101	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	49	98	86 - 123	J
Toluene-d8 (S)	ug/L	50	49	97	77 - 119	J

QC Result Comments

Lab Control Sample Duplicate - 5648446 - 1,1,2,2-Tetrachloroethane

J3|Lab QC Failure

Lab Control Sample Duplicate - 5648446 - Bromomethane

J3|Lab QC Failure

Lab Control Sample Duplicate - 5648446 - Chloromethane

J3|Lab QC Failure

Lab Control Sample Duplicate - 5648446 - Iodomethane (Methyl Iodide)

J3|Lab QC Failure

Lab Control Sample Duplicate - 5648446 - Vinyl Acetate

J3|Lab QC Failure





FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Results

QC Batch: MSVJ/11654 **Analysis Method:** SW-846 8260D (SIM)
Preparation Method: SW-846 5030B
Associated Lab IDs: J2500326011, J2500326012, J2500326013, J2500326014, J2500326015, J2500326016, J2500326017, J2500326018

Method Blank(5648477)

Parameter	Results	Units	PQL	MDL	Lab
Ethylene Dibromide (EDB)	0.019 U	ug/L	0.10	0.019	J
1,2-Dibromo-3-Chloropropane	0.050 U	ug/L	0.20	0.050	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	47	94	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	52	104	86 - 123	J
Toluene-d8 (S)	ug/L	50	51	103	77 - 119	J

Lab Control Sample (5648478); Lab Control Sample Duplicate (5648479); Parent Lab Sample (J2500326011, J2500326012, J2500326013, J2500326014, J2500326015, J2500326016, J2500326017, J2500326018)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Ethylene Dibromide (EDB)	ug/L	0.80	0.69	86	77 - 121	0.71	89	3	20	J
1,2-Dibromo-3-Chloropropa	ug/L	0.80	0.99	124	62 - 128	1	126	2	20	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	46	92	70 - 128	45	89	3		J
Bromofluorobenzene (S)	ug/L	50	53	105	86 - 123	53	107	1		J
Toluene-d8 (S)	ug/L	50	51	102	77 - 119	51	101	1		J

Matrix Spike (5648480); Original (J2500326011); Parent Lab Sample (J2500326011)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Ethylene Dibromide (EDB)	ug/L	0.80	0.64	80	77 - 121	J
1,2-Dibromo-3-Chloropropane	ug/L	0.80	0.95	119	62 - 128	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	46	92	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	52	103	86 - 123	J
Toluene-d8 (S)	ug/L	50	51	103	77 - 119	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Results

QC Batch: WCAg/19549
Preparation Method: EPA 350.1
Associated Lab IDs: J2500326001

Analysis Method: EPA 350.1

Method Blank(5651905)

Parameter	Results	Units	PQL	MDL	Lab
Ammonia (N)	0.017 U	mg/L	0.040	0.017	G

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Results

QC Batch: WCAg/19549 **Analysis Method:** EPA 350.1
Preparation Method: EPA 350.1
Associated Lab IDs: J2500326001, J2500326002, J2500326003, J2500326004, J2500326005, J2500326006, J2500326007, J2500326008, J2500326009

Method Blank(5651910)

Parameter	Results	Units	PQL	MDL	Lab
Ammonia (N)	0.017 U	mg/L	0.040	0.017	G

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Results

QC Batch: WCAg/19549

Analysis Method: EPA 350.1

Preparation Method: EPA 350.1

Associated Lab IDs: J2500326002, J2500326003, J2500326004, J2500326005, J2500326006, J2500326007, J2500326008, J2500326009

Matrix Spike (5651912); Matrix Spike Duplicate (5651913); Original (J2500333002); Parent Lab Sample (J2500333002)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Ammonia (N)	mg/L	0.40	2.3	-12	90 - 110	2.4	-1	2	10	G

Contin. Calib. Verif. SJRWMD (5651914)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Ammonia (N)	mg/L	0.20	0.2	102	90 - 110	G

Method Blank(5651915)

Parameter	Results	Units	PQL	MDL	Lab
Ammonia (N)	0.017 U	mg/L	0.040	0.017	G

Lab Control Sample (5651916)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Ammonia (N)	mg/L	0.50	0.5	100	90 - 110	G

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Results

QC Batch: WCAg/19549

Analysis Method: EPA 350.1

Preparation Method: EPA 350.1

Associated Lab IDs: J2500326011, J2500326012

Contin. Calib. Verif. SJRWMD (5652315)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Ammonia (N)	mg/L	0.20	0.21	105	90 - 110	G

Method Blank(5652316)

Parameter	Results	Units	PQL	MDL	Lab
Ammonia (N)	0.017 U	mg/L	0.040	0.017	G

Lab Control Sample (5652317)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Ammonia (N)	mg/L	0.50	0.5	100	90 - 110	G

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Results

QC Batch: WCAg/19549

Analysis Method: EPA 350.1

Preparation Method: EPA 350.1

Associated Lab IDs: J2500326011, J2500326012, J2500326013, J2500326014, J2500326015, J2500326016, J2500326017

Matrix Spike (5652318); Matrix Spike Duplicate (5652319); Original (J2500326012); Parent Lab Sample (J2500326012)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Ammonia (N)	mg/L	0.40	0.97	28	90 - 110	0.96	25	1	10	G

Contin. Calib. Verif. SJRWMD (5652320)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Ammonia (N)	mg/L	0.20	0.21	105	90 - 110	G

Method Blank(5652321)

Parameter	Results	Units	PQL	MDL	Lab
Ammonia (N)	0.017 U	mg/L	0.040	0.017	G

Lab Control Sample (5652322)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Ammonia (N)	mg/L	0.50	0.5	100	90 - 110	G

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Results

QC Batch: WCAg/19549

Analysis Method: EPA 350.1

Preparation Method: EPA 350.1

Associated Lab IDs: J2500326013, J2500326014, J2500326015, J2500326016, J2500326017

Matrix Spike (5652323); Matrix Spike Duplicate (5652324); Original (J2500421003); Parent Lab Sample (J2500421003)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Ammonia (N)	mg/L	0.50	0.77	84	90 - 110	0.76	82	1	10	G

Contin. Calib. Verif. SJRWMD (5652325)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Ammonia (N)	mg/L	0.20	0.2	102	90 - 110	G

Method Blank(5652326)

Parameter	Results	Units	PQL	MDL	Lab
Ammonia (N)	0.017 U	mg/L	0.040	0.017	G

Lab Control Sample (5652327)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Ammonia (N)	mg/L	0.50	0.5	101	90 - 110	G

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Results

QC Batch: WCAj/17388 **Analysis Method:** EPA 300.0
Preparation Method: EPA 300.0
Associated Lab IDs: J2500326001, J2500326002, J2500326003, J2500326004, J2500326005, J2500326006, J2500326007

Matrix Spike (5644913); Matrix Spike Duplicate (5644914); Original (J2500297001); Parent Lab Sample (J2500297001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chloride	mg/L	2000	2200	97	90 - 110	2200	97	0	10	J
Nitrate (as N)	mg/L	200	190	96	90 - 110	180	91	5	10	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Results

QC Batch: WCAj/17388

Analysis Method: EPA 300.0

Preparation Method: EPA 300.0

Associated Lab IDs: J2500326001, J2500326002, J2500326003, J2500326004, J2500326005, J2500326006, J2500326007, J2500326008, J2500326009

Method Blank(5644911)

Parameter	Results	Units	PQL	MDL	Lab
Chloride	2.0 U	mg/L	8.0	2.0	J
Nitrate (as N)	0.20 U	mg/L	0.80	0.20	J

Lab Control Sample (5644912)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Chloride	mg/L	20	20	100	90 - 110	J
Nitrate (as N)	mg/L	2	2	102	90 - 110	J

Matrix Spike (5645434); Matrix Spike Duplicate (5645435); Original (J2500326007); Parent Lab Sample (J2500326007)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chloride	mg/L	20	27	103	90 - 110	28	105	1	10	J
Nitrate (as N)	mg/L	2	12	85	90 - 110	14	148	10	10	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Results

QC Batch: WCAj/17401

Analysis Method: SM 2540 C

Preparation Method: SM 2540 C

Associated Lab IDs: J2500326001, J2500326002, J2500326003, J2500326004, J2500326005, J2500326006, J2500326007, J2500326008, J2500326009

Method Blank(5647164)

Parameter	Results	Units	PQL	MDL	Lab
Total Dissolved Solids	10 U	mg/L	10	10	J

Lab Control Sample (5647165)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Dissolved Solids	mg/L	300	310	105	85 - 115	J

Sample Duplicate (5647166); Original (J2500326001); Parent Lab Sample (J2500326001, J2500326002, J2500326003, J2500326004, J2500326005, J2500326006, J2500326007, J2500326008, J2500326009)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Total Dissolved Solids	90	94	mg/L	4	10	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Results

QC Batch: WCAj/17405 **Analysis Method:** EPA 300.0
Preparation Method: EPA 300.0
Associated Lab IDs: J2500326011, J2500326012, J2500326013, J2500326014, J2500326015

Matrix Spike (5647835); Matrix Spike Duplicate (5647836); Original (J2500421001); Parent Lab Sample (J2500421001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chloride	mg/L	20	55	91	90 - 110	55	92	0	10	J
Nitrate (as N)	mg/L	2	2.2	89	90 - 110	1.4	53	40	10	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Results

QC Batch: WCAj/17405

Analysis Method: EPA 300.0

Preparation Method: EPA 300.0

Associated Lab IDs: J2500326011, J2500326012, J2500326013, J2500326014, J2500326015, J2500326016, J2500326017

Method Blank(5647833)

Parameter	Results	Units	PQL	MDL	Lab
Chloride	2.0 U	mg/L	8.0	2.0	J
Nitrate (as N)	0.20 U	mg/L	0.80	0.20	J

Lab Control Sample (5647834)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Chloride	mg/L	20	21	103	90 - 110	J
Nitrate (as N)	mg/L	2	2.1	104	90 - 110	J

Matrix Spike (5647952); Matrix Spike Duplicate (5647953); Original (J2500326015); Parent Lab Sample (J2500326015)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Chloride	mg/L	100	170	101	90 - 110	170	101	0	10	J
Nitrate (as N)	mg/L	10	10	92	90 - 110	10	93	1	10	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Results

QC Batch: WCAj/17446

Analysis Method: SM 2540 C

Preparation Method: SM 2540 C

Associated Lab IDs: J2500326011, J2500326012, J2500326013, J2500326014, J2500326015, J2500326016, J2500326017

Method Blank(5653115)

Parameter	Results	Units	PQL	MDL	Lab
Total Dissolved Solids	10 U	mg/L	10	10	J

Lab Control Sample (5653116)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Dissolved Solids	mg/L	300	320	107	85 - 115	J

Sample Duplicate (5653117); Original (J2500326011); Parent Lab Sample (J2500326011, J2500326012, J2500326013, J2500326014, J2500326015, J2500326016, J2500326017)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Total Dissolved Solids	121	114	mg/L	6	10	J

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Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
CVAj/2748 - SW-846 7470A			
J2500326001	MW-10	DGMj/9780	SW-846 7470A
J2500326002	MW-2A	DGMj/9780	SW-846 7470A
J2500326003	MW-9	DGMj/9780	SW-846 7470A
J2500326004	MW-1A	DGMj/9780	SW-846 7470A
J2500326005	MW-11	DGMj/9780	SW-846 7470A
J2500326006	MW-12	DGMj/9780	SW-846 7470A
J2500326007	MW-13	DGMj/9780	SW-846 7470A
J2500326008	MW-16	DGMj/9780	SW-846 7470A
J2500326009	MW-15	DGMj/9780	SW-846 7470A
J2500326011	MW-17	DGMj/9780	SW-846 7470A
J2500326012	MW-4A	DGMj/9780	SW-846 7470A
J2500326013	MW-5A	DGMj/9780	SW-846 7470A
J2500326014	MW-6A	DGMj/9780	SW-846 7470A
J2500326015	MW-7A	DGMj/9780	SW-846 7470A
J2500326016	MW-8A	DGMj/9780	SW-846 7470A
J2500326017	DUP	DGMj/9780	SW-846 7470A
ICMj/5078 - SW-846 6020			
J2500326001	MW-10	DGMj/9827	SW-846 3010A
J2500326002	MW-2A	DGMj/9827	SW-846 3010A
J2500326003	MW-9	DGMj/9827	SW-846 3010A
J2500326004	MW-1A	DGMj/9827	SW-846 3010A
J2500326005	MW-11	DGMj/9827	SW-846 3010A
J2500326006	MW-12	DGMj/9827	SW-846 3010A
J2500326007	MW-13	DGMj/9827	SW-846 3010A
J2500326008	MW-16	DGMj/9827	SW-846 3010A
J2500326009	MW-15	DGMj/9827	SW-846 3010A
J2500326011	MW-17	DGMj/9827	SW-846 3010A
J2500326012	MW-4A	DGMj/9827	SW-846 3010A
J2500326013	MW-5A	DGMj/9827	SW-846 3010A
J2500326014	MW-6A	DGMj/9827	SW-846 3010A
J2500326015	MW-7A	DGMj/9827	SW-846 3010A
J2500326016	MW-8A	DGMj/9827	SW-846 3010A
J2500326017	DUP	DGMj/9827	SW-846 3010A

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Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
ICPj/4062 - SW-846 6010			
J2500326001	MW-10	DGMj/9777	SW-846 3010A
J2500326002	MW-2A	DGMj/9777	SW-846 3010A
J2500326003	MW-9	DGMj/9777	SW-846 3010A
J2500326004	MW-1A	DGMj/9777	SW-846 3010A
J2500326005	MW-11	DGMj/9777	SW-846 3010A
J2500326006	MW-12	DGMj/9777	SW-846 3010A
J2500326007	MW-13	DGMj/9777	SW-846 3010A
J2500326008	MW-16	DGMj/9777	SW-846 3010A
J2500326009	MW-15	DGMj/9777	SW-846 3010A
ICPj/4067 - SW-846 6010			
J2500326011	MW-17	DGMj/9783	SW-846 3010A
J2500326012	MW-4A	DGMj/9783	SW-846 3010A
J2500326013	MW-5A	DGMj/9783	SW-846 3010A
J2500326014	MW-6A	DGMj/9783	SW-846 3010A
J2500326015	MW-7A	DGMj/9783	SW-846 3010A
J2500326016	MW-8A	DGMj/9783	SW-846 3010A
J2500326017	DUP	DGMj/9783	SW-846 3010A
MSVj/11644 - SW-846 8260D (SIM)			
J2500326001	MW-10	MSVj/11643	SW-846 5030B
J2500326002	MW-2A	MSVj/11643	SW-846 5030B
J2500326003	MW-9	MSVj/11643	SW-846 5030B
J2500326004	MW-1A	MSVj/11643	SW-846 5030B
J2500326005	MW-11	MSVj/11643	SW-846 5030B
J2500326006	MW-12	MSVj/11643	SW-846 5030B
J2500326007	MW-13	MSVj/11643	SW-846 5030B
J2500326008	MW-16	MSVj/11643	SW-846 5030B
J2500326009	MW-15	MSVj/11643	SW-846 5030B
J2500326010	Trip Blank-1	MSVj/11643	SW-846 5030B

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Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
MSVj/11646 - SW-846 8260D			
J2500326001	MW-10	MSVj/11645	SW-846 5030B
J2500326002	MW-2A	MSVj/11645	SW-846 5030B
J2500326003	MW-9	MSVj/11645	SW-846 5030B
J2500326004	MW-1A	MSVj/11645	SW-846 5030B
J2500326005	MW-11	MSVj/11645	SW-846 5030B
J2500326006	MW-12	MSVj/11645	SW-846 5030B
J2500326007	MW-13	MSVj/11645	SW-846 5030B
J2500326008	MW-16	MSVj/11645	SW-846 5030B
J2500326009	MW-15	MSVj/11645	SW-846 5030B
J2500326010	Trip Blank-1	MSVj/11645	SW-846 5030B
MSVj/11652 - SW-846 8260D			
J2500326011	MW-17	MSVj/11651	SW-846 5030B
J2500326012	MW-4A	MSVj/11651	SW-846 5030B
J2500326013	MW-5A	MSVj/11651	SW-846 5030B
J2500326014	MW-6A	MSVj/11651	SW-846 5030B
J2500326015	MW-7A	MSVj/11651	SW-846 5030B
J2500326016	MW-8A	MSVj/11651	SW-846 5030B
J2500326017	DUP	MSVj/11651	SW-846 5030B
J2500326018	Trip Blank-2	MSVj/11651	SW-846 5030B
MSVj/11654 - SW-846 8260D (SIM)			
J2500326011	MW-17	MSVj/11653	SW-846 5030B
J2500326012	MW-4A	MSVj/11653	SW-846 5030B
J2500326013	MW-5A	MSVj/11653	SW-846 5030B
J2500326014	MW-6A	MSVj/11653	SW-846 5030B
J2500326015	MW-7A	MSVj/11653	SW-846 5030B
J2500326016	MW-8A	MSVj/11653	SW-846 5030B
J2500326017	DUP	MSVj/11653	SW-846 5030B
J2500326018	Trip Blank-2	MSVj/11653	SW-846 5030B

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Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAg/19549 - EPA 350.1			
J2500326001	MW-10		
J2500326002	MW-2A		
J2500326003	MW-9		
J2500326004	MW-1A		
J2500326005	MW-11		
J2500326006	MW-12		
J2500326007	MW-13		
J2500326008	MW-16		
J2500326009	MW-15		
J2500326011	MW-17		
J2500326012	MW-4A		
J2500326013	MW-5A		
J2500326014	MW-6A		
J2500326015	MW-7A		
J2500326016	MW-8A		
J2500326017	DUP		
WCAj/17388 - EPA 300.0			
J2500326001	MW-10		
J2500326002	MW-2A		
J2500326003	MW-9		
J2500326004	MW-1A		
J2500326005	MW-11		
J2500326006	MW-12		
J2500326007	MW-13		
J2500326008	MW-16		
J2500326009	MW-15		

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Workorder: ACMS CLASS I LANDFILL (J2500326)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
WCAj/17401 - SM 2540 C			
J2500326001	MW-10		
J2500326002	MW-2A		
J2500326003	MW-9		
J2500326004	MW-1A		
J2500326005	MW-11		
J2500326006	MW-12		
J2500326007	MW-13		
J2500326008	MW-16		
J2500326009	MW-15		
WCAj/17405 - EPA 300.0			
J2500326011	MW-17		
J2500326012	MW-4A		
J2500326013	MW-5A		
J2500326014	MW-6A		
J2500326015	MW-7A		
J2500326016	MW-8A		
J2500326017	DUP		
WCAj/17446 - SM 2540 C			
J2500326011	MW-17		
J2500326012	MW-4A		
J2500326013	MW-5A		
J2500326014	MW-6A		
J2500326015	MW-7A		
J2500326016	MW-8A		
J2500326017	DUP		

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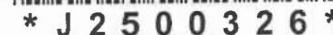
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☐ Tampa: 9610 Princess I

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge Preservation Code: I = ice H=(HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)

Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A

Site-Address:



☐ **Altamonte Springs:** 380 Northlake Blvd., Ste. 1048, FL 32701 • 407.937.1594 • Lab ID: E53076

☐ **Fort Myers:** 13100 Westlinks Terrace, Ste. 10, FL 33913 • 239.674.8130 • Lab ID: E84492

☒ **Jacksonville:** 6681 Southpoint Pkwy., FL 32216 • 904.363.9350 • Lab ID: E82574

☐ **Tallahassee:** 2639 North Monroe St, Suite D, FL 32303 • 850.219.6274 • Lab ID: E811095

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☐ **Gainesville:** 4965 SW 41st Blvd., FL 32608 • 352.377.2349 • Lab ID: E82001

☐ **Miramar:** 10200 USA Today Way, FL 33025 • 954.889.2288 • Lab ID: E82535

☐ **Tampa:** 9610 Princess Palm Ave., FL 33619 • 813.630.9616 • Lab ID: E84589

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge Preservation Code: I = ice H = (HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)

Received on Ice ☐ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked Temp. when received (observed) 0.1 °C Temp. when received (corrected) 0.1 °C

DCN: AD-D051web Form last revised 08/07/2019 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A

Relinquished by:		Date	Time	Received by:		Date	Time
1	<i>Joe Tey</i>	1-9-25	0809	<i>David Duff</i>	1-9-25	809	
2							
3							
4							

FOR DRINKING WATER USE:

(When PWS Information not otherwise supplied) PWS ID: _____

Contact Person: _____

Supplier of Water: _____

Site-Address: _____



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FINAL

Workorder: ACMS CLASS I LANDFILL (A2502028)

March 03, 2025

Brett O'Connor
Waste Connections
5135 Madison Avenue
Tampa, FL 33619

RE: Workorder: A2502028 ACMS CLASS I LANDFILL

Dear Brett O'Connor:

Enclosed are the analytical results for sample(s) received by the laboratory on Monday February 24, 2025. Results reported herein conform to the most current NELAP standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

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

Sincerely,

Craig Myers
CMyers@aellab.com

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FINAL

Workorder: ACMS CLASS I LANDFILL (A2502028)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
A2502028001	MW-8A	WA	SW-846 8260D	02/24/2025 10:35	02/24/2025 13:30	1	NA
A2502028002	MW-11	WA	SW-846 8260D	02/24/2025 11:30	02/24/2025 13:30	1	NA
A2502028003	MW-5A	WA	SW-846 8260D	02/24/2025 09:50	02/24/2025 13:30	1	NA
A2502028004	MW-13	WA	EPA 300.0	02/24/2025 07:30	02/24/2025 13:30	1	NA
A2502028005	Trip Blank	WA	SW-846 8260D	02/24/2025 13:30	02/24/2025 13:30	2	NA

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Workorder: ACMS CLASS I LANDFILL (A2502028)

Workorder Summary

Batch Comments

MSVj/12043 - 8260D Analysis, Water

The Continuing Calibration Verification (CCV) standards were below the method acceptance of 80-120% for Iodomethane and Vinyl Acetate. However, a Method Reporting Limit (MRL) standard was run at the end of the analytical sequence. Since the analytes in question were detected in the MRL standard, instrument sensitivity was documented. As the analytes in question were not detected in the field samples, the results are deemed acceptable.

The relative percent difference (RPD) for Iodomethane between the Laboratory Control Sample (LCS) and the Laboratory Control Sample Duplicate (LCSD) was outside control criteria due to relatively higher spike recovery in 5724195-LCSD in comparison with 5724194-LCS. Spike recoveries in the LCS and LCSD were within acceptable limits, indicating the analytical batch was in control. No further corrective action was required.

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FINAL

Workorder: ACMS CLASS I LANDFILL (A2502028)

Analytical Results Qualifiers

Parameter Qualifiers

- U The compound was analyzed for but not detected.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Lab Qualifiers

- A DOH Certification #E53076 (FL NELAC) AEL-Altamonte Springs
- J DOH Certification #E82574 (FL NELAC) AEL-Jacksonville
DOD-ELAP Certification #L23-514 (ISO/IEC 17025:2017) AEL-Jacksonville

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FINAL

Workorder: ACMS CLASS I LANDFILL (A2502028)

Analytical Results

Lab ID: A2502028001	Date Collected: 02/24/2025 10:35	Matrix: Water
Sample ID: MW-8A	Date Received: 02/24/2025 13:30	

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260D)								
Benzene	38	ug/L	1.0	0.25	1	02/28/2025 22:39	03/01/2025 06:44	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	51	101	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	57	115	86 - 123	J
Toluene-d8 (S)	ug/L	50	47	94	77 - 119	J

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Workorder: ACMS CLASS I LANDFILL (A2502028)

Analytical Results

Lab ID: A2502028002	Date Collected: 02/24/2025 11:30	Matrix: Water
Sample ID: MW-11	Date Received: 02/24/2025 13:30	

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260D)								
Benzene	1.5	ug/L	1.0	0.25	1	02/28/2025 22:39	03/01/2025 07:09	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Toluene-d8 (S)	ug/L	50	50	101	77 - 119	J
Bromofluorobenzene (S)	ug/L	50	57	114	86 - 123	J
1,2-Dichloroethane-d4 (S)	ug/L	50	51	103	70 - 128	J

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Workorder: ACMS CLASS I LANDFILL (A2502028)

Analytical Results

Lab ID: A2502028003	Date Collected: 02/24/2025 09:50	Matrix: Water
Sample ID: MW-5A	Date Received: 02/24/2025 13:30	

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260D)								
Toluene	56	ug/L	1.0	0.25	1	02/28/2025 22:39	03/01/2025 07:33	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Bromofluorobenzene (S)	ug/L	50	61	122	86 - 123	J
Toluene-d8 (S)	ug/L	50	50	100	77 - 119	J
1,2-Dichloroethane-d4 (S)	ug/L	50	51	103	70 - 128	J

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Workorder: ACMS CLASS I LANDFILL (A2502028)

Analytical Results

Lab ID: A2502028004		Date Collected: 02/24/2025 07:30		Matrix: Water				
Sample ID: MW-13		Date Received: 02/24/2025 13:30						
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
WET CHEMISTRY (EPA 300.0)								
Nitrate (as N)	8.2	mg/L	0.10	0.024	1	02/25/2025 11:05	02/25/2025 11:05	A

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Workorder: ACMS CLASS I LANDFILL (A2502028)

Analytical Results

Lab ID: A2502028005	Date Collected: 02/24/2025 13:30	Matrix: Water
Sample ID: Trip Blank	Date Received: 02/24/2025 13:30	

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
VOLATILES (SW-846 5030B/SW-846 8260D)								
Benzene	0.25 U	ug/L	1.0	0.25	1	02/28/2025 22:39	03/01/2025 07:57	J
Toluene	0.25 U	ug/L	1.0	0.25	1	02/28/2025 22:39	03/01/2025 07:57	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	54	108	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	56	112	86 - 123	J
Toluene-d8 (S)	ug/L	50	49	99	77 - 119	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (A2502028)

QC Results

QC Batch: MSVj12043 Analysis Method: SW-846 8260D
Preparation Method: SW-846 5030B
Associated Lab IDs: A2502028001, A2502028002, A2502028003, A2502028005

Method Blank(5724193)

Parameter	Results	Units	PQL	MDL	Lab
Benzene	0.25 U	ug/L	1.0	0.25	J
Toluene	0.25 U	ug/L	1.0	0.25	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	51	101	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	53	107	86 - 123	J
Toluene-d8 (S)	ug/L	50	49	98	77 - 119	J

Lab Control Sample (5724194); Lab Control Sample Duplicate (5724195); Parent Lab Sample (A2502028001, A2502028002, A2502028003, A2502028005)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Benzene	ug/L	20	21	105	79 - 120	21	106	1	20	J
Toluene	ug/L	20	21	107	80 - 121	21	104	3	20	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	49	97	70 - 128	49	99	1		J
Bromofluorobenzene (S)	ug/L	50	49	98	86 - 123	48	96	2		J
Toluene-d8 (S)	ug/L	50	52	103	77 - 119	50	100	3		J

Matrix Spike (5724196); Original (A2502028001); Parent Lab Sample (A2502028001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Benzene	ug/L	20	62	118	79 - 120	J
Toluene	ug/L	20	24	120	80 - 121	J

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
1,2-Dichloroethane-d4 (S)	ug/L	50	47	94	70 - 128	J
Bromofluorobenzene (S)	ug/L	50	49	98	86 - 123	J
Toluene-d8 (S)	ug/L	50	51	102	77 - 119	J

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FINAL

Workorder: ACMS CLASS I LANDFILL (A2502028)

QC Results

QC Batch: WCAa/7811

Analysis Method: EPA 300.0

Preparation Method: EPA 300.0

Associated Lab IDs: A2502028004

Lab Control Sample (5723488)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Nitrate (as N)	mg/L	5	4.7	94	90 - 110	A

Method Blank(5723490)

Parameter	Results	Units	PQL	MDL	Lab
Nitrate (as N)	0.024 U	mg/L	0.10	0.024	A

Matrix Spike (5723491); Matrix Spike Duplicate (5723492); Original (A2502051002); Parent Lab Sample (A2502051002)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Nitrate (as N)	mg/L	2	2	89	90 - 110	2.1	89	0	10	A

Method Blank(5723494)

Parameter	Results	Units	PQL	MDL	Lab
Nitrate (as N)	0.024 U	mg/L	0.10	0.024	A

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FINAL

Workorder: ACMS CLASS I LANDFILL (A2502028)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
MSVj/12043 - SW-846 8260D			
A2502028001	MW-8A	MSVj/12042	SW-846 5030B
A2502028002	MW-11	MSVj/12042	SW-846 5030B
A2502028003	MW-5A	MSVj/12042	SW-846 5030B
A2502028005	Trip Blank	MSVj/12042	SW-846 5030B
WCAa/7811 - EPA 300.0			
A2502028004	MW-13		

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☐ **Gainesville:** 4965 SW 41st Blvd., FL 32608 • 352.377.2349 • Lab ID: E82001

☐ **Miramar:** 10200 USA Today Way, FL 33025 • 954.889.2288 • Lab ID: E82535

☐ **Tampa:** 9610 Princess Palm Ave., FL 33619 • 813.630.9616 • Lab ID: E84589

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Matrix Code: WW = wastewater	SW = surface water	GW = ground water	DW = drinking water	O = oil	A = air	SO = soil	SL = sludge	Preservation Code: I = ice	H=(HCl)	S = (H ₂ SO ₄)	N = (HNO ₃)	T = (Sodium Thiosulfate)
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Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A

FOR DRINKING WATER USE:

Site-Address: