April | 25

Town of Dewitt Landfill
Annual Engineer's Report

East Syracuse, New York

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2024 Annual Post-Closure Monitoring Report
Town of Dewitt Landfill
Fisher Road
East Syracuse, NY
Onondaga County, New York

Prepared for
Town of Dewitt

By
Miller Engineers
Manlius, NY
April 2025

2024 Annual Post-Closure Monitoring Report
Town of Dewitt Landfill

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1. INTRODUCTION

The Town of Dewitt retained Miller Engineers to observe, assist, and document post-closure monitoring activities at the Town of Dewitt Landfill in East Syracuse, New York. This report summarizes post-closure monitoring activities conducted in 2024 and provides the laboratory results of surface water, groundwater and landfill gas samples collected during the year.

2. BACKGROUND

The former Town of Dewitt Landfill is located between Butternut Drive and Burdick Street in East Syracuse, New York and is approximately 57 acres in size. Access to the site is from Fisher Road and is limited by a chain link fence and a locked gate. The site is surrounded by light industrial properties to the north and west and residential properties to the east. The Erie Canal, to the south, is a recreational area with multi-use trail, boating access and a picnic area.

The site is an inactive municipal landfill that previously accepted residential and industrial waste. The landfill was closed by the Town of Dewitt under the New York State Department of Environmental Conservation (NYSDEC) state Superfund Program (site code 734012). Investigation and remediation efforts included a Remedial Investigation/Feasibility Study in 1992, an Interim Remedial Measure (IRM) completed in 1994 (Part 360 landfill cap) and a Record of Decision (ROD) in March 1994. This site was included on the NYSDEC's list of Legacy sites based on the potential for soil vapor intrusion. Based upon additional evaluation by the New York State Department of Health (NYSDOH), the site was removed from the list in April 2009. Currently the site is monitored in accordance with the Monitoring and Maintenance Operations Manual (MMOM) prepared in December 1994 by O'Brien and Gere Engineers, Inc. for the Town of Dewitt.

In 2018, NYSDEC requested sampling for emerging contaminants (PFOAs and 1,4 dioxane) at the landfill. Samples were collected in December 2018, and a letter report submitted to NYSDEC in April 2019. Detections of some emerging contaminants were observed. In September 2022, after reviewing the results of the 2018 PFOA sampling event, NYSDEC requested that the Town add 1,4 Dioxane to the analyte list for annual groundwater sampling for 2023 and beyond. Annual sampling for 1,4 dioxane was included in the ongoing groundwater sampling program starting with the 3rd quarter sampling event of 2023.

In 2020 a solar panel array was constructed on the landfill and connected to the National Grid power grid near the Fisher Road landfill gate. The land for the solar panel array is leased from the Town of Dewitt and the operation and maintenance of the solar array and associated equipment are performed by a third party.

3. LANDFILL RECONNAISSANCE

Site visits were performed during March, June, September, and November 2024 to assess general site conditions at the landfill and to collect environmental samples. Landfill reconnaissance included observations and assessments of the final cover and vegetation, landfill gas venting system, storm water management system and access road, perimeter fence conditions, and the solar panel array. A summary of the observations is provided below. Appendix A presents the Inspection and Maintenance checklist completed March 14, 2024. Appendix B provides a photographic log of typical conditions observed at the landfill during 2024.

3.1 Final Cover and Vegetation

The site visits revealed uniform, healthy growth of grass across the landfill (See Appendix B, Photo 5). No woody bushes were observed near the gas vents, in down-chutes, or beneath solar panels (see Appendix B, Photos 3, 5, 6 and 8).

Based on these observations, the cover layer and cap material are in good repair and there are no deep-rooted plants or ruts compromising the low-permeability cap layer or allowing precipitation to infiltrate the waste layer.

3.2 Landfill Gas System

There are a total of 22 gas vents that comprise the passive gas venting system at the landfill (see Figure 1). All gas vents were observed to be in good repair and operable during the March 2024 visit. Vent screens were free of debris and blockages and appeared to be operating as designed.

Previous monitoring reports indicate that the most prolific gas producing vents are located along the east-west trending ridge at the top of the landfill. Qualitative observations, gas flow measurements and gas sampling were conducted at these vents on November 11, 2024. Results of gas vent observations and sampling are discussed in Section 4.3.

3.3 Storm-water Management and Drainage

A series of radial drainage ditches lined with riprap overlying perforated drainpipe are spaced around the landfill to facilitate storm water run-off and to minimize ponding and infiltration into the waste mass. During each of the 2024 site visits the ditches were observed to be unobstructed by woody growth under the solar array or adjacent to above ground electrical conduit. The drainage features are in good repair with no signs of erosion, or fine sediment accumulation. Some temporary ponding was observed on the top of the landfill slope near the solar array (see Appendix B, Photo 4). There were no small trees or tall woody plants observed in the down chutes

and the ditches appeared to drain efficiently. At this time, the drainage system appears to be functioning as designed.

3.4 Access Road and Fencing

A crushed stone access road surrounds the landfill and is located on the lower side slope. Vehicle traffic accesses the road through a locked chain link fence gate located on the north side of the landfill at the southern end of Fisher Road (see Figure 1 and Appendix B, Photo 1). In March 2024, the access road was observed to be in good repair with no washouts and no impassable dips or ruts.

The landfill is bounded on the south by an eight-foot-tall chain link fence that separates the Erie Canal towpath from the landfill (see Appendix B, Photo 2). The fence was observed to be in good repair with no openings or breaks in the fence and no damaged posts or rails. A short section of fence is also located at the access gate at Fisher Road and spans the access road at the northern landfill boundary between a stand of mature trees and a wetland. The fence and gate adequately prevent automobile and truck traffic from unauthorized entry to the landfill. On occasion, recreational ATV tracks have been observed, at various times of the year, circumventing the fence and accessing the landfill via the wetland.

In general, the access road and fencing appear to be functioning as designed.

3.5 Monitoring Wells

There are a total of 18 monitoring wells at the site. The wells are located outside the perimeter of the landfill. Well MW-1S, MW-7S, and MW-11D are upgradient and located south of the Erie Canal. Well couplets MW-4S,D, MW-5S,D and well MW-6S (see Appendix B, Photo 7) are downgradient and located on the north side of the landfill. The remaining monitoring wells are side-gradient. The wells were all observed to be in good repair and suitable for representative groundwater sampling. Table 1 lists the specifications of the monitoring wells.

4. POST-CLOSURE SAMPLING

The Monitoring and Maintenance Operations Manual (MMOM) calls for surface water, groundwater, and landfill gas monitoring. The sections below describe locations, frequency, methods and results for surface water, groundwater, and gas vent sampling. Figure 1 shows the sampling locations. Sampling results were tabulated and compared to standards, criteria, and guidance (SCG) appropriate for each sampling media and described below. Groundwater, surface water and gas vent samples were all analyzed by Alpha Analytical, Inc (New York State ELAP certification no. 11148) for Part 360 Baseline parameters plus 1,4 Dioxane

4.1 Surface Water Sampling

The MMOM requires surface water samples to be collected once every calendar quarter at three designated locations. Surface sample locations SW-1, SW-2 and SW-3 are located at the toe of the landfill slope and on the edge of the surrounding wetland. Surface water samples were collected on November 11, 2024. All surface water sample locations were dry during the first, second, and third quarter sampling visits.

Surface water samples were collected by digging a shallow hole in the wetland and allowing the hole to fill with water. Sample containers were filled by submerging them in the standing water. The samples were preserved on ice and shipped directly to the laboratory by the sampling crew. The samples were analyzed for Priority Pollutant Metals, volatile organic compounds (VOCs) using USEPA Method 624 and total dissolved solids (TDS).

Surface water sampling results we compared to SCGs defined in NYSDEC "*Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998*" and subsequent addendums.

The results of the surface water sampling event indicate that there were a total of ten SCG exceedances. The exceedances included seven metals at SW-2, two metals at SW-1 and one metal at SW-3. There were no exceedances of SCGs for VOCs at any of the surface water sample locations..

There were no SCG exceedances for any other analytes.

The full list of analytes and results for each surface water location and each sampling event are presented in Tables 2a, 2b and 2c. The field observation forms are presented in Appendix C, and the full laboratory reports including quantified results and laboratory quality assurance/quality control data are presented Appendix D.

4.2 Groundwater Sampling

The MMOM requires groundwater samples to be collected once every calendar year at each of the 18 monitoring wells (see Figure 1). Groundwater samples were collected on November 7, 2024. The sampling date rotates by quarter in a four-year sequence. Table A-1 lists the sampling schedule.

Groundwater samples were collected using dedicated bailers to purge each of the wells of three volumes of water prior to sample collection. After purging, field parameters including temperature, pH, turbidity, conductance, oxidation-reduction potential, and dissolved oxygen were measured and recorded on field data sheets. The field data sheets are presented in Appendix C. The sample containers were filled using bailers and then preserved with ice and shipped directly

to the laboratory by the sampling crew. The samples were analyzed for Priority Pollutant Metals, VOCs using USEPA Method 624 and total dissolved solids (TDS).

Groundwater sampling results were compared to SCGs defined in NYSDEC "*TOGS 1.1.1 Ambient Water Quality* Standards *and Guidance Values and Groundwater Effluent Limitations, June 1998*" and subsequent addendums.

The results of the groundwater sampling are presented in Tables 3a and 3b. The results indicate metals exceedances in four of the wells. The SCG for arsenic (25ug/l) was exceeded at MW-3S and MW-9S, with concentrations ranging from 41 to 84 ug/l. The SCG for chromium (50 ug/l) was exceeded at MW-9D and MW-11D at concentrations of 570.4 ug/l and 2,417 ug/l, respectively. The SCG for nickel (100 ug/l was exceeded at MW-9D (901 ug/l) and MW-11D (792 ug/l). The SCG for lead (25ug/l) was exceeded at MW-3S at 46.74 ug/l and MW-11D at 70.7 ug/l. The SCG for thallium (0.5 ug/l) was exceeded at MW-3S, MW-9S and MW-11D with concentrations ranging from 0.55 ug/l to 1.62 ug/l. The SCG for selenium (10ug/l) was exceeded at MW-11D at a concentration of 19.7 ug/l. No other metals exceeded SCGs at any other wells.

The VOC cis-1,2-dichloroethene exceeded its SCG (5 ug/l) at MW-4S, and MW-4D with concentrations ranging from 76 ug/l to 150 ug/l. Vinyl chloride exceeded the SCG of 2 ug/l at MW-4S, MW-4D, MW-8S and MW-9S with concentrations ranging from 3.9 to 58 ug/l. Trichloroethene exceeded its SCG of 5 ug/l at MW-4D at a concentration of 19 ug/l. Acetone also exceeded its SCG of 50 ug/l in MW-9D at a concentration of 80 ug/l. No other VOCs exceeded SCGs at any other wells.

The analyte 1,4 dioxane exceeded its SCG (0.35 ug/l) at six shallow wells and three deep wells. The exceedances ranged from 2.2 ug/l to 64 ug/l.

The field observation forms are presented in Appendix C, and the full laboratory reports including quantified results and laboratory quality assurance/quality control data are presented Appendix D.

4.3 Gas Vent Sampling

The MMOM requires that specific gas vents be monitored once per year with the three vents exhibiting the most prolific gas flows being sampled for laboratory analysis. Gas vents V-3, V-9, V-10, V-11, V-12, and V-18 (see Figure 1) were screened in the field on November 11, 2024, using a GEM 5000+ air analyzer and Veloci-calc 9565-P for methane, carbon dioxide, oxygen, hydrogen sulfide, carbon monoxide, and exit velocity. The gas vent field measurements were recorded on field logs and are presented in Appendix C. The field results indicated that gas vents V-9, V-10, and V-11 exhibited the highest gas velocities and gas samples were collected from those locations for laboratory analysis of VOCs using EPA Method TO-15.

Soil vent gas sampling results we compared to SCGs established in "*NY-SSC-A: New York DOH Matrix A, B and C Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017."*

The results indicate the SCG for vinyl chloride exceeded SCGs at V-9, V-10, and V-11, with concentrations ranging from 65 ug/m3 to 228 ug/m3. The VOC cis 1,2-dichloroethene exceeded SCGs at V-10, with a concentration of 59.1 ug/m3. 1,1-dichloroethene exceeded SCGs at V-10 with a concentration of 39 ug/m3. No other analytes exceeded SCGs at the sampled gas vents.

The laboratory results of the gas vent sampling are presented in Table 4. The field observation forms are presented in Appendix C, and the full laboratory reports including quantified results and laboratory quality assurance/quality control data are presented Appendix D.

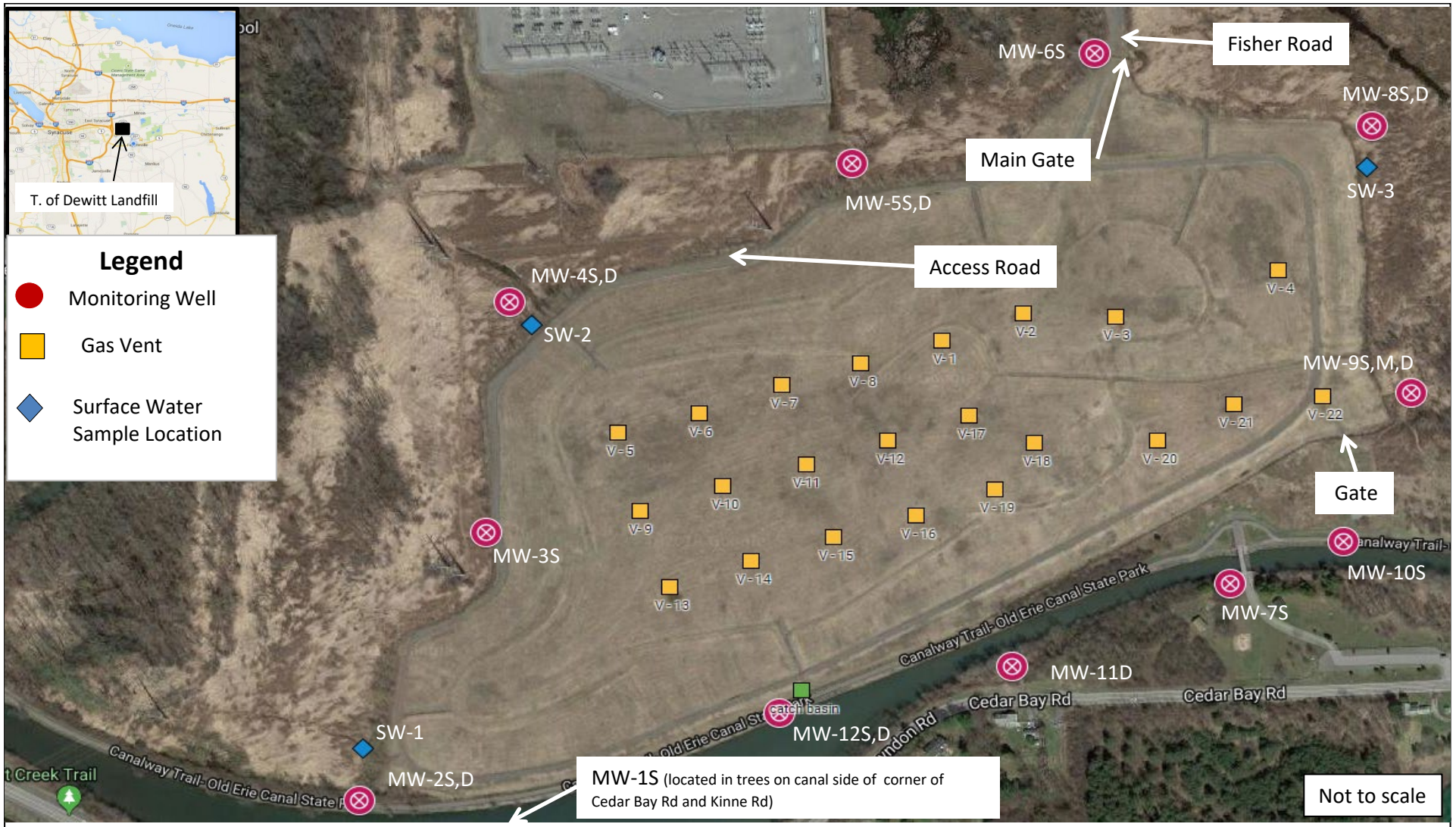
5. CONCLUSION

Based on site visits and the analyses of surface water, groundwater and gas vent samples, the general condition of the landfill is good, and all systems appear to be operating as designed. A few exceedances of environmental sampling SCGs have been noted, however these are comparable to previous years' results and due to relatively low concentrations, isolated occurrences, and lack of significant exposure risks, do not pose a significant threat to human health or the environment.

6. RECOMMENDATIONS

- Continue road maintenance and grass mowing as specified in the Monitoring and Maintenance Operations Manual (MMOM).
- Continue surface water, groundwater (with the addition of 1,4 dioxane) and gas vent monitoring as specified in the MMOM.
- Pay particular attention to possible plant growth and animal behavior changes such as burrowing or congregating beneath solar panels where mowing may be less effective than prior to solar panel installation.

FIGURES



Town of Dewitt Landfill
Fisher Road
East Syracuse, New York

Site Map

FIGURE
1

Revised 3/3/2021

TABLES

Table 1.
Monitoring Well Specifications
Town Of Dewitt Landfill

ID	Well Diameter (inches)	Depth to Bottom (ft below top of casing)	Depth to Bottom by TA (feet below top of casing)	Typical Depth to Water from Top of Casing (feet)	Depth to Water 11/7/2024 (feet below top of casing)
MW-1S	2	21.0	21.08	13	13.47
MW-2S	2	35.5	35.59	12	12.76
MW-2D	2	52.0	51.98	12	11.35
MW-3S	2	35.6	17.45	3	2.35
MW-4S	2	20.0	19.98	2	2.04
MW-4D	2	35.3	35.27	1	1.51
MW-5S	2	26.6	26.59	2	6.98
MW-5D	2	45.0	45.19	2	2.66
MW-6S	2	21.7	27.74	4	4.12
MW-7S	2	22.4	22.38	14	14.72
MW-8S*	2	29.2	29.94	0*	0.30
MW-8D*	2	61.3	61.32	1	0.75
MW-9S	2	12.4	12.39	1	2.10
MW-9M	2	38.0	38.03	2	nm
MW-9D**	2	55.0	55.10	51**	40.17
MW-10S	2	20.6	11.80	11	11.37
MW-11D	2	39.0	39.45	28	31.51
MW-12S	2	23.0	23.01	9	10.05

* this well flows at times

** this well dry at times

Table 2a.
Surface Water Sampling Results
SW-1
Town of Dewitt Landfill
2023

LOCATION			SW-1		SW-1	
SAMPLING DATE			5/15/2023		12/7/2023	
	SCG	Units	Results	Qual	Results	Qual
General Chemistry						
Solids, Total Dissolved		ug/l	1200000		530000	
Total Metals						
Antimony, Total	3	ug/l	50	U	4	U
Arsenic, Total	25	ug/l	2.2	J	0.54	
Beryllium, Total	3	ug/l	5	U	0.5	U
Cadmium, Total	5	ug/l	5	U	0.2	U
Chromium, Total	50	ug/l	3.7	J	0.28	J
Copper, Total	200	ug/l	13.2		1.18	
Lead, Total	25	ug/l	5.2	J	1	U
Mercury, Total	0.7	ug/l	0.2	U	0.2	U
Nickel, Total	100	ug/l	3.4	J	1.66	J
Selenium, Total	10	ug/l	10	U	5	U
Silver, Total	50	ug/l	7	U	0.4	U
Thallium, Total	0.5	ug/l	11.9	J	1	U
Zinc, Total	2000	ug/l	176		10	U
Volatile Organics by GC/MS						
1,1,1-Trichloroethane	5	ug/l	2	U	2	U
1,1,2,2-Tetrachloroethane	5	ug/l	1	U	1	U
1,1,2-Trichloroethane	1	ug/l	1.5	U	1.5	U
1,1-Dichloroethane	5	ug/l	1.5	U	1.5	U
1,1-Dichloroethene	5	ug/l	1	U	1	U
1,2-Dichlorobenzene	3	ug/l	5	U	5	U
1,2-Dichloroethane	0.6	ug/l	1.5	U	1.5	U
1,2-Dichloropropane	1	ug/l	3.5	U	3.5	U
1,3-Dichlorobenzene	3	ug/l	5	U	5	U
1,4-Dichlorobenzene	3	ug/l	0.83	J	5	U
2-Butanone	50	ug/l	10	U	10	U
2-Chloroethylvinyl ether		ug/l	10	U	10	U
2-Hexanone	50	ug/l	10	U	10	U
4-Methyl-2-pentanone		ug/l	10	U	10	U
Acetone	50	ug/l	10	U	10	U
Acrolein	5	ug/l	8	U	8	U
Acrylonitrile	5	ug/l	10	U	10	U
Benzene	1	ug/l	1	U	1	U
Bromodichloromethane	50	ug/l	1	U	1	U
Bromoform	50	ug/l	1	U	1	U
Bromomethane	5	ug/l	5	U	5	U
Carbon disulfide	60	ug/l	5	U	5	U
Carbon tetrachloride	5	ug/l	1	U	1	U
Chlorobenzene	5	ug/l	2.7	J	3.5	U
Chloroethane	5	ug/l	1.9	J	2	U
Chloroform	7	ug/l	1	U	1	U
Chloromethane		ug/l	5	U	5	U
cis-1,2-Dichloroethene	5	ug/l	1	U	1	U
cis-1,3-Dichloropropene	0.4	ug/l	1.5	U	1.5	U
Dibromochloromethane	50	ug/l	1	U	1	U
Dibromomethane	5	ug/l	1	U	1	U
Ethylbenzene	5	ug/l	1	U	1	U
Methylene chloride	5	ug/l	1	U	1	U
o-xylene	5	ug/l	1	U	1	U
p/m-Xylene	5	ug/l	2	U	2	U
Styrene	5	ug/l	1	U	1	U
Tetrachloroethene	5	ug/l	1	U	1	U
Toluene	5	ug/l	1	U	1	U
trans-1,2-Dichloroethene	5	ug/l	1.5	U	1.5	U
trans-1,3-Dichloropropene	0.4	ug/l	1.5	U	1.5	U
Trichloroethene	5	ug/l	1	U	1	U
Trichlorofluoromethane	5	ug/l	5	U	5	U
Vinyl acetate		ug/l	10	U	10	U
Vinyl chloride	2	ug/l	1	U	1	U
Xylenes, Total		ug/l	1	U	1	U

* Comparison is not performed on parameters with non-numeric criteria.

Standard, criteria or guidance (SCG) is the New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.

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

J- The analyte was positively identified-the associated numerical value is the approximate concentration of the analyte in the sample.

- The standard, criteria or guidance value is below the the detection limit.

- The Reported concentration exceeds the standard, crieteria or guidance value.

Table 2b.
Surface Water Sampling Results
SW-2
Town of Dewitt Landfill
2023

LOCATION			SW-2		SW-2	
SAMPLING DATE			5/15/2023		12/7/2023	
	SCG	Units	Results	Qual	Results	Qual
General Chemistry						
Solids, Total Dissolved		ug/l	730000		590000	
Total Metals						
Antimony, Total	3	ug/l	50	U	4	U
Arsenic, Total	25	ug/l	6		21.89	
Beryllium, Total	3	ug/l	5	U	0.55	
Cadmium, Total	5	ug/l	5	U	0.52	
Chromium, Total	50	ug/l	10	U	16.96	
Copper, Total	200	ug/l	10	U	36.81	
Lead, Total	25	ug/l	10	U	25.18	
Mercury, Total	0.7	ug/l	0.2	U	0.22	
Nickel, Total	100	ug/l	8.6	J	32.32	
Selenium, Total	10	ug/l	10	U	5	U
Silver, Total	50	ug/l	7	U	0.4	U
Thallium, Total	0.5	ug/l	12.1	J	1	U
Zinc, Total	2000	ug/l	3.5	J	160.1	
Volatile Organics by GC/MS						
1,1,1-Trichloroethane	5	ug/l	2	U	4	U
1,1,2,2-Tetrachloroethane	5	ug/l	1	U	2	U
1,1,2-Trichloroethane	1	ug/l	1.5	U	3	U
1,1-Dichloroethane	5	ug/l	1.5	U	3	U
1,1-Dichloroethene	5	ug/l	1	U	2	U
1,2-Dichlorobenzene	3	ug/l	5	U	10	U
1,2-Dichloroethane	0.6	ug/l	1.5	U	3	U
1,2-Dichloropropane	1	ug/l	3.5	U	7	U
1,3-Dichlorobenzene	3	ug/l	5	U	10	U
1,4-Dichlorobenzene	3	ug/l	5	U	10	U
2-Butanone	50	ug/l	10	U	20	U
2-Chloroethylvinyl ether		ug/l	10	U	20	U
2-Hexanone	50	ug/l	10	U	20	U
4-Methyl-2-pentanone		ug/l	10	U	20	U
Acetone	50	ug/l	2.5	J	20	U
Acrolein	5	ug/l	8	U	16	U
Acrylonitrile	5	ug/l	10	U	20	U
Benzene	1	ug/l	1	U	2	U
Bromodichloromethane	50	ug/l	1	U	2	U
Bromoform	50	ug/l	1	U	2	U
Bromomethane	5	ug/l	5	U	10	U
Carbon disulfide	60	ug/l	5	U	10	U
Carbon tetrachloride	5	ug/l	1	U	2	U
Chlorobenzene	5	ug/l	3.5	U	7	U
Chloroethane	5	ug/l	2	U	4	U
Chloroform	7	ug/l	1	U	2	U
Chloromethane		ug/l	5	U	10	U
cis-1,2-Dichloroethene	5	ug/l	1	U	2	U
cis-1,3-Dichloropropene	0.4	ug/l	1.5	U	3	U
Dibromochloromethane	50	ug/l	1	U	2	U
Dibromomethane	5	ug/l	1	U	2	U
Ethylbenzene	5	ug/l	1	U	2	U
Methylene chloride	5	ug/l	1	U	2	U
o-xylene	5	ug/l	1	U	2	U
p/m-Xylene	5	ug/l	2	U	4	U
Styrene	5	ug/l	1	U	2	U
Tetrachloroethene	5	ug/l	1	U	2	U
Toluene	5	ug/l	1	U	2	U
trans-1,2-Dichloroethene	5	ug/l	1.5	U	3	U
trans-1,3-Dichloropropene	0.4	ug/l	1.5	U	3	U
Trichloroethene	5	ug/l	1	U	2	U
Trichlorofluoromethane	5	ug/l	5	U	10	U
Vinyl acetate		ug/l	10	U	20	U
Vinyl chloride	2	ug/l	1	U	2	U
Xylenes, Total		ug/l	1	U	2	U

* Comparison is not performed on parameters with non-numeric criteria.

Standard, criteria or guidance (SCG) is the New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.

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

J- The analyte was positively identified-the associated numerical value is the approximate concentration of the analyte in the sample.

- The standard, criteria or guidance value is below the the detection limit.

- The Reported concentration exceeds the standard, crieteria or guidance value.

Table 2c.
Surface Water Sampling Results
SW-3
Town of Dewitt Landfill
2023

LOCATION			SW-3		SW-3	
SAMPLING DATE			5/15/2023		12/7/2023	
	SCG	Units	Results	Qual	Results	Qual
General Chemistry						
Solids, Total Dissolved		ug/l	470000		460000	
Total Metals						
Antimony, Total	3	ug/l	15.1	J	8	U
Arsenic, Total	25	ug/l	24.9		17.93	
Beryllium, Total	3	ug/l	10	U	1	U
Cadmium, Total	5	ug/l	7.8	J	0.13	J
Chromium, Total	50	ug/l	20	U	2.44	
Copper, Total	200	ug/l	90.5		9.64	
Lead, Total	25	ug/l	40	U	7.43	J
Mercury, Total	0.7	ug/l	0.4	U	0.14	J
Nickel, Total	100	ug/l	115		21.96	
Selenium, Total	10	ug/l	20	U	10	U
Silver, Total	50	ug/l	14	U	0.8	U
Thallium, Total	0.5	ug/l	40	U	10	U
Zinc, Total	2000	ug/l	751		110.6	
Volatile Organics by GC/MS						
1,1,1-Trichloroethane	5	ug/l	4	U	4	U
1,1,2,2-Tetrachloroethane	5	ug/l	2	U	2	U
1,1,2-Trichloroethane	1	ug/l	3	U	3	U
1,1-Dichloroethane	5	ug/l	3	U	3	U
1,1-Dichloroethene	5	ug/l	2	U	2	U
1,2-Dichlorobenzene	3	ug/l	10	U	10	U
1,2-Dichloroethane	0.6	ug/l	3	U	3	U
1,2-Dichloropropane	1	ug/l	7	U	7	U
1,3-Dichlorobenzene	3	ug/l	10	U	10	U
1,4-Dichlorobenzene	3	ug/l	10	U	10	U
2-Butanone	50	ug/l	20	U	20	U
2-Chloroethylvinyl ether		ug/l	20	U	20	U
2-Hexanone	50	ug/l	20	U	20	U
4-Methyl-2-pentanone		ug/l	20	U	20	U
Acetone	50	ug/l	20	U	5.2	J
Acrolein	5	ug/l	16	U	16	U
Acrylonitrile	5	ug/l	20	U	20	U
Benzene	1	ug/l	2	U	2	U
Bromodichloromethane	50	ug/l	2	U	2	U
Bromoform	50	ug/l	2	U	2	U
Bromomethane	5	ug/l	10	U	10	U
Carbon disulfide	60	ug/l	10	U	10	U
Carbon tetrachloride	5	ug/l	2	U	2	U
Chlorobenzene	5	ug/l	7	U	7	U
Chloroethane	5	ug/l	4	U	4	U
Chloroform	7	ug/l	2	U	2	U
Chloromethane		ug/l	10	U	10	U
cis-1,2-Dichloroethene	5	ug/l	2	U	2	U
cis-1,3-Dichloropropene	0.4	ug/l	3	U	3	U
Dibromochloromethane	50	ug/l	2	U	2	U
Dibromomethane	5	ug/l	2	U	2	U
Ethylbenzene	5	ug/l	2	U	2	U
Methylene chloride	5	ug/l	2	U	2	U
o-xylene	5	ug/l	2	U	2	U
p/m-Xylene	5	ug/l	4	U	4	U
Styrene	5	ug/l	2	U	2	U
Tetrachloroethene	5	ug/l	2	U	2	U
Toluene	5	ug/l	2	U	2	U
trans-1,2-Dichloroethene	5	ug/l	3	U	3	U
trans-1,3-Dichloropropene	0.4	ug/l	3	U	3	U
Trichloroethene	5	ug/l	2	U	2	U
Trichlorofluoromethane	5	ug/l	10	U	10	U
Vinyl acetate		ug/l	20	U	20	U
Vinyl chloride	2	ug/l	2	U	2	U
Xylenes, Total		ug/l	2	U	2	U

* Comparison is not performed on parameters with non-numeric criteria.

Standard, criteria or guidance (SCG) is the New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.

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

J- The analyte was positively identified-the associated numerical value is the approximate concentration of the analyte in the sample.

- The standard, criteria or guidance value is below the the detection limit.

- The Reported concentration exceeds the standard, crieteria or guidance value.

Table 3a.
Groundwater Sampling Results
Shallow Monitoring Wells
Town of Dewitt Landfill
2024

LOCATION			MW-1S	MW-2S	MW-3S	MW-4S	MW-5S	MW-6S	MW-7S	MW-8S	MW-9S	MW-10S	MW-12S
SAMPLING DATE			11/7/2024	11/7/2024	11/7/2024	11/7/2024	11/7/2024	11/7/2024	11/7/2024	11/7/2024	11/7/2024	11/7/2024	11/7/2024
	SCG	Units	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
1.4 Dioxane by 8270E-SIM													
1,4-Dioxane	0.35	ug/l	0.134 U	0.134 U	2.58	19.2	12.6	25.2	0.139 U	2.2	64	0.137 J	0.139 U
General Chemistry													
Solids, Total Dissolved		ug/l	1500000	1600000	2200000	2900000	2200000	1400000	1300000	1200000	1200000	1400000	1200000
Total Metals													
Antimony, Total	3	ug/l	0.55 J	4 U	4 U	4 U	0.52 J	4 U	4 U	4 U	4 U	4 U	4 U
Arsenic, Total	25	ug/l	4.46	1.19	83.72	2.13	3.8	14.04	0.24 J	6.79	41.19	1.37	1.16
Beryllium, Total	3	ug/l	0.2 J	0.5 U	1.67	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cadmium, Total	5	ug/l	0.17 J	0.2 U	0.22	0.2 U	0.2 U	0.07 J	0.2 U	0.2 U	0.2 U	0.1 J	0.09 J
Chromium, Total	50	ug/l	9.3	0.69 J	18.72	0.47 J	0.78 J	0.58 J	5.67	0.31 J	0.25 J	4.83	13.86
Copper, Total	200	ug/l	27.27	0.68 J	22.85	0.64 J	2.39	2.44	3.25	0.78 J	2.28	7.53	4.88
Lead, Total	25	ug/l	6.95	1 U	46.74	1 U	1	1.64	1	0.7 J	1.69	15.03	5.69
Mercury, Total	0.7	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel, Total	100	ug/l	16.93	0.81 J	30.04	1.69 J	2.29	3.05	1.15 J	0.89 J	17.05	2.92	8.26
Selenium, Total	10	ug/l	5 U	5 U	3.85 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Silver, Total	50	ug/l	0.4 U	0.4 U	0.17 J	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Thallium, Total	0.5	ug/l	0.17 J	1 U	1.62	1 U	1 U	1 U	1 U	1 U	0.94 J	1 U	1 U
Zinc, Total	2000	ug/l	38.76	10 U	77.45	10 U	16.91	12.37	9.91 J	8.74 J	59.15	103	157.4
Volatile Organics by GC/MS													
1,1,1-Trichloroethane	5	ug/l	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,1,2,2-Tetrachloroethane	5	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	ug/l	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,1-Dichloroethane	5	ug/l	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,1-Dichloroethene	5	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	3	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	0.6	ug/l	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,2-Dichloropropane	1	ug/l	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
1,3-Dichlorobenzene	3	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	3	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	50	ug/l	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloroethylvinyl ether		ug/l	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	50	ug/l	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone		ug/l	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	0.52 J	10 U
Acetone	50	ug/l	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	8.4 J
Acrolein	5	ug/l	8 U	8 U	8 U	8 U	8 U	8 U	8 U	8 U	8 U	8 U	8 U
Acrylonitrile	5	ug/l	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	60	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	5	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5	ug/l	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
Chloroethane	5	ug/l	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Chloroform	7	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane		ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	5	ug/l	1 U	1 U	1 U	76	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4	ug/l	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
Dibromochloromethane	50	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	5	ug/l	0.25 J	0.25 J	0.26 J	0.25 J	0.25 J	0.28 J	0.28 J	0.25 J	0.26 J	0.27 J	0.23 J
Ethylbenzene	5	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
o-xylene	5	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p/m-Xylene	5	ug/l	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Styrene	5	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5	ug/l	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
trans-1,3-Dichloropropene	0.4	ug/l	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
Trichloroethene	5	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	5	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl acetate		ug/l	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl chloride	2	ug/l	1 U	1 U	1 U	3.9	1 U	1 U	1 U	54	58	1 U	1 U
Xylenes, Total		ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Standard, criteria or guidance (SCG) is the New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.

dry - sample ocation was dry. No sample collected.

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

J- The analyte was positively identified-the associated numerical value is the approximate concentration of the analyte in the sample.

- The standard, criteria or guidance value is below the the detection limit.

- The Reported concentration exceeds the standard, crieteria or guidance value.

Table 3b.
Groundwater Sampling Results
Deep Monitoring Wells
Town of Dewitt Landfill
2024

LOCATION			MW-2D		MW-4D		MW-5D		MW-8D		MW-9D		MW-9M	MW-11D	
SAMPLING DATE			11/7/2024		11/7/2024		11/7/2024		11/7/2024		11/7/2024		11/7/2024	11/7/2024	
	SCG	Units	Results		Results		Results		Results		Results		Results	Results	
1,4 Dioxane by 8270E-SIM															
1,4-Dioxane	0.35	ug/l	0.139	U	22.1		2.76		0.339		28.1		NS	0.139	U
General Chemistry															
Solids, Total Dissolved		ug/l	2200000		2900000		3200000		2200000		220000000		NS	1100000	
Total Metals															
Antimony, Total	3	ug/l	2.12	J	4	U	4	U	4	U	80	U	NS	4	U
Arsenic, Total	25	ug/l	0.27	J	1.6		13.38		12.1		11.28	J	NS	13.94	
Beryllium, Total	3	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	10	U	NS	1.18	
Cadmium, Total	5	ug/l	0.06	J	0.2	U	0.2	U	0.2	U	1.32	J	NS	0.17	J
Chromium, Total	50	ug/l	33.5		0.61	J	0.75	J	0.2	J	570.4		NS	2417	
Copper, Total	200	ug/l	3.59		2.92		1.18		1.51		36.15		NS	62.34	
Lead, Total	25	ug/l	3.36		0.91	J	0.87	J	0.97	J	20	U	NS	70.7	
Mercury, Total	0.7	ug/l	0.2	U	0.2	U	0.2	U	0.2	U	1	U	NS	0.31	
Nickel, Total	100	ug/l	18.04		2.37		1.73	J	2	U	901.4		NS	792.3	
Selenium, Total	10	ug/l	5	U	5	U	5	U	5	U	100	U	NS	19.7	
Silver, Total	50	ug/l	0.4	U	0.4	U	0.4	U	0.4	U	8	U	NS	0.29	J
Thallium, Total	0.5	ug/l	1	U	1	U	1	U	1	U	20	U	NS	0.55	J
Zinc, Total	2000	ug/l	38.36		11.55		12.77		14.53		88.57	J	NS	183.2	
Volatile Organics by GC/MS															
1,1,1-Trichloroethane	5	ug/l	2	U	2	U	2	U	2	U	2	U	NS	2	U
1,1,2,2-Tetrachloroethane	5	ug/l	1	U	1	U	1	U	1	U	1	U	NS	1	U
1,1,2-Trichloroethane	1	ug/l	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	NS	1.5	U
1,1-Dichloroethane	5	ug/l	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	NS	1.5	U
1,1-Dichloroethene	5	ug/l	1	U	1	U	1	U	1	U	1	U	NS	1	U
1,2-Dichlorobenzene	3	ug/l	5	U	5	U	5	U	5	U	5	U	NS	5	U
1,2-Dichloroethane	0.6	ug/l	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	NS	1.5	U
1,2-Dichloropropane	1	ug/l	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	NS	3.5	U
1,3-Dichlorobenzene	3	ug/l	5	U	5	U	5	U	5	U	5	U	NS	5	U
1,4-Dichlorobenzene	3	ug/l	5	U	5	U	5	U	5	U	5	U	NS	5	U
2-Butanone	50	ug/l	10	U	10	U	10	U	10	U	5.1	J	NS	10	U
2-Chloroethylvinyl ether		ug/l	10	U	10	U	10	U	10	U	10	U	NS	10	U
2-Hexanone	50	ug/l	10	U	10	U	10	U	10	U	10	U	NS	10	U
4-Methyl-2-pentanone		ug/l	10	U	10	U	10	U	10	U	10	U	NS	10	U
Acetone	50	ug/l	10	U	10	U	10	U	10	U	80		NS	10	U
Acrolein	5	ug/l	8	U	8	U	8	U	8	U	8	U	NS	8	U
Acrylonitrile	5	ug/l	10	U	10	U	10	U	10	U	10	U	NS	10	U
Benzene	1	ug/l	1	U	1	U	1	U	1	U	1	U	NS	1	U
Bromodichloromethane	50	ug/l	1	U	1	U	1	U	1	U	1	U	NS	1	U
Bromoform	50	ug/l	1	U	1	U	1	U	1	U	1	U	NS	1	U
Bromomethane	5	ug/l	5	U	5	U	5	U	5	U	5	U	NS	5	U
Carbon disulfide	60	ug/l	5	U	5	U	5	U	5	U	5	U	NS	5	U
Carbon tetrachloride	5	ug/l	1	U	1	U	1	U	1	U	1	U	NS	1	U
Chlorobenzene	5	ug/l	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	NS	3.5	U
Chloroethane	5	ug/l	2	U	2	U	2	U	2	U	2	U	NS	2	U
Chloroform	7	ug/l	1	U	1	U	1	U	1	U	1	U	NS	1	U
Chloromethane		ug/l	5	U	5	U	5	U	5	U	5	U	NS	5	U
cis-1,2-Dichloroethene	5	ug/l	1	U	150		2.6		1	U	1	U	NS	1	U
cis-1,3-Dichloropropene	0.4	ug/l	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	NS	1.5	U
Dibromochloromethane	50	ug/l	1	U	1	U	1	U	1	U	1	U	NS	1	U
Dibromomethane	5	ug/l	0.28	J	0.25	J	0.25	J	1	U	1	U	NS	0.3	J
Ethylbenzene	5	ug/l	1	U	1	U	1	U	1	U	1	U	NS	1	U
Methylene chloride	5	ug/l	1	U	1	U	1	U	1	U	1	U	NS	1	U
o-xylene	5	ug/l	1	U	1	U	1	U	1	U	1	U	NS	1	U
p/m-Xylene	5	ug/l	2	U	2	U	2	U	2	U	2	U	NS	2	U
Styrene	5	ug/l	1	U	1	U	1	U	1	U	1	U	NS	1	U
Tetrachloroethene	5	ug/l	1	U	1	U	1	U	1	U	1	U	NS	1	U
Toluene	5	ug/l	1	U	1	U	1	U	1	U	1	U	NS	1	U
trans-1,2-Dichloroethene	5	ug/l	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	NS	1.5	U
trans-1,3-Dichloropropene	0.4	ug/l	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	NS	1.5	U
Trichloroethene	5	ug/l	1	U	19		1	U	1	U	1	U	NS	1	U
Trichlorofluoromethane	5	ug/l	5	U	5	U	5	U	5	U	5	U	NS	5	U
Vinyl acetate		ug/l	10	U	10	U	10	U	10	U	10	U	NS	10	U
Vinyl chloride	2	ug/l	1	U	4.8		1	U	1	U	1	U	NS	1	U
Xylenes, Total		ug/l	1	U	1	U	1	U	1	U	1	U	NS	1	U

Standard, criteria or guidance (SCG) is the New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.

dry - sample ocation was dry. No sample collected.

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

J- The analyte was positively identified-the associated numerical value is the approximate concentration of the analyte in the sample.

- The standard, criteria or guidance value is below the the detection limit.

- The Reported concentration exceeds the standard, crieteria or guidance value.

NS - Not sampled

Table 4.

Gas Vent Sampling Results

Town of Dewitt Landfill

2024

LOCATION					V-9		V-10		V-11	
SAMPLING DATE					11/11/2024		11/11/2024		11/11/2024	
	NY-SSC-A	NY-SSC-B	NY-SSC-C	Units	Results		Results		Results	
Volatile Organics in Air										
1,1,1-Trichloroethane		100		ug/m3	22.7	U	28.5	U	37.8	U
1,1,2,2-Tetrachloroethane				ug/m3	28.6	U	35.9	U	47.6	U
1,1,2-Trichloroethane				ug/m3	22.7	U	28.5	U	37.8	U
1,1-Dichloroethane				ug/m3	16.8	U	21.2	U	28	U
1,1-Dichloroethene	6			ug/m3	16.5	U	39.2		27.5	U
1,2,4-Trichlorobenzene				ug/m3	30.9	U	38.8	U	51.4	U
1,2,4-Trimethylbenzene				ug/m3	71.3		108		208	
1,2-Dibromoethane				ug/m3	32	U	40.2	U	53.3	U
1,2-Dichlorobenzene				ug/m3	25	U	31.4	U	41.7	U
1,2-Dichloroethane				ug/m3	16.8	U	21.2	U	28	U
1,2-Dichloropropane				ug/m3	19.2	U	24.2	U	32	U
1,3,5-Trimethylbenzene				ug/m3	70.8		121		319	
1,3-Butadiene				ug/m3	9.2	U	11.6	U	15.3	U
1,3-Dichlorobenzene				ug/m3	25	U	31.4	U	41.7	U
1,4-Dichlorobenzene				ug/m3	42.6		160		263	
1,4-Dioxane				ug/m3	15	U	18.8	U	25	U
2,2,4-Trimethylpentane				ug/m3	1560		1820		2950	
2-Butanone				ug/m3	30.7	U	104		51	U
2-Hexanone				ug/m3	17	U	21.4	U	28.4	U
3-Chloropropene				ug/m3	13	U	16.4	U	21.7	U
4-Ethyltoluene				ug/m3	20.5	U	25.7	U	34.1	U
4-Methyl-2-pentanone				ug/m3	48.4		53.7	U	70.9	U
Acetone				ug/m3	49.4	U	62.2	U	82.2	U
Benzene				ug/m3	253		298		383	
Benzyl chloride				ug/m3	21.5	U	27.1	U	35.9	U
Bromodichloromethane				ug/m3	27.9	U	35	U	46.4	U
Bromoform				ug/m3	43	U	54.1	U	71.7	U
Bromomethane				ug/m3	16.2	U	20.3	U	26.9	U
Carbon disulfide				ug/m3	74.7		26.2		85.9	
Carbon tetrachloride	6			ug/m3	26.2	U	32.9	U	43.6	U
Chlorobenzene				ug/m3	539		613		893	
Chloroethane				ug/m3	311		128		180	
Chloroform				ug/m3	20.3	U	25.5	U	33.8	U
Chloromethane				ug/m3	17.7		29.7		15	
cis-1,2-Dichloroethene	6			ug/m3	16.5	U	59.1		27.5	U
cis-1,3-Dichloropropene				ug/m3	18.9	U	23.7	U	31.5	U
Cyclohexane				ug/m3	1620		1270		1520	
Dibromochloromethane				ug/m3	35.4	U	44.6	U	59	U
Dichlorodifluoromethane				ug/m3	409		569		383	
Ethanol				ug/m3	196	U	247	U	326	U
Ethyl Acetate				ug/m3	37.5	U	47.2	U	62.3	U
Ethylbenzene				ug/m3	721		1310		1720	
Freon-113				ug/m3	31.9	U	40.1	U	53.1	U
Freon-114				ug/m3	326		196		256	
Heptane				ug/m3	2330		2770		3770	
Hexachlorobutadiene				ug/m3	44.4	U	55.8	U	73.9	U
Isopropanol				ug/m3	39.1		62.2		46.9	
Methyl tert butyl ether				ug/m3	15	U	18.9	U	25	U
Methylene chloride		100		ug/m3	36.1	U	45.5	U	60.1	U
n-Hexane				ug/m3	4410		5290		7510	
Naphthalene				ug/m3	21.8	U	27.4	U	36.3	U
o-Xylene				ug/m3	79.9		202		233	
p/m-Xylene				ug/m3	161		517		447	
Styrene				ug/m3	17.7	U	22.3	U	29.5	U
Tertiary butyl Alcohol				ug/m3	31.5	U	39.7	U	52.4	U
Tetrachloroethene		100		ug/m3	28.2	U	48.4		47	U
Tetrahydrofuran				ug/m3	67.5		1870		293	
Toluene				ug/m3	70.5		169		129	
trans-1,2-Dichloroethene				ug/m3	16.5	U	20.7	U	27.5	U
trans-1,3-Dichloropropene				ug/m3	18.9	U	23.7	U	31.5	U
Trichloroethene	6			ug/m3	22.4	U	28.1	U	37.2	U
Trichlorofluoromethane				ug/m3	596		568		590	
Vinyl bromide				ug/m3	18.2	U	22.9	U	30.3	U
Vinyl chloride			6	ug/m3	104		228		65.4	

NY-SSC-A: New York DOH Matrix A Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.

NY-SSC-B: New York DOH Matrix B Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.

NY-SSC-C: New York DOH Matrix C Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.

- The standard, criteria or guidance value is below the the detection limit.

- The Reported concentration exceeds the standard, crieteria or guidance

Table A-1.

Dewitt Landfill

Sample Collection Matrix and Parameters Schedule

Quarter	2020	2021	2022	2023	2024	2025
Jan - Mar	**SW - 3 samples** *GW - Not Required* *Gas - Not Required*	**SW - 3 samples** *GW - Not Required* *Gas - Not Required*	**SW - 3 samples** *GW - Not Required* *Gas - Not Required*	**SW - 3 samples** *GW - Not Required* *Gas - Not Required*	**SW - 3 samples** *GW - Not Required* *Gas - Not Required*	**SW - 3 samples** *GW - Not Required* *Gas - Not Required*
Apr-Jun	**SW - 3 samples** *GW - Not Required* *Gas - Not Required*	**SW - 3 samples** *GW - Not Required* *Gas - Not Required*	**SW - 3 samples** **GW - 18 samples** **Gas - 6 field screen, 3 samples**	**SW - 3 samples** *GW - Not Required* *Gas - Not Required*	**SW - 3 samples** *GW - Not Required* *Gas - Not Required*	**SW - 3 samples** **GW - 18 samples + 1,4 dioxane** **Gas - 6 field screen, 3 samples**
Jul-Sep	**SW - 3 samples** **GW - 18 samples** **Gas - 6 field screen, 3 samples**	**SW - 3 samples** *GW - Not Required* *Gas - Not Required*	**SW - 3 samples** *GW - Not Required* *Gas - Not Required*	**SW - 3 samples** **GW - 18 samples + 1,4 dioxane** **Gas - 6 field screen, 3 samples**	**SW - 3 samples** *GW - Not Required* *Gas - Not Required*	**SW - 3 samples** *GW - Not Required* *Gas - Not Required*
Oct-Dec	**SW - 3 samples** *GW - Not Required* *Gas - Not Required*	**SW - 3 samples** **GW - 18 samples** **Gas - 6 field screen, 3 samples**	**SW - 3 samples** *GW - Not Required* *Gas - Not Required*	**SW - 3 samples** *GW - Not Required* *Gas - Not Required*	**SW - 3 samples** **GW - 18 samples + 1,4 dioxane** **Gas - 6 field screen, 3 samples**	**SW - 3 samples** *GW - Not Required* *Gas - Not Required*

SW = Surface Water: 4 quarters per year, 3 locations, VOCs, metals, TDS

GW = Groundwater: 1 quarter per year, 18 locations, VOCs, metals, TDS, +1,4-dioxane beginning third quarter 2023

Gas = Gas vent: 1 quarter per year, 6 locations field test, 3 locations TO-15

Revised 6/8/2023

APPENDICES

Appendix A
Post Closure Activities

Sampling Schedule

Inspection and Maintenance Checklist

Town of Dewitt Landfill
Inspection and Maintenance Checklist

Date: 3/14/24

Inspector(s): G. Gould

Weather: M. Sunny 55°F

Landfill Component	Photos	Observations/Comments
A. Security and Access		
1. Gate(s) secure and locked		yes
2. Fencing in good repair (no burrows, holes, or bent posts and rails).		yes
B. Access Road(s)		
1. Crushed stone or blacktop in tact		yes
2. No ruts or washouts		yes
C. Landfill Cap		
1. Mowing status		grass cut last fall, matted and dormant now
2. Erosion observations		none
3. Settling, flat spots or depressions		a few depressions with water puddles
4. Stressed vegetation, bare spots		dormant grass
5. Deep rooted, woody growth		none - down chutes and rip-rap are clear
D. Gas venting and/or collection		
1. Vents upright and undamaged		yes
2. Unobstructed openings		yes
3. Settlement and/or boot integrity		slight settling on solar panel areas

Town of Dewitt Landfill
Inspection and Maintenance Checklist

Date 3/14/24

E. Surface Water Control		
1. Swales, ditches and down chutes unobstructed		yes
2. Culverts open and clear		yes - rip-rap has partially obstructed culvert pipe on S side
3. Catch basins and manholes		n/a
F. Monitoring Locations		
1. Monitoring Wells locked, labeled and in tact		all wells are outside l.f. perimeter they are accessible and in tact
2. Surface water and/or leachate locations identifiable and accessible.		yes

General Observations:

Overall conditions are good. I cleared some fallen branches off of the access road. There are several small areas of standing water at gas vent depressions and adjacent to the perimeter access road. These wet spots are typical and will dry up when the grass begins to grow. The cap is in good shape.

Signed: Gerald Gulp

Corrective Actions

Inspection Area No.	Solution	Person responsible
	none required	

Appendix B
Photographic Log

Photographic Log

Photo 1. Fisher Road access gate facing south – March 2024.

Photo 2. Sothern access road facing ESE at perimeter fence and Erie Canal. – March 2024

Photo 3. Typical Gas vent. – March 2024.

Photo 4. Temporary wet spot from spring rains and snowmelt, viewing northeast toward solar panels. March 2024.

Photo 5. Healthy dormant grass, viewing NW from perimeter access road. – March 2024.

Photo 6. Down chute on NW corner of landfill is open and clear. – March 2024.

Photo 7. Monitoring Well MW-6S near North gate. March 2024.

Photo 8. Viewing north at top of landfill and front side of solar array. – March 2024.

Appendix C
Field Data Sheets

FIELD OBSERVATIONS

Client: Town of Dewitt **Sample Point ID:** SW-1

Facility: Town of Dewitt LDF **Sample Matrix:** GSW

Field Personnel: KN/NK

SAMPLING INFORMATION:

Date/Time: 11/7/24 (Circle One)

Sampling Method: Dip Cup **Dedicated:** **YES** **NO**

Diameter of Well: _____

Well Depth (from top of PVC): _____

Water Depth (from top of PVC): _____

Length of Water Column (LWC): _____

Diameter	Multiply by
1"	0.041
2"	0.163
3"	0.367
4"	0.653
6"	1.468
8"	2.61

Purge Volume: LWC x (↑) x 3= _____ Volume Purged: _____

See Multiplier to input based on Well Diameter

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Cond. (Umhos/cm)	Turbidity (NTU)	ORP (Mv)	DO (mg/L)
1400	9.3	7.35	822	1189.[illegible]	-71.3	6.66

Weather conditions at time of sampling: _____

COMMENTS & OBSERVATIONS: _____

Date: 11-7-25 **Signature:** [signature] **Company:** Pace

FIELD OBSERVATIONS

Client: Town of Dewitt

Sample Point ID: SW-2

Facility: Town of Dewitt LDF

Sample Matrix:

Field Personnel: NK / KN

SAMPLING INFORMATION:

Date/Time: 11/7/24

Sampling Method: Dip Cup

(Circle One)

Dedicated: YES NO

Diameter of Well:

Well Depth (from top of PVC):

Water Depth (from top of PVC):

Length of Water Column (LWC):

Diameter	Multiply by
1"	0.041
2"	0.163
3"	0.367
4"	0.653
6"	1.468
8"	2.61

Purge Volume: LWC x (↑) x 3=

Volume Purged:

See Multiplier to input based on Well Diameter

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Cond. (Umhos/cm)	Turbidity (NTU)	ORP (Mv)	DO (mg/L)
1412	10.6	7.25	890	224.31	-52.3	4.71

Weather conditions at time of sampling:

COMMENTS & OBSERVATIONS:

Date: 11/7/24 **Signature:** [signature] **Company:** Law

FIELD OBSERVATIONS

Client: Town of Dewitt **Sample Point ID:** SW-3

Facility: Town of Dewitt LDF **Sample Matrix:** SW

Field Personnel: KN/NK

SAMPLING INFORMATION:

Date/Time: 11/7/24 (Circle One)

Sampling Method: Dip Cup **Dedicated:** YES NO

Diameter of Well: _____

Well Depth (from top of PVC): _____

Water Depth (from top of PVC): _____

Length of Water Column (LWC): _____

Diameter	Multiply by
1"	0.041
2"	0.163
3"	0.367
4"	0.653
6"	1.468
8"	2.61

Purge Volume: LWC x (↑) x 3= _____ Volume Purged: _____

See Multiplier to input based on Well Diameter

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Cond. (Umhos/cm)	Turbidity (NTU)	ORP (Mv)	DO (mg/L)
1350	9.5	7.15	1063	112260	-71.5	4.44

Weather conditions at time of sampling: _____

COMMENTS & OBSERVATIONS: Appears very dark w/ earthy odor

Date: 11-7-25 **Signature:** [signature] **Company:** Pace

FIELD OBSERVATIONS

Client: Town of Dewitt **Date:** 11/11/24

Facility: Town of Dewitt Landfill **Field Personnel:** _____

Time	Location	%CH4	%CG(LEL)	%CO2	%O2	H2S(ppm)	CO(ppm)	ATM. Pres("Hg)	VEL ft/min
1327	Upwind	0.0	76.1	0.1	23.8	0	0	29.07	
1323	V-9	0.1	76.1	0.2	23.7	0	0	29.07	
1328	V-10	22.0	45.6	28.9	2.5	2	0	29.07	
1334	V-11	23.2	42.1	34.0	0.5	4	0	29.07	
1337	V-12	20.7	44.5	29.1	6.6	3	3	29.07	
1339	V-18	23.5	40.0	33.9	2.0	2	3	29.07	
1341	V-3	23.4	42.3	30.8	3.5	2	4	29.07	
1342	Downwind	6.7	73.0	1.8	23.7	0	4	29.07	

Notes: _____

Monitoring Equipment: GEM 5000

GRB 0087 22.45
GRB 0103 6.15
GRB 0016 16.92

GRB 0023 ~~9.16~~ 11.8
1331
Dup V-10

FIELD OBSERVATIONS

Client: Town of Ma Dewitt **Sample Point ID:** MW-15

Facility: Town of Dewitt Landfill **Sample Matrix:** GW

Field Personnel: CK

SAMPLING INFORMATION:

Date/Time: 11/7/24

Sampling Method: Bailer **Dedicated:** (YES) NO (Circle One)

Diameter of Well: 2"

Well Depth (from top of PVC): 21.07

Water Depth (from top of PVC): 13.47

Length of Water Column (LWC): 7.60

Diameter	Multiply by
1"	0.041
2"	0.163
3"	0.367
4"	0.653
6"	1.468
8"	2.61

Purge Volume: LWC x (.163) x 3= 3.65 **Volume Purged:** 3.75

↑

See Multiplier to input based on Well Diameter

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Cond. (Umhos/cm)	Turbidity (NTU)	ORP (Mv)	DO (mg/L)
1400	11.9	7.30	2422	301.19	104.9	6.19

Weather conditions at time of sampling: Sunny, breezy

COMMENTS & OBSERVATIONS:

Date: 11/7/24 **Signature:** [signature] **Company:** PACE

FIELD OBSERVATIONS

Client: Town of Meredith **Sample Point ID:** MW-2D

Facility: Town of Meredith LDF **Sample Matrix:** GW

Field Personnel: KN, NK

SAMPLING INFORMATION:

Date/Time: 11-7-24 S:1303 E:1340

Sampling Method: Bailer **Dedicated:** (Circle One) YES NO

Diameter of Well: 2.0"

Well Depth (from top of PVC): 52'

Water Depth (from top of PVC): 11.35

Length of Water Column (LWC): 40.65

Diameter	Multiply by
1"	0.041
2"	0.163
3"	0.367
4"	0.653
6"	1.468
8"	2.61

Purge Volume: LWC x (0.163) x 3= 19.9 **Volume Purged:** ~20

↑

See Multiplier to input based on Well Diameter

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Cond. (Umhos/cm)	Turbidity (NTU)	ORP (Mv)	DO (mg/L)
1341	15.3	7.12	2515	11.16	-126.5	6.37

Weather conditions at time of sampling: Partly Cloudy

COMMENTS & OBSERVATIONS: Clear aqueous sample w/ earthy odor

Date: 11/7/24 **Signature:** [signature] **Company:** PQC

FIELD OBSERVATIONS

Client: Town of Dewitt **Sample Point ID:** MW-25

Facility: Town of Dewitt Landfill **Sample Matrix:** GW

Field Personnel: NK

SAMPLING INFORMATION:

Date/Time: 11/7/24 St: 1304 Ed: 1329

Sampling Method: Bailer **Dedicated:** (YES) NO (Circle One)

Diameter of Well: 2"

Well Depth (from top of PVC): 35.5'

Water Depth (from top of PVC): ~~11.35~~ 12.76

Length of Water Column (LWC): 22.74

Purge Volume: LWC x (0.16) x 3= 10.92 **Volume Purged:** ~11

↑
See Multiplier to input based on Well Diameter

Diameter	Multiply by
1"	0.041
2"	0.163
3"	0.367
4"	0.653
6"	1.468
8"	2.61

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Cond. (Umhos/cm)	Turbidity (NTU)	ORP (Mv)	DO (mg/L)
1329	14.6	7.16	2131	11.70	33.6	6.11

Weather conditions at time of sampling: Partly cloudy

COMMENTS & OBSERVATIONS: Sample is clear, no odor, small debris in sample

Date: 11/7/24 **Signature:** [signature] **Company:** P&G

FIELD OBSERVATIONS

Client: Town of Dewitt

Sample Point ID: MW-35

Facility: Town of Dewitt Landfill

Sample Matrix: GW

Field Personnel: AF

SAMPLING INFORMATION:

Date/Time: 11/7/24

Sampling Method: Bailer

Dedicated: (YES) NO (Circle One)

Diameter of Well: 2"

Well Depth (from top of PVC): 36.50

Water Depth (from top of PVC): 2.35

Length of Water Column (LWC): 34.15

Purge Volume: LWC x (.163) x 3= 16.7

↑

See Multiplier to input based on Well Diameter

Diameter	Multiply by
1"	0.041
2"	0.163
3"	0.367
4"	0.653
6"	1.468
8"	2.61

Volume Purged: 17

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Cond. (Umhos/cm)	Turbidity (NTU)	ORP (Mv)	DO (mg/L)
1430	10.5	7.04	2733	763.13	-26.0	5.65

Weather conditions at time of sampling: Breezy, Sunny

COMMENTS & OBSERVATIONS: Orange tint and earthy scent

Date: 11/7/24 **Signature:** [signature] **Company:** PACE

35.3

FIELD OBSERVATIONS

Client: Town of Dewitt

Sample Point ID: MW-4D

Facility: Town of Dewitt LDF

Sample Matrix: GW

Field Personnel: KN/NK

SAMPLING INFORMATION:

Date/Time: 11-7-24 S 0955 E 1014

(Circle One)

Sampling Method: Bailer

Dedicated: (YES) NO

Diameter of Well: 2"

Well Depth (from top of PVC): 35.3'

Water Depth (from top of PVC): 1.51'

Length of Water Column (LWC): 33.79

Purge Volume: LWC x (0.163) x 3= 16.22

↑

See Multiplier to input based on Well Diameter

Diameter	Multiply by
1"	0.041
2"	0.163
3"	0.367
4"	0.653
6"	1.468
8"	2.61

Volume Purged: ~16.5

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Cond. (Umhos/cm)	Turbidity (NTU)	ORP (Mv)	DO (mg/L)
1014	12.3	6.83	2028	3.11	68.4	9.11

Weather conditions at time of sampling: Overcast

COMMENTS & OBSERVATIONS: 0955 Purge 1014

Water level 1.59 after purge

Mice in well

Clear aqueous sample with no odor

Date: 11-7-24 **Signature:** [signature] **Company:** Pace

FIELD OBSERVATIONS

Client: Town of Dewitt

Sample Point ID: MW-4S

Facility: Town of Dewitt Landfill

Sample Matrix: GW

Field Personnel: NK, KN

SAMPLING INFORMATION:

Date/Time: 11/7/24 S: 0955 E: 1017

Sampling Method: Bailer

Dedicated: (YES) NO (Circle One)

Diameter of Well: 2"

Well Depth (from top of PVC): 19.85

Water Depth (from top of PVC): 2.04

Length of Water Column (LWC): 17.81

Purge Volume: LWC x (0.16) x 3= 8.55

↑ See Multiplier to input based on Well Diameter

Diameter	Multiply by
1"	0.041
2"	0.163
3"	0.367
4"	0.653
6"	1.468
8"	2.61

Volume Purged: ~8.6

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Cond. (Umhos/cm)	Turbidity (NTU)	ORP (Mv)	DO (mg/L)
1018	11.3	6.85	2131	7.01	34.4	8.32

Weather conditions at time of sampling: Overcast

COMMENTS & OBSERVATIONS: sample cloudy, no odor

Date: 11/7/24 **Signature:** [signature] **Company:** P&P

FIELD OBSERVATIONS

Client: Town of Dewitt **Sample Point ID:** MW-5S

Facility: Dewitt landfill **Sample Matrix:** GW

Field Personnel: A. Fleischman

SAMPLING INFORMATION:

Date/Time: 11/7/24 1300 (Circle One)

Sampling Method: Bailer **Dedicated:** (YES) NO

Diameter of Well: 2"

Diameter	Multiply by
1"	0.041
2"	0.163
3"	0.367
4"	0.653
6"	1.468
8"	2.61

Well Depth (from top of PVC): 26.6

Water Depth (from top of PVC): 6.98

Length of Water Column (LWC): 19.62

Purge Volume: LWC x (↑) x 3= 9.60 **Volume Purged:** ~10 gals

See Multiplier to input based on Well Diameter

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Cond. (Umhos/cm)	Turbidity (NTU)	ORP (Mv)	DO (mg/L)
1330	12.0	7.04	2754	7.30	-19.9	7.24

Weather conditions at time of sampling: Clear

COMMENTS & OBSERVATIONS: Orange tint very turbid → Clear

Date: 11/7/24 **Signature:** [signature] **Company:** PACE

FIELD OBSERVATIONS

Client: Town of Dewitt **Sample Point ID:** MW-5D

Facility: Dewitt Landfill **Sample Matrix:** GW

Field Personnel: Amber Fleischman

SAMPLING INFORMATION:

Date/Time: 11/7/24 1338 (Circle One)

Sampling Method: Bailer **Dedicated:** (YES) NO

Diameter of Well: 2"

Well Depth (from top of PVC): 45.00

Water Depth (from top of PVC): 2.66

Length of Water Column (LWC): 42.34

Diameter	Multiply by
1"	0.041
2"	0.163
3"	0.367
4"	0.653
6"	1.468
8"	2.61

Purge Volume: LWC x (↑) x 3= 20.7 **Volume Purged:** ~ 21 gals

See Multiplier to input based on Well Diameter

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Cond. (Umhos/cm)	Turbidity (NTU)	ORP (Mv)	DO (mg/L)
~~1445~~ 1355	12.2	7.03	3442	3.55	-5.2	1.32

Weather conditions at time of sampling: Clear

COMMENTS & OBSERVATIONS: Orang tint → clear

Date: 11/7/24 **Signature:** [signature] **Company:** PACE

FIELD OBSERVATIONS

Client: Town of Dewitt

Sample Point ID: MW-6S

Facility: Town of Dewitt Landfill

Sample Matrix: GW

Field Personnel: CK

SAMPLING INFORMATION:

Date/Time: 11/7/24 1008

(Circle One)

Sampling Method: Bailer

Dedicated: (YES) NO

Diameter of Well: 2"

Well Depth (from top of PVC): 24.81

Water Depth (from top of PVC): 4.12

Length of Water Column (LWC): 20.69

Purge Volume: LWC x (.163) x 3= 10.12

↑

See Multiplier to input based on Well Diameter

Diameter	Multiply by
1"	0.041
2"	0.163
3"	0.367
4"	0.653
6"	1.468
8"	2.61

Volume Purged: 10 gal

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Cond. (Umhos/cm)	Turbidity (NTU)	ORP (Mv)	DO (mg/L)
1040	12.1	6.76	1466	6.15	-3.9	5.10

Weather conditions at time of sampling: Breezy, cloudy

COMMENTS & OBSERVATIONS:

Date: 11/7/24 Signature: [signature] Company: PACE

FIELD OBSERVATIONS

Client: TOwn of Dewitt **Sample Point ID:** MW-7S

Facility: Town of Dewitt Landfill **Sample Matrix:** GW

Field Personnel: NK, KN

SAMPLING INFORMATION:

Date/Time: 11/7/24 St: 1110 Ed: 1127 (Circle One)

Sampling Method: Bailer **Dedicated:** (YES) NO

Diameter of Well: 2"

Well Depth (from top of PVC): 22.35

Water Depth (from top of PVC): 14.72

Length of Water Column (LWC): 7.63

Purge Volume: LWC x (0.16) x 3= ~~1.22~~ 3.66

↑
See Multiplier to input based on Well Diameter

Diameter	Multiply by
1"	0.041
2"	0.163
3"	0.367
4"	0.653
6"	1.468
8"	2.61

Volume Purged: ~ 3.75

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Cond. (Umhos/cm)	Turbidity (NTU)	ORP (Mv)	DO (mg/L)
1127	15.7	7.22	1722	3.65	52.1	7.67

Weather conditions at time of sampling: Overcast

COMMENTS & OBSERVATIONS: Clear aqueous sample w/ no odor

Date: 11/7/24 **Signature:** [signature] **Company:** PQP

S 29.2
D 61

FIELD OBSERVATIONS

Client: Town of Dewitt **Sample Point ID:** MW-85

Facility: Town of Dewitt LDF **Sample Matrix:** GW

Field Personnel: KN, NK, CK

SAMPLING INFORMATION:

Date/Time: 11-7-24 S 1057 E 1115 **(Circle One)**

Sampling Method: Bailer **Dedicated:** YES NO

Diameter of Well: 2"

Well Depth (from top of PVC): 29.2'

Water Depth (from top of PVC): 0.3

Length of Water Column (LWC): 28.9'

Diameter	Multiply by
1"	0.041
2"	0.163
3"	0.367
4"	0.653
6"	1.468
8"	2.61

Purge Volume: LWC x (0.163) x 3= 14.1 **Volume Purged:** ~14 gal

↑
See Multiplier to input based on Well Diameter

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Cond. (Umhos/cm)	Turbidity (NTU)	ORP (Mv)	DO (mg/L)
1115	9.9	7.24	1671	6.08	-4.7	6.73

Weather conditions at time of sampling: Overcast

COMMENTS & OBSERVATIONS: 1057 Purged 1115 Water was rust colored at 1st, purged to clear

Well rusted, water level did not change

Clear aqueous sample w/ earthy odor

Sampled at 1115 on 11-7-24

Date: 11-7-24 **Signature:** [signature] **Company:** Pace

FIELD OBSERVATIONS

Client: Town of Dewitt **Sample Point ID:** MW-850

Facility: Town of Dewitt Landfill **Sample Matrix:** GW

Field Personnel: NK, KN

SAMPLING INFORMATION:

Date/Time: 11/7/24 St: 1059 Ed: 1134 (Circle One)

Sampling Method: Bailer **Dedicated:** (YES) NO

Diameter of Well: 2"

Well Depth (from top of PVC): 61.014

Water Depth (from top of PVC): 0.75

Length of Water Column (LWC): 60.39

Diameter	Multiply by
1"	0.041
2"	0.163
3"	0.367
4"	0.653
6"	1.468
8"	2.61

Purge Volume: LWC x (0.16) x 3= 28.99 **Volume Purged:** ~29

↑

See Multiplier to input based on Well Diameter

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Cond. (Umhos/cm)	Turbidity (NTU)	ORP (Mv)	DO (mg/L)
1135	9.6	7.08	2.001	-2.96	11.3	5.86

Weather conditions at time of sampling: Overcast

COMMENTS & OBSERVATIONS: Sample clear, No odor

rusty well casing

Date: 11/7/24 **Signature:** [signature] **Company:** Pace

FIELD OBSERVATIONS

Client: Town of Dewitt **Sample Point ID:** MW-9D

Facility: Town of Dewitt Landfill **Sample Matrix:** GW

Field Personnel: CK

SAMPLING INFORMATION:

Date/Time: 11/7/24 (Circle One)

Sampling Method: Bailer **Dedicated:** (YES) NO

Diameter of Well: 2"

Well Depth (from top of PVC): 55.35

Water Depth (from top of PVC): 40.17

Length of Water Column (LWC): 15.18

Diameter	Multiply by
1"	0.041
2"	0.163
3"	0.367
4"	0.653
6"	1.468
8"	2.61

Purge Volume: LWC x (.163) x 3= 7.4 **Volume Purged:** 8.0 gal

↑ See Multiplier to input based on Well Diameter

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Cond. (Umhos/cm)	Turbidity (NTU)	ORP (Mv)	DO (mg/L)
1200	10.8	6.60	8107	13.91	63.0	4.20

Weather conditions at time of sampling: Breezy, cloudy

COMMENTS & OBSERVATIONS:

Very stinky. Dead crickets suspended in water

Very rusty well casing

Date: 11/7/24 **Signature:** [signature] **Company:** PACE

FIELD OBSERVATIONS

Client: Town of Dewitt **Sample Point ID:** MW-95

Facility: Town of Dewitt Landfill **Sample Matrix:** GW

Field Personnel: CK

SAMPLING INFORMATION:

Date/Time: 11/7/24 (Circle One)

Sampling Method: Bailer **Dedicated:** (YES) NO

Diameter of Well: 2"

Diameter	Multiply by
1"	0.041
2"	0.163
3"	0.367
4"	0.653
6"	1.468
8"	2.61

Well Depth (from top of PVC): 37.42

Water Depth (from top of PVC): 2.10

Length of Water Column (LWC): 35.32

Purge Volume: LWC x (↑) x 3= 17.27 **Volume Purged:** 18.00 gal

See Multiplier to input based on Well Diameter

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Cond. (Umhos/cm)	Turbidity (NTU)	ORP (Mv)	DO (mg/L)
1130	11.7	6.84	1550	3.71	-19.9	7.01

Weather conditions at time of sampling: Windy, cloudy

COMMENTS & OBSERVATIONS: Mild odor, suspended particles

well casing needs to be replaced

Date: 11/7/24 **Signature:** [signature] **Company:** PACE

FIELD OBSERVATIONS

Client: Town of Dewitt **Sample Point ID:** MW-105

Facility: Town of Dewitt LDF **Sample Matrix:** GW

Field Personnel: KN, NK

SAMPLING INFORMATION:

Date/Time: 11-7-24 S 1413 E 1420

Sampling Method: Bailer **Dedicated:** (Circle One) YES NO

Diameter of Well: 2"

Well Depth (from top of PVC): 13.8

Water Depth (from top of PVC): 11.37

Length of Water Column (LWC): 2.43

Diameter	Multiply by
1"	0.041
2"	0.163
3"	0.367
4"	0.653
6"	1.468
8"	2.61

Purge Volume: LWC x (0.163) x 3= 1.19 **Volume Purged:** ~2

↑ See Multiplier to input based on Well Diameter

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Cond. (Umhos/cm)	Turbidity (NTU)	ORP (Mv)	DO (mg/L)
1420	15.5	7.42	2005	36.89	-86.5	656

Weather conditions at time of sampling: Partly Cloudy

COMMENTS & OBSERVATIONS: Ants! Sediment in bottom of well. New Bottom depth -13.8. Cloudy Aqueous Sample w/ ants and earthy odor

Date: 11/7/24 **Signature:** [signature] **Company:** Pace

FIELD OBSERVATIONS

Client: Town of Dewitt **Sample Point ID:** MW-11D

Facility: Town of Dewitt Landfill **Sample Matrix:** GW

Field Personnel: CK

SAMPLING INFORMATION:

Date/Time: 11/7/24 (Circle One)

Sampling Method: Bailer **Dedicated:** (YES) NO

Diameter of Well: 2"

Well Depth (from top of PVC): 39.26

Water Depth (from top of PVC): 31.51

Length of Water Column (LWC): ~~Bailer~~ 7.75

Purge Volume: LWC x (.163) x 3= 3.78

↑

See Multiplier to input based on Well Diameter

Diameter	Multiply by
1"	0.041
2"	0.163
3"	0.367
4"	0.653
6"	1.468
8"	2.61

Volume Purged: 4.0

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Cond. (Umhos/cm)	Turbidity (NTU)	ORP (Mv)	DO (mg/L)
1330	12.0	7.54	2318	3445	92.6	8.09

Weather conditions at time of sampling: Sunny, breezy

COMMENTS & OBSERVATIONS: Very turbid.

Date: 11/7/24 **Signature:** [signature] **Company:** PACE

FIELD OBSERVATIONS

Client: Dewitt Town

Sample Point ID: MW-125

Facility: Town of Dewitt Landfill

Sample Matrix: GW

Field Personnel: NK, KN

SAMPLING INFORMATION:

Date/Time: 11/7/24 st: 1358 Ed: 1414

(Circle One)

Sampling Method: Bailer

Dedicated: (YES) NO

Diameter of Well: 2"

Well Depth (from top of PVC): 22.84

Water Depth (from top of PVC): 10.05

Length of Water Column (LWC): 12.79

Purge Volume: LWC x (0.16) x 3= 6.14

↑ See Multiplier to input based on Well Diameter

Diameter	Multiply by
1"	0.041
2"	0.163
3"	0.367
4"	0.653
6"	1.468
8"	2.61

Volume Purged: ~6.20

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Cond. (Umhos/cm)	Turbidity (NTU)	ORP (Mv)	DO (mg/L)
1415	17.0	7.75	1965	50.20	-124.3	6.55

Weather conditions at time of sampling: Sunny

COMMENTS & OBSERVATIONS: Sample cloudy with solids, slight earthy odor

Date: 11/7/24 **Signature:** [signature] **Company:** Pace

AIR ANALYSIS

PAGE_____ OF _____

CHAIN OF CUSTODY

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

Date Rec'd in Lab:

ALPHA Job #:

Client Information

Client:

Address: 5400 Butternut

East Syracuse

Phone: 315-569-2144

Fax:

Email:

❑ These samples have been previously analyzed by Alpha

Project Information

Project Name: Dewitt Landfill

Project Location:

Project #:

Project Manager:

ALPHA Quote #:

Turn-Around Time

❑ Standard ❑ RUSH *(only confirmed if pre-approved!)*

Date Due: Time:

Report Information - Data Deliverables

❑ FAX

❑ ADEx

Criteria Checker: _____

(Default based on Regulatory Criteria Indicated)

Other Formats: _____

❑ EMAIL (standard pdf report)

❑ Additional Deliverables:

Report to: (if different than Project Manager)

Billing Information

❑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ❑

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH Subset Non-petroleum HC's ❑	Fixed Gases	Sulfides & Mercaptans by TO-15			Sample Comments (i.e. PID)
	V-9	11-11-24	13:23	13:24	-22.45	0	SV	AF/CK	2.7L	135	0087	X							
	V-10		13:28	13:29	-6.15		SV			3403	0103	X							
	V-11		13:34	13:35	-16.92		SV			3417	0016	X							
	Blind Dup		13:30	13:31	-11.8		SV			3738	0023	X							

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions.
See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
PACE	11/11/24		

Form No: 101-02 Rev: (25-Sep-15)

Appendix D
Laboratory Reports

- November 2024 - Surface water sampling – Alpha Analytical: Analytical Report Lab Job No: L2465905

- November 2024 - Groundwater sampling – Alpha Analytical: Analytical Report Lab Job No: L2465263.

- November 2024 – Gas Vent Sampling – Alpha Analytical: Analytical Report Lab Job No: L2465909.

ANALYTICAL REPORT

Lab Number:	L2465905
Client:	Town of Dewitt 5400 Butternut Drive East Syracuse, NY 13057
ATTN:	Kerri Fusco
Phone:	(315) 446-3392
Project Name:	T. OF DEWITT LANDFILL MONITOR.
Project Number:	1128-2024-SW
Report Date:	11/22/24

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: T. OF DEWITT LANDFILL MONITOR.
Project Number: 1128-2024-SW

Lab Number: L2465905
Report Date: 11/22/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2465905-01	SW-1	WATER	FISHER RD, EAST SYRACUSE	11/11/24 14:12	11/11/24
L2465905-02	SW-2	WATER	FISHER RD, EAST SYRACUSE	11/11/24 14:00	11/11/24
L2465905-03	SW-3	WATER	FISHER RD, EAST SYRACUSE	11/11/24 13:50	11/11/24
L2465905-04	TRIP BLANK	WATER	FISHER RD, EAST SYRACUSE	11/11/24 00:00	11/11/24

Project Name:	T. OF DEWITT LANDFILL MONITOR.	**Lab Number:**	L2465905
Project Number:	1128-2024-SW	**Report Date:**	11/22/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: T. OF DEWITT LANDFILL MONITOR. **Lab Number:** L2465905
Project Number: 1128-2024-SW **Report Date:** 11/22/24

Case Narrative (continued)

Report Submission

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

Sample Receipt

L2465905-01: The sample was received above the appropriate pH for the Total Metals analysis. The laboratory added additional HNO3 to a pH <2.

Volatile Organics by Method 624

L2465905-01D, -02D and -03D: The sample has elevated detection limits due to the dilution required by the sample matrix (cloudy,particles,sediment).

Total Metals

L2465905-01: The sample has elevated detection limits for all elements, with the exception of mercury and thallium, due to the dilution required by the sample matrix.

L2465905-01 and -02: The sample has elevated detection limits for all elements due to the prep dilution required by the sample matrix.

L2465905-02 and -03: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

L2465905-03: The sample has an elevated detection limit for mercury due to the prep dilution required by the sample matrix.

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

Authorized Signature: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative Date: 11/22/24

ORGANICS

VOLATILES

Project Name: T. OF DEWITT LANDFILL MONITOR. **Lab Number:** L2465905

Project Number: 1128-2024-SW **Report Date:** 11/22/24

SAMPLE RESULTS

Lab ID: L2465905-01 D
Client ID: SW-1
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/11/24 14:12
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 11/12/24 22:29
Analyst: GMT

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	5.0	2.8	5
1,1-Dichloroethane	ND		ug/l	7.5	2.0	5
Chloroform	ND		ug/l	5.0	1.9	5
Carbon tetrachloride	ND		ug/l	5.0	1.2	5
1,2-Dichloropropane	ND		ug/l	18	2.3	5
Dibromochloromethane	ND		ug/l	5.0	1.4	5
1,1,2-Trichloroethane	ND		ug/l	7.5	1.7	5
2-Chloroethylvinyl ether	ND		ug/l	50	1.7	5
Tetrachloroethene	ND		ug/l	5.0	1.3	5
Chlorobenzene	ND		ug/l	18	1.5	5
Trichlorofluoromethane	ND		ug/l	25	1.4	5
1,2-Dichloroethane	ND		ug/l	7.5	2.4	5
1,1,1-Trichloroethane	ND		ug/l	10	1.4	5
Bromodichloromethane	ND		ug/l	5.0	1.4	5
trans-1,3-Dichloropropene	ND		ug/l	7.5	1.6	5
cis-1,3-Dichloropropene	ND		ug/l	7.5	1.7	5
Bromoform	ND		ug/l	5.0	1.1	5
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.0	5
Benzene	ND		ug/l	5.0	1.9	5
Toluene	ND		ug/l	5.0	1.6	5
Ethylbenzene	ND		ug/l	5.0	1.4	5
Chloromethane	ND		ug/l	25	5.2	5
Bromomethane	ND		ug/l	25	6.1	5
Vinyl chloride	ND		ug/l	5.0	1.9	5
Chloroethane	ND		ug/l	10	1.8	5
1,1-Dichloroethene	ND		ug/l	5.0	1.5	5
trans-1,2-Dichloroethene	ND		ug/l	7.5	1.6	5
cis-1,2-Dichloroethene	ND		ug/l	5.0	0.86	5

Project Name: T. OF DEWITT LANDFILL MONITOR. **Lab Number:** L2465905

Project Number: 1128-2024-SW **Report Date:** 11/22/24

SAMPLE RESULTS

Lab ID: L2465905-01 D
Client ID: SW-1
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/11/24 14:12
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	5.0	1.7	5
1,2-Dichlorobenzene	ND		ug/l	25	1.4	5
1,3-Dichlorobenzene	ND		ug/l	25	1.4	5
1,4-Dichlorobenzene	ND		ug/l	25	1.4	5
p/m-Xylene	ND		ug/l	10	1.5	5
o-xylene	ND		ug/l	5.0	1.7	5
Xylenes, Total	ND		ug/l	5.0	1.5	5
Styrene	ND		ug/l	5.0	1.8	5
Acetone	ND		ug/l	50	12.	5
Carbon disulfide	ND		ug/l	25	1.4	5
2-Butanone	ND		ug/l	50	5.2	5
Vinyl acetate	ND		ug/l	50	2.0	5
4-Methyl-2-pentanone	ND		ug/l	50	0.95	5
2-Hexanone	ND		ug/l	50	2.8	5
Acrolein	ND		ug/l	40	9.1	5
Acrylonitrile	ND		ug/l	50	1.7	5
Dibromomethane	ND		ug/l	5.0	1.1	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	81		60-140
Fluorobenzene	87		60-140
4-Bromofluorobenzene	93		60-140

Project Name: T. OF DEWITT LANDFILL MONITOR. **Lab Number:** L2465905

Project Number: 1128-2024-SW **Report Date:** 11/22/24

SAMPLE RESULTS

Lab ID: L2465905-02 D
Client ID: SW-2
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/11/24 14:00
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 11/12/24 23:00
Analyst: GMT

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	4.0	2.2	4
1,1-Dichloroethane	ND		ug/l	6.0	1.6	4
Chloroform	ND		ug/l	4.0	1.5	4
Carbon tetrachloride	ND		ug/l	4.0	0.98	4
1,2-Dichloropropane	ND		ug/l	14	1.9	4
Dibromochloromethane	ND		ug/l	4.0	1.1	4
1,1,2-Trichloroethane	ND		ug/l	6.0	1.4	4
2-Chloroethylvinyl ether	ND		ug/l	40	1.4	4
Tetrachloroethene	ND		ug/l	4.0	1.0	4
Chlorobenzene	ND		ug/l	14	1.2	4
Trichlorofluoromethane	ND		ug/l	20	1.1	4
1,2-Dichloroethane	ND		ug/l	6.0	1.9	4
1,1,1-Trichloroethane	ND		ug/l	8.0	1.1	4
Bromodichloromethane	ND		ug/l	4.0	1.1	4
trans-1,3-Dichloropropene	ND		ug/l	6.0	1.2	4
cis-1,3-Dichloropropene	ND		ug/l	6.0	1.3	4
Bromoform	ND		ug/l	4.0	0.86	4
1,1,2,2-Tetrachloroethane	ND		ug/l	4.0	0.81	4
Benzene	ND		ug/l	4.0	1.5	4
Toluene	ND		ug/l	4.0	1.2	4
Ethylbenzene	ND		ug/l	4.0	1.1	4
Chloromethane	ND		ug/l	20	4.2	4
Bromomethane	ND		ug/l	20	4.9	4
Vinyl chloride	ND		ug/l	4.0	1.5	4
Chloroethane	ND		ug/l	8.0	1.5	4
1,1-Dichloroethene	ND		ug/l	4.0	1.2	4
trans-1,2-Dichloroethene	ND		ug/l	6.0	1.3	4
cis-1,2-Dichloroethene	ND		ug/l	4.0	0.68	4

Project Name: T. OF DEWITT LANDFILL MONITOR. **Lab Number:** L2465905

Project Number: 1128-2024-SW **Report Date:** 11/22/24

SAMPLE RESULTS

Lab ID: L2465905-02 D
Client ID: SW-2
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/11/24 14:00
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	4.0	1.3	4
1,2-Dichlorobenzene	ND		ug/l	20	1.1	4
1,3-Dichlorobenzene	ND		ug/l	20	1.1	4
1,4-Dichlorobenzene	ND		ug/l	20	1.1	4
p/m-Xylene	ND		ug/l	8.0	1.2	4
o-xylene	ND		ug/l	4.0	1.4	4
Xylenes, Total	ND		ug/l	4.0	1.2	4
Styrene	ND		ug/l	4.0	1.5	4
Acetone	ND		ug/l	40	9.5	4
Carbon disulfide	ND		ug/l	20	1.1	4
2-Butanone	ND		ug/l	40	4.2	4
Vinyl acetate	ND		ug/l	40	1.6	4
4-Methyl-2-pentanone	ND		ug/l	40	0.76	4
2-Hexanone	ND		ug/l	40	2.2	4
Acrolein	ND		ug/l	32	7.3	4
Acrylonitrile	ND		ug/l	40	1.3	4
Dibromomethane	ND		ug/l	4.0	0.91	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	81		60-140
Fluorobenzene	86		60-140
4-Bromofluorobenzene	94		60-140

Project Name: T. OF DEWITT LANDFILL MONITOR. **Lab Number:** L2465905

Project Number: 1128-2024-SW **Report Date:** 11/22/24

SAMPLE RESULTS

Lab ID: L2465905-03 D
Client ID: SW-3
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/11/24 13:50
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 11/12/24 23:32
Analyst: GMT

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	1.4	2.5
1,1-Dichloroethane	ND		ug/l	3.8	0.99	2.5
Chloroform	ND		ug/l	2.5	0.96	2.5
Carbon tetrachloride	ND		ug/l	2.5	0.61	2.5
1,2-Dichloropropane	ND		ug/l	8.8	1.2	2.5
Dibromochloromethane	ND		ug/l	2.5	0.68	2.5
1,1,2-Trichloroethane	ND		ug/l	3.8	0.84	2.5
2-Chloroethylvinyl ether	ND		ug/l	25	0.87	2.5
Tetrachloroethene	ND		ug/l	2.5	0.65	2.5
Chlorobenzene	ND		ug/l	8.8	0.76	2.5
Trichlorofluoromethane	ND		ug/l	12	0.69	2.5
1,2-Dichloroethane	ND		ug/l	3.8	1.2	2.5
1,1,1-Trichloroethane	ND		ug/l	5.0	0.72	2.5
Bromodichloromethane	ND		ug/l	2.5	0.69	2.5
trans-1,3-Dichloropropene	ND		ug/l	3.8	0.78	2.5
cis-1,3-Dichloropropene	ND		ug/l	3.8	0.84	2.5
Bromoform	ND		ug/l	2.5	0.54	2.5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.51	2.5
Benzene	ND		ug/l	2.5	0.96	2.5
Toluene	ND		ug/l	2.5	0.78	2.5
Ethylbenzene	ND		ug/l	2.5	0.70	2.5
Chloromethane	ND		ug/l	12	2.6	2.5
Bromomethane	ND		ug/l	12	3.0	2.5
Vinyl chloride	ND		ug/l	2.5	0.94	2.5
Chloroethane	ND		ug/l	5.0	0.93	2.5
1,1-Dichloroethene	ND		ug/l	2.5	0.77	2.5
trans-1,2-Dichloroethene	ND		ug/l	3.8	0.82	2.5
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.43	2.5

Project Name: T. OF DEWITT LANDFILL MONITOR. **Lab Number:** L2465905

Project Number: 1128-2024-SW **Report Date:** 11/22/24

SAMPLE RESULTS

Lab ID: L2465905-03 D
Client ID: SW-3
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/11/24 13:50
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	2.5	0.84	2.5
1,2-Dichlorobenzene	ND		ug/l	12	0.69	2.5
1,3-Dichlorobenzene	ND		ug/l	12	0.68	2.5
1,4-Dichlorobenzene	ND		ug/l	12	0.72	2.5
p/m-Xylene	ND		ug/l	5.0	0.76	2.5
o-xylene	ND		ug/l	2.5	0.85	2.5
Xylenes, Total	ND		ug/l	2.5	0.76	2.5
Styrene	ND		ug/l	2.5	0.93	2.5
Acetone	ND		ug/l	25	5.9	2.5
Carbon disulfide	ND		ug/l	12	0.71	2.5
2-Butanone	ND		ug/l	25	2.6	2.5
Vinyl acetate	ND		ug/l	25	1.0	2.5
4-Methyl-2-pentanone	ND		ug/l	25	0.48	2.5
2-Hexanone	ND		ug/l	25	1.4	2.5
Acrolein	ND		ug/l	20	4.6	2.5
Acrylonitrile	ND		ug/l	25	0.83	2.5
Dibromomethane	ND		ug/l	2.5	0.57	2.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	83		60-140
Fluorobenzene	84		60-140
4-Bromofluorobenzene	99		60-140

Project Name: T. OF DEWITT LANDFILL MONITOR. **Lab Number:** L2465905

Project Number: 1128-2024-SW **Report Date:** 11/22/24

SAMPLE RESULTS

Lab ID: L2465905-04 Date Collected: 11/11/24 00:00
Client ID: TRIP BLANK Date Received: 11/11/24
Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 11/13/24 14:33
Analyst: GMT

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1

Project Name: T. OF DEWITT LANDFILL MONITOR. **Lab Number:** L2465905

Project Number: 1128-2024-SW **Report Date:** 11/22/24

SAMPLE RESULTS

Lab ID: L2465905-04 Date Collected: 11/11/24 00:00

Client ID: TRIP BLANK Date Received: 11/11/24

Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-xylene	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	ND		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	ND		ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	96		60-140
Fluorobenzene	94		60-140
4-Bromofluorobenzene	102		60-140

Project Name: T. OF DEWITT LANDFILL MONITOR. **Lab Number:** L2465905

Project Number: 1128-2024-SW **Report Date:** 11/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 11/12/24 14:18
Analyst: GMT

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1997034-4					
Methylene chloride	ND		ug/l	1.0	0.56
1,1-Dichloroethane	ND		ug/l	1.5	0.40
Chloroform	ND		ug/l	1.0	0.38
Carbon tetrachloride	ND		ug/l	1.0	0.24
1,2-Dichloropropane	ND		ug/l	3.5	0.46
Dibromochloromethane	ND		ug/l	1.0	0.27
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34
2-Chloroethylvinyl ether	ND		ug/l	10	0.35
Tetrachloroethene	ND		ug/l	1.0	0.26
Chlorobenzene	ND		ug/l	3.5	0.30
Trichlorofluoromethane	ND		ug/l	5.0	0.28
1,2-Dichloroethane	ND		ug/l	1.5	0.47
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29
Bromodichloromethane	ND		ug/l	1.0	0.28
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34
Bromoform	ND		ug/l	1.0	0.22
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20
Benzene	ND		ug/l	1.0	0.38
Toluene	ND		ug/l	1.0	0.31
Ethylbenzene	ND		ug/l	1.0	0.28
Chloromethane	ND		ug/l	5.0	1.0
Bromomethane	ND		ug/l	5.0	1.2
Vinyl chloride	ND		ug/l	1.0	0.38
Chloroethane	ND		ug/l	2.0	0.37
1,1-Dichloroethene	ND		ug/l	1.0	0.31
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17
Trichloroethene	ND		ug/l	1.0	0.33

Project Name: T. OF DEWITT LANDFILL MONITOR. **Lab Number:** L2465905

Project Number: 1128-2024-SW **Report Date:** 11/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 11/12/24 14:18
Analyst: GMT

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1997034-4					
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29
p/m-Xylene	ND		ug/l	2.0	0.30
o-xylene	ND		ug/l	1.0	0.34
Xylenes, Total	ND		ug/l	1.0	0.30
Styrene	ND		ug/l	1.0	0.37
Acetone	ND		ug/l	10	2.4
Carbon disulfide	ND		ug/l	5.0	0.28
2-Butanone	ND		ug/l	10	1.0
Vinyl acetate	ND		ug/l	10	0.41
4-Methyl-2-pentanone	ND		ug/l	10	0.19
2-Hexanone	ND		ug/l	10	0.55
Acrolein	ND		ug/l	8.0	1.8
Acrylonitrile	ND		ug/l	10	0.33
Dibromomethane	ND		ug/l	1.0	0.23

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	87		60-140
Fluorobenzene	97		60-140
4-Bromofluorobenzene	84		60-140

Project Name: T. OF DEWITT LANDFILL MONITOR. **Lab Number:** L2465905

Project Number: 1128-2024-SW **Report Date:** 11/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 11/13/24 10:53
Analyst: GMT

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1997388-4					
Methylene chloride	ND		ug/l	1.0	0.56
1,1-Dichloroethane	ND		ug/l	1.5	0.40
Chloroform	ND		ug/l	1.0	0.38
Carbon tetrachloride	ND		ug/l	1.0	0.24
1,2-Dichloropropane	ND		ug/l	3.5	0.46
Dibromochloromethane	ND		ug/l	1.0	0.27
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34
2-Chloroethylvinyl ether	ND		ug/l	10	0.35
Tetrachloroethene	ND		ug/l	1.0	0.26
Chlorobenzene	ND		ug/l	3.5	0.30
Trichlorofluoromethane	ND		ug/l	5.0	0.28
1,2-Dichloroethane	ND		ug/l	1.5	0.47
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29
Bromodichloromethane	ND		ug/l	1.0	0.28
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34
Bromoform	ND		ug/l	1.0	0.22
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20
Benzene	ND		ug/l	1.0	0.38
Toluene	ND		ug/l	1.0	0.31
Ethylbenzene	ND		ug/l	1.0	0.28
Chloromethane	ND		ug/l	5.0	1.0
Bromomethane	ND		ug/l	5.0	1.2
Vinyl chloride	ND		ug/l	1.0	0.38
Chloroethane	ND		ug/l	2.0	0.37
1,1-Dichloroethene	ND		ug/l	1.0	0.31
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17
Trichloroethene	ND		ug/l	1.0	0.33

Project Name: T. OF DEWITT LANDFILL MONITOR. **Lab Number:** L2465905

Project Number: 1128-2024-SW **Report Date:** 11/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 11/13/24 10:53
Analyst: GMT

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1997388-4					
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29
p/m-Xylene	ND		ug/l	2.0	0.30
o-xylene	ND		ug/l	1.0	0.34
Xylenes, Total	ND		ug/l	1.0	0.30
Styrene	ND		ug/l	1.0	0.37
Acetone	ND		ug/l	10	2.4
Carbon disulfide	ND		ug/l	5.0	0.28
2-Butanone	ND		ug/l	10	1.0
Vinyl acetate	ND		ug/l	10	0.41
4-Methyl-2-pentanone	ND		ug/l	10	0.19
2-Hexanone	ND		ug/l	10	0.55
Acrolein	ND		ug/l	8.0	1.8
Acrylonitrile	ND		ug/l	10	0.33
Dibromomethane	ND		ug/l	1.0	0.23

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	96		60-140
Fluorobenzene	95		60-140
4-Bromofluorobenzene	92		60-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITOR.

Project Number: 1128-2024-SW

Lab Number: L2465905

Report Date: 11/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1997034-3								
Methylene chloride	90		-		60-140	-		28
1,1-Dichloroethane	100		-		50-150	-		49
Chloroform	95		-		70-135	-		54
Carbon tetrachloride	95		-		70-130	-		41
1,2-Dichloropropane	105		-		35-165	-		55
Dibromochloromethane	90		-		70-135	-		50
1,1,2-Trichloroethane	95		-		70-130	-		45
2-Chloroethylvinyl ether	47		-		1-225	-		71
Tetrachloroethene	85		-		70-130	-		39
Chlorobenzene	80		-		65-135	-		53
Trichlorofluoromethane	75		-		50-150	-		84
1,2-Dichloroethane	95		-		70-130	-		49
1,1,1-Trichloroethane	95		-		70-130	-		36
Bromodichloromethane	95		-		65-135	-		56
trans-1,3-Dichloropropene	100		-		50-150	-		86
cis-1,3-Dichloropropene	105		-		25-175	-		58
Bromoform	80		-		70-130	-		42
1,1,2,2-Tetrachloroethane	95		-		60-140	-		61
Benzene	105		-		65-135	-		61
Toluene	90		-		70-130	-		41
Ethylbenzene	80		-		60-140	-		63
Chloromethane	80		-		1-205	-		60
Bromomethane	39		-		15-185	-		61

Lab Control Sample Analysis

Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITOR.

Project Number: 1128-2024-SW

Lab Number: L2465905

Report Date: 11/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1997034-3								
Vinyl chloride	70		-		5-195	-		66
Chloroethane	85		-		40-160	-		78
1,1-Dichloroethene	85		-		50-150	-		32
trans-1,2-Dichloroethene	85		-		70-130	-		45
cis-1,2-Dichloroethene	90		-		60-140	-		30
Trichloroethene	90		-		65-135	-		48
1,2-Dichlorobenzene	80		-		65-135	-		57
1,3-Dichlorobenzene	75		-		70-130	-		43
1,4-Dichlorobenzene	80		-		65-135	-		57
p/m-Xylene	80		-		60-140	-		30
o-xylene	80		-		60-140	-		30
Styrene	75		-		60-140	-		30
Acetone	104		-		40-160	-		30
Carbon disulfide	80		-		60-140	-		30
2-Butanone	**150**	Q	-		60-140	-		30
Vinyl acetate	**212**	Q	-		60-140	-		30
4-Methyl-2-pentanone	124		-		60-140	-		30
2-Hexanone	128		-		60-140	-		30
Acrolein	**145**	Q	-		60-140	-		30
Acrylonitrile	135		-		60-140	-		60
Dibromomethane	105		-		70-130	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITOR.

Project Number: 1128-2024-SW

Lab Number: L2465905

Report Date: 11/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1997034-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Pentafluorobenzene	89				60-140
Fluorobenzene	103				60-140
4-Bromofluorobenzene	79				60-140

Lab Control Sample Analysis
Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITOR.
Project Number: 1128-2024-SW

Lab Number: L2465905
Report Date: 11/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1997388-3								
Methylene chloride	105		-		60-140	-		28
1,1-Dichloroethane	105		-		50-150	-		49
Chloroform	110		-		70-135	-		54
Carbon tetrachloride	110		-		70-130	-		41
1,2-Dichloropropane	110		-		35-165	-		55
Dibromochloromethane	100		-		70-135	-		50
1,1,2-Trichloroethane	110		-		70-130	-		45
2-Chloroethylvinyl ether	95		-		1-225	-		71
Tetrachloroethene	105		-		70-130	-		39
Chlorobenzene	100		-		65-135	-		53
Trichlorofluoromethane	100		-		50-150	-		84
1,2-Dichloroethane	110		-		70-130	-		49
1,1,1-Trichloroethane	110		-		70-130	-		36
Bromodichloromethane	105		-		65-135	-		56
trans-1,3-Dichloropropene	100		-		50-150	-		86
cis-1,3-Dichloropropene	105		-		25-175	-		58
Bromoform	95		-		70-130	-		42
1,1,2,2-Tetrachloroethane	100		-		60-140	-		61
Benzene	105		-		65-135	-		61
Toluene	105		-		70-130	-		41
Ethylbenzene	100		-		60-140	-		63
Chloromethane	90		-		1-205	-		60
Bromomethane	80		-		15-185	-		61

Lab Control Sample Analysis

Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITOR.

Project Number: 1128-2024-SW

Lab Number: L2465905

Report Date: 11/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1997388-3								
Vinyl chloride	95		-		5-195	-		66
Chloroethane	110		-		40-160	-		78
1,1-Dichloroethene	100		-		50-150	-		32
trans-1,2-Dichloroethene	100		-		70-130	-		45
cis-1,2-Dichloroethene	105		-		60-140	-		30
Trichloroethene	110		-		65-135	-		48
1,2-Dichlorobenzene	100		-		65-135	-		57
1,3-Dichlorobenzene	95		-		70-130	-		43
1,4-Dichlorobenzene	100		-		65-135	-		57
p/m-Xylene	105		-		60-140	-		30
o-xylene	100		-		60-140	-		30
Styrene	100		-		60-140	-		30
Acetone	116		-		40-160	-		30
Carbon disulfide	90		-		60-140	-		30
2-Butanone	136		-		60-140	-		30
Vinyl acetate	118		-		60-140	-		30
4-Methyl-2-pentanone	122		-		60-140	-		30
2-Hexanone	124		-		60-140	-		30
Acrolein	118		-		60-140	-		30
Acrylonitrile	112		-		60-140	-		60
Dibromomethane	105		-		70-130	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITOR.
Project Number: 1128-2024-SW

Lab Number: L2465905
Report Date: 11/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1997388-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Pentafluorobenzene	98				60-140
Fluorobenzene	98				60-140
4-Bromofluorobenzene	93				60-140

METALS

Project Name: T. OF DEWITT LANDFILL MONITOR. **Lab Number:** L2465905

Project Number: 1128-2024-SW **Report Date:** 11/22/24

SAMPLE RESULTS

Lab ID: L2465905-01 Date Collected: 11/11/24 14:12

Client ID: SW-1 Date Received: 11/11/24

Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/l	0.500	0.0710	5	11/16/24 09:46	11/18/24 21:01	EPA 3005A	19,200.7	DMC
Arsenic, Total	ND		mg/l	0.0500	0.0190	5	11/16/24 09:46	11/18/24 21:01	EPA 3005A	19,200.7	DMC
Beryllium, Total	ND		mg/l	0.0500	0.0090	5	11/16/24 09:46	11/18/24 21:01	EPA 3005A	19,200.7	DMC
Cadmium, Total	ND		mg/l	0.0500	0.0100	5	11/16/24 09:46	11/18/24 21:01	EPA 3005A	19,200.7	DMC
Chromium, Total	0.0229	J	mg/l	0.100	0.0210	5	11/16/24 09:46	11/18/24 21:01	EPA 3005A	19,200.7	DMC
Copper, Total	0.0711	J	mg/l	0.100	0.0220	5	11/16/24 09:46	11/18/24 21:01	EPA 3005A	19,200.7	DMC
Lead, Total	ND		mg/l	0.100	0.0270	5	11/16/24 09:46	11/18/24 21:01	EPA 3005A	19,200.7	DMC
Mercury, Total	0.00190		mg/l	0.00100	0.00045	1	11/16/24 12:00	11/18/24 10:22	EPA 245.1	3,245.1	JWN
Nickel, Total	0.122	J	mg/l	0.250	0.0240	5	11/16/24 09:46	11/18/24 21:01	EPA 3005A	19,200.7	DMC
Selenium, Total	ND		mg/l	0.100	0.0350	5	11/16/24 09:46	11/18/24 21:01	EPA 3005A	19,200.7	DMC
Silver, Total	ND		mg/l	0.0700	0.0280	5	11/16/24 09:46	11/18/24 21:01	EPA 3005A	19,200.7	DMC
Thallium, Total	ND		mg/l	0.0400	0.0050	1	11/16/24 09:46	11/21/24 13:36	EPA 3005A	19,200.7	EFM
Zinc, Total	1.88		mg/l	0.0500	0.0210	5	11/16/24 09:46	11/18/24 21:01	EPA 3005A	19,200.7	DMC

Project Name: T. OF DEWITT LANDFILL MONITOR. **Lab Number:** L2465905

Project Number: 1128-2024-SW **Report Date:** 11/22/24

SAMPLE RESULTS

Lab ID: L2465905-02 Date Collected: 11/11/24 14:00

Client ID: SW-2 Date Received: 11/11/24

Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/l	0.500	0.0710	5	11/16/24 09:46	11/18/24 21:06	EPA 3005A	19,200.7	DMC
Arsenic, Total	0.0474	J	mg/l	0.0500	0.0190	5	11/16/24 09:46	11/18/24 21:06	EPA 3005A	19,200.7	DMC
Beryllium, Total	ND		mg/l	0.0500	0.0090	5	11/16/24 09:46	11/18/24 21:06	EPA 3005A	19,200.7	DMC
Cadmium, Total	ND		mg/l	0.0500	0.0100	5	11/16/24 09:46	11/18/24 21:06	EPA 3005A	19,200.7	DMC
Chromium, Total	0.162		mg/l	0.100	0.0210	5	11/16/24 09:46	11/18/24 21:06	EPA 3005A	19,200.7	DMC
Copper, Total	0.501		mg/l	0.100	0.0220	5	11/16/24 09:46	11/18/24 21:06	EPA 3005A	19,200.7	DMC
Lead, Total	0.221		mg/l	0.100	0.0270	5	11/16/24 09:46	11/18/24 21:06	EPA 3005A	19,200.7	DMC
Mercury, Total	0.00103		mg/l	0.00100	0.00045	1	11/16/24 12:00	11/18/24 10:25	EPA 245.1	3,245.1	JWN
Nickel, Total	0.349		mg/l	0.250	0.0240	5	11/16/24 09:46	11/18/24 21:06	EPA 3005A	19,200.7	DMC
Selenium, Total	ND		mg/l	0.100	0.0350	5	11/16/24 09:46	11/18/24 21:06	EPA 3005A	19,200.7	DMC
Silver, Total	ND		mg/l	0.0700	0.0280	5	11/16/24 09:46	11/18/24 21:06	EPA 3005A	19,200.7	DMC
Thallium, Total	ND		mg/l	0.200	0.0250	5	11/16/24 09:46	11/21/24 13:40	EPA 3005A	19,200.7	EFM
Zinc, Total	2.25		mg/l	0.0500	0.0210	5	11/16/24 09:46	11/18/24 21:06	EPA 3005A	19,200.7	DMC

Project Name: T. OF DEWITT LANDFILL MONITOR. **Lab Number:** L2465905

Project Number: 1128-2024-SW **Report Date:** 11/22/24

SAMPLE RESULTS

Lab ID: L2465905-03 Date Collected: 11/11/24 13:50

Client ID: SW-3 Date Received: 11/11/24

Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/l	0.250	0.0355	5	11/16/24 09:46	11/18/24 21:11	EPA 3005A	19,200.7	DMC
Arsenic, Total	0.0453		mg/l	0.0250	0.0095	5	11/16/24 09:46	11/18/24 21:11	EPA 3005A	19,200.7	DMC
Beryllium, Total	ND		mg/l	0.0250	0.0045	5	11/16/24 09:46	11/18/24 21:11	EPA 3005A	19,200.7	DMC
Cadmium, Total	ND		mg/l	0.0250	0.0050	5	11/16/24 09:46	11/18/24 21:11	EPA 3005A	19,200.7	DMC
Chromium, Total	ND		mg/l	0.0500	0.0105	5	11/16/24 09:46	11/18/24 21:11	EPA 3005A	19,200.7	DMC
Copper, Total	0.0337	J	mg/l	0.0500	0.0110	5	11/16/24 09:46	11/18/24 21:11	EPA 3005A	19,200.7	DMC
Lead, Total	ND		mg/l	0.0500	0.0135	5	11/16/24 09:46	11/18/24 21:11	EPA 3005A	19,200.7	DMC
Mercury, Total	0.00062	J	mg/l	0.00100	0.00045	1	11/16/24 12:00	11/18/24 10:28	EPA 245.1	3,245.1	JWN
Nickel, Total	ND		mg/l	0.125	0.0120	5	11/16/24 09:46	11/18/24 21:11	EPA 3005A	19,200.7	DMC
Selenium, Total	ND		mg/l	0.0500	0.0175	5	11/16/24 09:46	11/18/24 21:11	EPA 3005A	19,200.7	DMC
Silver, Total	ND		mg/l	0.0350	0.0140	5	11/16/24 09:46	11/18/24 21:11	EPA 3005A	19,200.7	DMC
Thallium, Total	ND		mg/l	0.100	0.0125	5	11/16/24 09:46	11/21/24 13:59	EPA 3005A	19,200.7	EFM
Zinc, Total	0.150		mg/l	0.0250	0.0105	5	11/16/24 09:46	11/18/24 21:11	EPA 3005A	19,200.7	DMC

Project Name: T. OF DEWITT LANDFILL MONITOR. **Lab Number:** L2465905

Project Number: 1128-2024-SW **Report Date:** 11/22/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1998137-1										
Antimony, Total	ND		mg/l	0.0500	0.0071	1	11/16/24 09:46	11/19/24 17:49	19,200.7	DHL
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	11/16/24 09:46	11/19/24 17:49	19,200.7	DHL
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	11/16/24 09:46	11/19/24 17:49	19,200.7	DHL
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	11/16/24 09:46	11/19/24 17:49	19,200.7	DHL
Chromium, Total	ND		mg/l	0.0100	0.0021	1	11/16/24 09:46	11/19/24 17:49	19,200.7	DHL
Copper, Total	ND		mg/l	0.0100	0.0022	1	11/16/24 09:46	11/19/24 17:49	19,200.7	DHL
Lead, Total	ND		mg/l	0.0100	0.0027	1	11/16/24 09:46	11/19/24 17:49	19,200.7	DHL
Nickel, Total	ND		mg/l	0.0250	0.0024	1	11/16/24 09:46	11/19/24 17:49	19,200.7	DHL
Selenium, Total	ND		mg/l	0.0100	0.0035	1	11/16/24 09:46	11/19/24 17:49	19,200.7	DHL
Silver, Total	ND		mg/l	0.0070	0.0028	1	11/16/24 09:46	11/19/24 17:49	19,200.7	DHL
Thallium, Total	ND		mg/l	0.0200	0.0025	1	11/16/24 09:46	11/19/24 17:49	19,200.7	DHL
Zinc, Total	ND		mg/l	0.0050	0.0021	1	11/16/24 09:46	11/19/24 17:49	19,200.7	DHL

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1998139-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/16/24 12:00	11/18/24 09:49	3,245.1	JWN

Prep Information

Digestion Method: EPA 245.1

Lab Control Sample Analysis

Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITOR.

Project Number: 1128-2024-SW

Lab Number: L2465905

Report Date: 11/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1998137-2								
Antimony, Total	90		-		85-115	-		
Arsenic, Total	93		-		85-115	-		
Beryllium, Total	99		-		85-115	-		
Cadmium, Total	94		-		85-115	-		
Chromium, Total	94		-		85-115	-		
Copper, Total	96		-		85-115	-		
Lead, Total	94		-		85-115	-		
Nickel, Total	97		-		85-115	-		
Selenium, Total	93		-		85-115	-		
Silver, Total	95		-		85-115	-		
Thallium, Total	99		-		85-115	-		
Zinc, Total	97		-		85-115	-		
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1998139-2								
Mercury, Total	91		-		85-115	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITOR.
Project Number: 1128-2024-SW

Lab Number: L2465905
Report Date: 11/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1998137-3 WG1998137-4 QC Sample: L2465417-13 Client ID: MS Sample												
Antimony, Total	ND	0.5	0.454	91		0.491	98		75-125	8		20
Arsenic, Total	ND	0.12	0.119	99		0.122	102		75-125	2		20
Beryllium, Total	ND	0.05	0.0496	99		0.0493	99		75-125	1		20
Cadmium, Total	ND	0.053	0.0479	90		0.0475	90		75-125	1		20
Chromium, Total	0.0056J	0.2	0.188	94		0.190	95		75-125	1		20
Copper, Total	0.0907	0.25	0.331	96		0.329	95		75-125	1		20
Lead, Total	0.0098J	0.53	0.511	96		0.514	97		75-125	1		20
Nickel, Total	0.0179J	0.5	0.478	96		0.475	95		75-125	1		20
Selenium, Total	ND	0.12	0.116	97		0.117	98		75-125	1		20
Silver, Total	ND	0.05	0.0472	94		0.0463	93		75-125	2		20
Thallium, Total	ND	0.12	0.101	84		0.102	85		75-125	1		20
Zinc, Total	0.140	0.5	0.611	94		0.605	93		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITOR.
Project Number: 1128-2024-SW

Lab Number: L2465905
Report Date: 11/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1998137-7 QC Sample: L2465132-01 Client ID: MS Sample									
Antimony, Total	ND	0.5	0.508	102	-	-	75-125	-	20
Arsenic, Total	0.007	0.12	0.124	98	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.0467	93	-	-	75-125	-	20
Cadmium, Total	ND	0.053	0.0502	95	-	-	75-125	-	20
Chromium, Total	ND	0.2	0.186	93	-	-	75-125	-	20
Copper, Total	0.006J	0.25	0.263	105	-	-	75-125	-	20
Lead, Total	ND	0.53	0.492	93	-	-	75-125	-	20
Nickel, Total	0.005J	0.5	0.471	94	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.119	99	-	-	75-125	-	20
Silver, Total	ND	0.05	0.0514	103	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.118	98	-	-	75-125	-	20
Zinc, Total	0.113	0.5	0.576	93	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1998139-3 WG1998139-4 QC Sample: L2465417-13 Client ID: MS Sample									
Mercury, Total	0.00036	0.005	0.00491	91	0.00491	91	70-130	0	20

INORGANICS
&
MISCELLANEOUS

Project Name: T. OF DEWITT LANDFILL MONITOR.
Project Number: 1128-2024-SW

Lab Number: L2465905
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2465905-01
Client ID: SW-1
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/11/24 14:12
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Dissolved	540		mg/l	13	4.0	1.3	-	11/14/24 02:02	121,2540C	DEW

Project Name: T. OF DEWITT LANDFILL MONITOR.
Project Number: 1128-2024-SW

Lab Number: L2465905
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2465905-02
Client ID: SW-2
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/11/24 14:00
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Dissolved	520		mg/l	13	4.0	1.3	-	11/14/24 02:02	121,2540C	DEW

Project Name: T. OF DEWITT LANDFILL MONITOR.
Project Number: 1128-2024-SW

Lab Number: L2465905
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2465905-03
Client ID: SW-3
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/11/24 13:50
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Dissolved	560		mg/l	13	4.0	1.3	-	11/14/24 02:02	121,2540C	DEW

Project Name: T. OF DEWITT LANDFILL MONITOR. **Lab Number:** L2465905

Project Number: 1128-2024-SW **Report Date:** 11/22/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG1997235-1										
Solids, Total Dissolved	5.0	J	mg/l	10	3.1	1	-	11/14/24 02:02	121,2540C	DEW

Lab Control Sample Analysis

Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITOR.

Project Number: 1128-2024-SW

Lab Number: L2465905

Report Date: 11/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG1997235-2								
Solids, Total Dissolved	96		-		80-120	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITOR.

Project Number: 1128-2024-SW

Lab Number: L2465905

Report Date: 11/22/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1997235-3 QC Sample: L2465907-01 Client ID: DUP Sample						
Solids, Total Dissolved	1100	1000	mg/l	10		10
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1997235-4 QC Sample: L2466031-01 Client ID: DUP Sample						
Solids, Total Dissolved	66000	69000	mg/l	4		10

Project Name: T. OF DEWITT LANDFILL MONITOR.
Project Number: 1128-2024-SW

Lab Number: L2465905
Report Date: 11/22/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2465905-01A	Vial Na2S2O3 preserved	A	NA		3.3	Y	Absent		624.1(3)
L2465905-01B	Vial Na2S2O3 preserved	A	NA		3.3	Y	Absent		624.1(3)
L2465905-01C	Vial Na2S2O3 preserved	A	NA		3.3	Y	Absent		624.1(3)
L2465905-01D	Plastic 250ml HNO3 preserved	A	7	<2	3.3	N	Absent		NI-UI(180),SB-UI(180),AG-UI(180),ZN-UI(180),SE-UI(180),HG-U(28),CD-UI(180),BE-UI(180),CR-UI(180),TL-UI(180),PB-UI(180),CU-UI(180),AS-UI(180)
L2465905-01E	Plastic 250ml unpreserved	A	7	7	3.3	Y	Absent		TDS-2540(7)
L2465905-02A	Vial Na2S2O3 preserved	A	NA		3.3	Y	Absent		624.1(3)
L2465905-02B	Vial Na2S2O3 preserved	A	NA		3.3	Y	Absent		624.1(3)
L2465905-02C	Vial Na2S2O3 preserved	A	NA		3.3	Y	Absent		624.1(3)
L2465905-02D	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		SB-UI(180),NI-UI(180),AG-UI(180),ZN-UI(180),SE-UI(180),HG-U(28),CD-UI(180),CR-UI(180),BE-UI(180),CU-UI(180),AS-UI(180),PB-UI(180),TL-UI(180)
L2465905-02E	Plastic 250ml unpreserved	A	7	7	3.3	Y	Absent		TDS-2540(7)
L2465905-03A	Vial Na2S2O3 preserved	A	NA		3.3	Y	Absent		624.1(3)
L2465905-03B	Vial Na2S2O3 preserved	A	NA		3.3	Y	Absent		624.1(3)
L2465905-03C	Vial Na2S2O3 preserved	A	NA		3.3	Y	Absent		624.1(3)
L2465905-03D	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		NI-UI(180),SB-UI(180),ZN-UI(180),AG-UI(180),SE-UI(180),HG-U(28),CD-UI(180),CR-UI(180),BE-UI(180),TL-UI(180),CU-UI(180),PB-UI(180),AS-UI(180)
L2465905-03E	Plastic 250ml unpreserved	A	7	7	3.3	Y	Absent		TDS-2540(7)
L2465905-04A	Vial Na2S2O3 preserved	A	NA		3.3	Y	Absent		624.1(3)
L2465905-04B	Vial Na2S2O3 preserved	A	NA		3.3	Y	Absent		624.1(3)

*Values in parentheses indicate holding time in days

Project Name:	T. OF DEWITT LANDFILL MONITOR.	**Lab Number:**	L2465905
Project Number:	1128-2024-SW	**Report Date:**	11/22/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	T. OF DEWITT LANDFILL MONITOR.	**Lab Number:**	L2465905
Project Number:	1128-2024-SW	**Report Date:**	11/22/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

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

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	T. OF DEWITT LANDFILL MONITOR.	**Lab Number:**	L2465905
Project Number:	1128-2024-SW	**Report Date:**	11/22/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

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

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: T. OF DEWITT LANDFILL MONITOR. **Lab Number:** L2465905

Project Number: 1128-2024-SW **Report Date:** 11/22/24

REFERENCES

3 Methods for the Determination of Metals in Environmental Samples, Supplement I. EPA/600/R-94/111. May 1994.

19 Inductively Coupled Plasma Atomic Emission Spectrometric Method for Trace Element Analysis of Water and Wastes. Appendix C, Part 136, 40 CFR (Code of Federal Regulations). July 1, 1999 edition.

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

128 Method 624.1: Purgeables by GC/MS, EPA 821-R-16-008, December 2016.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine, 2,6-Dichlorophenol.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

L2465905 DEWITT 18NOV24

ALPHA ANALYTICAL

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

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

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

Page 1 of 1

Date Rec'd in Lab: 11/12/24

Client Information
Client: T. of Dewitt c/o Kerrie Fusco
Address: 5400 Butternut Drive
East Syracuse, NY 13057
Phone: (315) 569-2144 cell
Fax:
Email: ggould@gouldgw.com

Project Information
Project Name: T. of Dewitt Landfill Monitoring
Project Location: Fisher Rd, East Syracuse
Project #: 1128-2021-SW
(Use Project name as Project #) ☐
Project Manager: Gerry Gould/Miller Engineers
ALPHAQuote #:

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Client Code: DEWITT

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	624.1	PP Metals	TDS	FIELD Readings	Sample Specific Comments	Total Bottle
L5905-01	SW-1	11/11/24	1400	SW	NK/KN	X	X	X			5
-02	SW-2	"	1400	SW	"	X	X	X			5
-03	SW-3	"	1350	SW	"	X	X	X			5
-04	TRIP BLANK	11/7/24				X					2

Container Type: V P P
Preservative: H C A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
PACE	11/11/24 1444	Syracuse Service Center	11/12/24 1440
	11-11-24		11-12-24
	0030		11/12/24 0030

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

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

ANALYTICAL REPORT

Lab Number:	L2465263
Client:	Town of Dewitt 5400 Butternut Drive East Syracuse, NY 13057
ATTN:	Kerri Fusco
Phone:	(315) 446-3392
Project Name:	T. OF DEWITT LANDFILL MONITORI
Project Number:	1128-2024-GW
Report Date:	11/19/24

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

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

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW

Lab Number: L2465263
Report Date: 11/19/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2465263-01	MW-1S	WATER	FISHER RD, EAST SYRACUSE	11/07/24 14:00	11/07/24
L2465263-02	MW-2S	WATER	FISHER RD, EAST SYRACUSE	11/07/24 13:29	11/07/24
L2465263-03	MW-2D	WATER	FISHER RD, EAST SYRACUSE	11/07/24 13:41	11/07/24
L2465263-04	MW-3S	WATER	FISHER RD, EAST SYRACUSE	11/07/24 14:30	11/07/24
L2465263-05	MW-4S	WATER	FISHER RD, EAST SYRACUSE	11/07/24 10:18	11/07/24
L2465263-06	MW-4D	WATER	FISHER RD, EAST SYRACUSE	11/07/24 10:14	11/07/24
L2465263-07	MW-5S	WATER	FISHER RD, EAST SYRACUSE	11/07/24 13:30	11/07/24
L2465263-08	MW-5D	WATER	FISHER RD, EAST SYRACUSE	11/07/24 13:55	11/07/24
L2465263-09	MW-6S	WATER	FISHER RD, EAST SYRACUSE	11/07/24 10:40	11/07/24
L2465263-10	MW-7S	WATER	FISHER RD, EAST SYRACUSE	11/07/24 11:27	11/07/24
L2465263-11	MW-8S	WATER	FISHER RD, EAST SYRACUSE	11/07/24 11:15	11/07/24
L2465263-12	MW-8D	WATER	FISHER RD, EAST SYRACUSE	11/07/24 11:35	11/07/24
L2465263-13	MW-9S	WATER	FISHER RD, EAST SYRACUSE	11/07/24 11:30	11/07/24
L2465263-14	MW-9M		FISHER RD, EAST SYRACUSE		11/07/24
L2465263-15	MW-9D	WATER	FISHER RD, EAST SYRACUSE	11/07/24 12:00	11/07/24
L2465263-16	MW-10S	WATER	FISHER RD, EAST SYRACUSE	11/07/24 14:20	11/07/24
L2465263-17	MW-11D	WATER	FISHER RD, EAST SYRACUSE	11/07/24 13:30	11/07/24
L2465263-18	MW-12S	WATER	FISHER RD, EAST SYRACUSE	11/07/24 14:15	11/07/24
L2465263-19	TRIP BLANK	WATER	FISHER RD, EAST SYRACUSE	11/07/24 00:00	11/07/24

Project Name:	T. OF DEWITT LANDFILL MONITORI	**Lab Number:**	L2465263
Project Number:	1128-2024-GW	**Report Date:**	11/19/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	T. OF DEWITT LANDFILL MONITORI	**Lab Number:**	L2465263
Project Number:	1128-2024-GW	**Report Date:**	11/19/24

Case Narrative (continued)

Report Submission

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

Sample Receipt

L2465263-14: A sample identified as "MW-9M" was listed on the chain of custody, but not received. This was verified by the client.

Total Metals

L2465263-15: The sample has an elevated detection limit for mercury due to the prep dilution required by the sample matrix.

L2465263-15: The sample has elevated detection limits for all elements, with the exception of mercury, due to the analytical dilution required by the sample matrix.

The WG1996042-3 MS recovery, performed on L2465263-03, is outside the acceptance criteria for selenium (0%). A post digestion spike was performed and was within acceptance criteria.

The WG1996042-4 Laboratory Duplicate RPD for copper (34%), performed on L2465263-03, is above the acceptance criteria; however, the sample and duplicate results are less than five times the reporting limit. Therefore, the RPD is valid.

Solids, Total Dissolved

The WG1996650-4 Laboratory Duplicate RPD for solids, total dissolved (15%), performed on L2465263-09, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

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

Authorized Signature:  Kelly Stenstrom

Title: Technical Director/Representative Date: 11/19/24

ORGANICS

VOLATILES

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-01 Date Collected: 11/07/24 14:00
Client ID: MW-1S Date Received: 11/07/24
Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 11/08/24 17:24
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-01 Date Collected: 11/07/24 14:00

Client ID: MW-1S Date Received: 11/07/24

Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-xylene	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	ND		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	0.25	J	ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	102		60-140
Fluorobenzene	98		60-140
4-Bromofluorobenzene	104		60-140

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-02 Date Collected: 11/07/24 13:29
Client ID: MW-2S Date Received: 11/07/24
Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 11/08/24 17:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-02 Date Collected: 11/07/24 13:29

Client ID: MW-2S Date Received: 11/07/24

Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-xylene	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	ND		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	0.25	J	ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	103		60-140
Fluorobenzene	98		60-140
4-Bromofluorobenzene	105		60-140

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-03
Client ID: MW-2D
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/07/24 13:41
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 11/08/24 18:34
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-03 Date Collected: 11/07/24 13:41

Client ID: MW-2D Date Received: 11/07/24

Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-xylene	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	ND		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	0.28	J	ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	103		60-140
Fluorobenzene	98		60-140
4-Bromofluorobenzene	105		60-140

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-04
Client ID: MW-3S
Sample Location: FISHER RD, EAST SYRACUSE
Date Collected: 11/07/24 14:30
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 11/08/24 19:09
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-04 Date Collected: 11/07/24 14:30

Client ID: MW-3S Date Received: 11/07/24

Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-xylene	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	ND		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	0.26	J	ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	105		60-140
Fluorobenzene	99		60-140
4-Bromofluorobenzene	104		60-140

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-05 Date Collected: 11/07/24 10:18
Client ID: MW-4S Date Received: 11/07/24
Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 11/08/24 19:44
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	3.9		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	76		ug/l	1.0	0.17	1

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-05 Date Collected: 11/07/24 10:18

Client ID: MW-4S Date Received: 11/07/24

Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-xylene	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	ND		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	0.25	J	ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	106		60-140
Fluorobenzene	99		60-140
4-Bromofluorobenzene	102		60-140

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-06
Client ID: MW-4D
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/07/24 10:14
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 11/08/24 20:19
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	4.8		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	150		ug/l	1.0	0.17	1

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-06 Date Collected: 11/07/24 10:14

Client ID: MW-4D Date Received: 11/07/24

Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	19		ug/l	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-xylene	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	ND		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	0.25	J	ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	103		60-140
Fluorobenzene	98		60-140
4-Bromofluorobenzene	104		60-140

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-07 Date Collected: 11/07/24 13:30
Client ID: MW-5S Date Received: 11/07/24
Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 11/08/24 20:54
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-07 Date Collected: 11/07/24 13:30

Client ID: MW-5S Date Received: 11/07/24

Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-xylene	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	ND		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	0.25	J	ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	105		60-140
Fluorobenzene	99		60-140
4-Bromofluorobenzene	103		60-140

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-08
Client ID: MW-5D
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/07/24 13:55
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 11/08/24 21:28
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	2.6		ug/l	1.0	0.17	1

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-08 Date Collected: 11/07/24 13:55

Client ID: MW-5D Date Received: 11/07/24

Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-xylene	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	ND		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	0.25	J	ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	105		60-140
Fluorobenzene	98		60-140
4-Bromofluorobenzene	102		60-140

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-09 Date Collected: 11/07/24 10:40
Client ID: MW-6S Date Received: 11/07/24
Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 11/08/24 22:03
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-09 Date Collected: 11/07/24 10:40

Client ID: MW-6S Date Received: 11/07/24

Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-xylene	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	ND		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	0.28	J	ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	105		60-140
Fluorobenzene	99		60-140
4-Bromofluorobenzene	103		60-140

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-10 Date Collected: 11/07/24 11:27
Client ID: MW-7S Date Received: 11/07/24
Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 11/08/24 22:38
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-10 Date Collected: 11/07/24 11:27

Client ID: MW-7S Date Received: 11/07/24

Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-xylene	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	ND		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	0.28	J	ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	104		60-140
Fluorobenzene	98		60-140
4-Bromofluorobenzene	102		60-140

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-11 Date Collected: 11/07/24 11:15
Client ID: MW-8S Date Received: 11/07/24
Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 11/08/24 23:13
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	54		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-11 Date Collected: 11/07/24 11:15

Client ID: MW-8S Date Received: 11/07/24

Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-xylene	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	ND		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	0.25	J	ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	106		60-140
Fluorobenzene	98		60-140
4-Bromofluorobenzene	102		60-140

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-12 Date Collected: 11/07/24 11:35
Client ID: MW-8D Date Received: 11/07/24
Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 11/08/24 23:48
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-12 Date Collected: 11/07/24 11:35

Client ID: MW-8D Date Received: 11/07/24

Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-xylene	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	ND		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	ND		ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	104		60-140
Fluorobenzene	98		60-140
4-Bromofluorobenzene	102		60-140

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-13 Date Collected: 11/07/24 11:30
Client ID: MW-9S Date Received: 11/07/24
Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 11/09/24 00:23
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	58		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-13 Date Collected: 11/07/24 11:30

Client ID: MW-9S Date Received: 11/07/24

Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-xylene	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	ND		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	0.26	J	ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	104		60-140
Fluorobenzene	98		60-140
4-Bromofluorobenzene	102		60-140

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-15
Client ID: MW-9D
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/07/24 12:00
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 11/09/24 00:58
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-15 Date Collected: 11/07/24 12:00

Client ID: MW-9D Date Received: 11/07/24

Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-xylene	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	80		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	5.1	J	ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	ND		ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	102		60-140
Fluorobenzene	97		60-140
4-Bromofluorobenzene	84		60-140

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-16 Date Collected: 11/07/24 14:20
Client ID: MW-10S Date Received: 11/07/24
Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 11/09/24 01:32
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-16 Date Collected: 11/07/24 14:20

Client ID: MW-10S Date Received: 11/07/24

Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-xylene	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	ND		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	0.52	J	ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	0.27	J	ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	102		60-140
Fluorobenzene	94		60-140
4-Bromofluorobenzene	103		60-140

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-17
Client ID: MW-11D
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/07/24 13:30
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 11/09/24 02:07
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-17 Date Collected: 11/07/24 13:30

Client ID: MW-11D Date Received: 11/07/24

Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-xylene	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	ND		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	0.30	J	ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	102		60-140
Fluorobenzene	96		60-140
4-Bromofluorobenzene	105		60-140

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-18
Client ID: MW-12S
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/07/24 14:15
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 11/09/24 02:42
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-18 Date Collected: 11/07/24 14:15

Client ID: MW-12S Date Received: 11/07/24

Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-xylene	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	8.4	J	ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	0.23	J	ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	104		60-140
Fluorobenzene	97		60-140
4-Bromofluorobenzene	102		60-140

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-19
Client ID: TRIP BLANK
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/07/24 00:00
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 11/08/24 16:49
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-19 Date Collected: 11/07/24 00:00

Client ID: TRIP BLANK Date Received: 11/07/24

Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-xylene	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	ND		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	0.28	J	ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	103		60-140
Fluorobenzene	99		60-140
4-Bromofluorobenzene	106		60-140

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 11/08/24 16:13
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-13,15-19 Batch: WG1995702-4					
Methylene chloride	ND		ug/l	1.0	0.56
1,1-Dichloroethane	ND		ug/l	1.5	0.40
Chloroform	ND		ug/l	1.0	0.38
Carbon tetrachloride	ND		ug/l	1.0	0.24
1,2-Dichloropropane	ND		ug/l	3.5	0.46
Dibromochloromethane	ND		ug/l	1.0	0.27
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34
2-Chloroethylvinyl ether	ND		ug/l	10	0.35
Tetrachloroethene	ND		ug/l	1.0	0.26
Chlorobenzene	ND		ug/l	3.5	0.30
Trichlorofluoromethane	ND		ug/l	5.0	0.28
1,2-Dichloroethane	ND		ug/l	1.5	0.47
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29
Bromodichloromethane	ND		ug/l	1.0	0.28
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34
Bromoform	ND		ug/l	1.0	0.22
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20
Benzene	ND		ug/l	1.0	0.38
Toluene	ND		ug/l	1.0	0.31
Ethylbenzene	ND		ug/l	1.0	0.28
Chloromethane	ND		ug/l	5.0	1.0
Bromomethane	ND		ug/l	5.0	1.2
Vinyl chloride	ND		ug/l	1.0	0.38
Chloroethane	ND		ug/l	2.0	0.37
1,1-Dichloroethene	ND		ug/l	1.0	0.31
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17
Trichloroethene	ND		ug/l	1.0	0.33

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 11/08/24 16:13
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-13,15-19 Batch: WG1995702-4					
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29
p/m-Xylene	ND		ug/l	2.0	0.30
o-xylene	ND		ug/l	1.0	0.34
Xylenes, Total	ND		ug/l	1.0	0.30
Styrene	ND		ug/l	1.0	0.37
Acetone	ND		ug/l	10	2.4
Carbon disulfide	ND		ug/l	5.0	0.28
2-Butanone	ND		ug/l	10	1.0
Vinyl acetate	ND		ug/l	10	0.41
4-Methyl-2-pentanone	ND		ug/l	10	0.19
2-Hexanone	ND		ug/l	10	0.55
Acrolein	ND		ug/l	8.0	1.8
Acrylonitrile	ND		ug/l	10	0.33
Dibromomethane	0.32	J	ug/l	1.0	0.23

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	103		60-140
Fluorobenzene	99		60-140
4-Bromofluorobenzene	103		60-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2024-GW

Lab Number: L2465263

Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-13,15-19 Batch: WG1995702-3								
Methylene chloride	90		-		60-140	-		28
1,1-Dichloroethane	85		-		50-150	-		49
Chloroform	90		-		70-135	-		54
Carbon tetrachloride	85		-		70-130	-		41
1,2-Dichloropropane	85		-		35-165	-		55
Dibromochloromethane	80		-		70-135	-		50
1,1,2-Trichloroethane	90		-		70-130	-		45
2-Chloroethylvinyl ether	75		-		1-225	-		71
Tetrachloroethene	90		-		70-130	-		39
Chlorobenzene	95		-		65-135	-		53
Trichlorofluoromethane	75		-		50-150	-		84
1,2-Dichloroethane	85		-		70-130	-		49
1,1,1-Trichloroethane	85		-		70-130	-		36
Bromodichloromethane	85		-		65-135	-		56
trans-1,3-Dichloropropene	85		-		50-150	-		86
cis-1,3-Dichloropropene	90		-		25-175	-		58
Bromoform	85		-		70-130	-		42
1,1,2,2-Tetrachloroethane	90		-		60-140	-		61
Benzene	90		-		65-135	-		61
Toluene	90		-		70-130	-		41
Ethylbenzene	100		-		60-140	-		63
Chloromethane	55		-		1-205	-		60
Bromomethane	70		-		15-185	-		61

Lab Control Sample Analysis

Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2024-GW

Lab Number: L2465263

Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-13,15-19 Batch: WG1995702-3								
Vinyl chloride	70		-		5-195	-		66
Chloroethane	85		-		40-160	-		78
1,1-Dichloroethene	85		-		50-150	-		32
trans-1,2-Dichloroethene	85		-		70-130	-		45
cis-1,2-Dichloroethene	90		-		60-140	-		30
Trichloroethene	90		-		65-135	-		48
1,2-Dichlorobenzene	90		-		65-135	-		57
1,3-Dichlorobenzene	95		-		70-130	-		43
1,4-Dichlorobenzene	95		-		65-135	-		57
p/m-Xylene	90		-		60-140	-		30
o-xylene	90		-		60-140	-		30
Styrene	85		-		60-140	-		30
Acetone	88		-		40-160	-		30
Carbon disulfide	70		-		60-140	-		30
2-Butanone	100		-		60-140	-		30
Vinyl acetate	88		-		60-140	-		30
4-Methyl-2-pentanone	96		-		60-140	-		30
2-Hexanone	94		-		60-140	-		30
Acrolein	100		-		60-140	-		30
Acrylonitrile	88		-		60-140	-		60
Dibromomethane	90		-		70-130	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2024-GW

Lab Number: L2465263

Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-13,15-19 Batch: WG1995702-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Pentafluorobenzene	103				60-140
Fluorobenzene	102				60-140
4-Bromofluorobenzene	103				60-140

SEMIVOLATILES

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-01
Client ID: MW-1S
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/07/24 14:00
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/15/24 20:49
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 11/13/24 20:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	134	30.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	42		15-110

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-02
Client ID: MW-2S
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/07/24 13:29
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/15/24 21:12
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 11/13/24 20:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	134	30.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	45		15-110

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-03
Client ID: MW-2D
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/07/24 13:41
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/15/24 09:49
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 11/14/24 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	139	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	45		15-110

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-04
Client ID: MW-3S
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/07/24 14:30
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/15/24 10:14
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 11/14/24 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	2580		ng/l	139	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	46		15-110

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-05
Client ID: MW-4S
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/07/24 10:18
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/15/24 10:39
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 11/14/24 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	19200		ng/l	139	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	45		15-110

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-06
Client ID: MW-4D
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/07/24 10:14
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/15/24 11:04
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 11/14/24 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	22100		ng/l	139	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	42		15-110

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-07
Client ID: MW-5S
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/07/24 13:30
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/15/24 11:29
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 11/14/24 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	12600		ng/l	139	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	43		15-110

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-08
Client ID: MW-5D
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/07/24 13:55
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/15/24 11:54
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 11/14/24 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	2760		ng/l	139	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	44		15-110

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-09
Client ID: MW-6S
Sample Location: FISHER RD, EAST SYRACUSE
Date Collected: 11/07/24 10:40
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/15/24 12:18
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 11/14/24 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	25200		ng/l	144	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	44		15-110

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-10
Client ID: MW-7S
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/07/24 11:27
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/15/24 12:43
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 11/14/24 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	139	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	42		15-110

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-11
Client ID: MW-8S
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/07/24 11:15
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/15/24 13:08
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 11/14/24 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	2200		ng/l	139	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	40		15-110

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-12
Client ID: MW-8D
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/07/24 11:35
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/15/24 13:33
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 11/14/24 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	339.		ng/l	144	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	44		15-110

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-13
Client ID: MW-9S
Sample Location: FISHER RD, EAST SYRACUSE
Date Collected: 11/07/24 11:30
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/15/24 14:00
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 11/14/24 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	64000		ng/l	139	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	43		15-110

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-15
Client ID: MW-9D
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/07/24 12:00
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/15/24 14:25
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 11/14/24 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	28100		ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	55		15-110

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-16
Client ID: MW-10S
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/07/24 14:20
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/15/24 14:50
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 11/14/24 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	137.	J	ng/l	139	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	41		15-110

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-17
Client ID: MW-11D
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/07/24 13:30
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/16/24 01:05
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 11/14/24 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	139	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	41		15-110

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-18
Client ID: MW-12S
Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 11/07/24 14:15
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/16/24 01:29
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 11/14/24 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	139	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	45		15-110

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW
Lab Number: L2465263
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 11/14/24 21:23
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 11/13/24 20:15

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 01-02 Batch: WG1997142-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	42		15-110

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW
Lab Number: L2465263
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 11/15/24 08:35
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 11/14/24 17:00

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 03-13,15-16 Batch: WG1997634-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	46		15-110

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW
Lab Number: L2465263
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 11/15/24 20:07
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 11/14/24 18:25

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 17-18 Batch: WG1997672-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	43		15-110

Lab Control Sample Analysis

Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2024-GW

Lab Number: L2465263

Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab	Associated sample(s): 01-02		Batch: WG1997142-2 WG1997142-3					
1,4-Dioxane	126		119		40-140	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	41		44		15-110

Lab Control Sample Analysis

Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2024-GW

Lab Number: L2465263

Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab	Associated sample(s): 03-13,15-16		Batch: WG1997634-2		WG1997634-3			
1,4-Dioxane	114		116		40-140	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	48		50		15-110

Lab Control Sample Analysis

Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2024-GW

Lab Number: L2465263

Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab	Associated sample(s): 17-18		Batch: WG1997672-2		WG1997672-3			
1,4-Dioxane	114		113		40-140	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	46		45		15-110

METALS

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-01
Client ID: MW-1S
Sample Location: FISHER RD, EAST SYRACUSE
Date Collected: 11/07/24 14:00
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	0.00055	J	mg/l	0.00400	0.00042	1	11/12/24 07:15	11/16/24 09:45	EPA 3005A	1,6020B	MRC
Arsenic, Total	0.00446		mg/l	0.00050	0.00016	1	11/12/24 07:15	11/16/24 09:45	EPA 3005A	1,6020B	MRC
Beryllium, Total	0.00020	J	mg/l	0.00050	0.00010	1	11/12/24 07:15	11/16/24 09:45	EPA 3005A	1,6020B	MRC
Cadmium, Total	0.00017	J	mg/l	0.00020	0.00005	1	11/12/24 07:15	11/16/24 09:45	EPA 3005A	1,6020B	MRC
Chromium, Total	0.00930		mg/l	0.00100	0.00017	1	11/12/24 07:15	11/16/24 09:45	EPA 3005A	1,6020B	MRC
Copper, Total	0.02727		mg/l	0.00100	0.00038	1	11/12/24 07:15	11/16/24 09:45	EPA 3005A	1,6020B	MRC
Lead, Total	0.00695		mg/l	0.00100	0.00034	1	11/12/24 07:15	11/16/24 09:45	EPA 3005A	1,6020B	MRC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/13/24 16:07	11/14/24 07:31	EPA 7470A	1,7470A	JWN
Nickel, Total	0.01693		mg/l	0.00200	0.00055	1	11/12/24 07:15	11/16/24 09:45	EPA 3005A	1,6020B	MRC
Selenium, Total	ND		mg/l	0.00500	0.00173	1	11/12/24 07:15	11/16/24 09:45	EPA 3005A	1,6020B	MRC
Silver, Total	ND		mg/l	0.00040	0.00016	1	11/12/24 07:15	11/16/24 09:45	EPA 3005A	1,6020B	MRC
Thallium, Total	0.00017	J	mg/l	0.00100	0.00014	1	11/12/24 07:15	11/16/24 09:45	EPA 3005A	1,6020B	MRC
Zinc, Total	0.03876		mg/l	0.01000	0.00341	1	11/12/24 07:15	11/16/24 09:45	EPA 3005A	1,6020B	MRC

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-02
Client ID: MW-2S
Sample Location: FISHER RD, EAST SYRACUSE
Date Collected: 11/07/24 13:29
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	11/12/24 07:15	11/16/24 09:50	EPA 3005A	1,6020B	MRC
Arsenic, Total	0.00119		mg/l	0.00050	0.00016	1	11/12/24 07:15	11/16/24 09:50	EPA 3005A	1,6020B	MRC
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	11/12/24 07:15	11/16/24 09:50	EPA 3005A	1,6020B	MRC
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	11/12/24 07:15	11/16/24 09:50	EPA 3005A	1,6020B	MRC
Chromium, Total	0.00069	J	mg/l	0.00100	0.00017	1	11/12/24 07:15	11/16/24 09:50	EPA 3005A	1,6020B	MRC
Copper, Total	0.00068	J	mg/l	0.00100	0.00038	1	11/12/24 07:15	11/16/24 09:50	EPA 3005A	1,6020B	MRC
Lead, Total	ND		mg/l	0.00100	0.00034	1	11/12/24 07:15	11/16/24 09:50	EPA 3005A	1,6020B	MRC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/13/24 16:07	11/14/24 07:34	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00081	J	mg/l	0.00200	0.00055	1	11/12/24 07:15	11/16/24 09:50	EPA 3005A	1,6020B	MRC
Selenium, Total	ND		mg/l	0.00500	0.00173	1	11/12/24 07:15	11/16/24 09:50	EPA 3005A	1,6020B	MRC
Silver, Total	ND		mg/l	0.00040	0.00016	1	11/12/24 07:15	11/16/24 09:50	EPA 3005A	1,6020B	MRC
Thallium, Total	ND		mg/l	0.00100	0.00014	1	11/12/24 07:15	11/16/24 09:50	EPA 3005A	1,6020B	MRC
Zinc, Total	ND		mg/l	0.01000	0.00341	1	11/12/24 07:15	11/16/24 09:50	EPA 3005A	1,6020B	MRC

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-03
Client ID: MW-2D
Sample Location: FISHER RD, EAST SYRACUSE
Date Collected: 11/07/24 13:41
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	0.00212	J	mg/l	0.00400	0.00042	1	11/12/24 07:15	11/16/24 10:35	EPA 3005A	1,6020B	MRC
Arsenic, Total	0.00027	J	mg/l	0.00050	0.00016	1	11/12/24 07:15	11/16/24 10:35	EPA 3005A	1,6020B	MRC
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	11/12/24 07:15	11/16/24 10:35	EPA 3005A	1,6020B	MRC
Cadmium, Total	0.00006	J	mg/l	0.00020	0.00005	1	11/12/24 07:15	11/16/24 10:35	EPA 3005A	1,6020B	MRC
Chromium, Total	0.03350		mg/l	0.00100	0.00017	1	11/12/24 07:15	11/16/24 10:35	EPA 3005A	1,6020B	MRC
Copper, Total	0.00359		mg/l	0.00100	0.00038	1	11/12/24 07:15	11/16/24 10:35	EPA 3005A	1,6020B	MRC
Lead, Total	0.00336		mg/l	0.00100	0.00034	1	11/12/24 07:15	11/16/24 10:35	EPA 3005A	1,6020B	MRC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/13/24 16:07	11/14/24 07:37	EPA 7470A	1,7470A	JWN
Nickel, Total	0.01804		mg/l	0.00200	0.00055	1	11/12/24 07:15	11/16/24 10:35	EPA 3005A	1,6020B	MRC
Selenium, Total	ND		mg/l	0.00500	0.00173	1	11/12/24 07:15	11/16/24 10:35	EPA 3005A	1,6020B	MRC
Silver, Total	ND		mg/l	0.00040	0.00016	1	11/12/24 07:15	11/16/24 10:35	EPA 3005A	1,6020B	MRC
Thallium, Total	ND		mg/l	0.00100	0.00014	1	11/12/24 07:15	11/16/24 10:35	EPA 3005A	1,6020B	MRC
Zinc, Total	0.03836		mg/l	0.01000	0.00341	1	11/12/24 07:15	11/16/24 10:35	EPA 3005A	1,6020B	MRC

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-04
Client ID: MW-3S
Sample Location: FISHER RD, EAST SYRACUSE
Date Collected: 11/07/24 14:30
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	11/12/24 07:15	11/16/24 10:58	EPA 3005A	1,6020B	MRC
Arsenic, Total	0.08372		mg/l	0.00050	0.00016	1	11/12/24 07:15	11/16/24 10:58	EPA 3005A	1,6020B	MRC
Beryllium, Total	0.00167		mg/l	0.00050	0.00010	1	11/12/24 07:15	11/16/24 10:58	EPA 3005A	1,6020B	MRC
Cadmium, Total	0.00022		mg/l	0.00020	0.00005	1	11/12/24 07:15	11/16/24 10:58	EPA 3005A	1,6020B	MRC
Chromium, Total	0.01872		mg/l	0.00100	0.00017	1	11/12/24 07:15	11/16/24 10:58	EPA 3005A	1,6020B	MRC
Copper, Total	0.02285		mg/l	0.00100	0.00038	1	11/12/24 07:15	11/16/24 10:58	EPA 3005A	1,6020B	MRC
Lead, Total	0.04674		mg/l	0.00100	0.00034	1	11/12/24 07:15	11/16/24 10:58	EPA 3005A	1,6020B	MRC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/13/24 16:07	11/14/24 07:41	EPA 7470A	1,7470A	JWN
Nickel, Total	0.03004		mg/l	0.00200	0.00055	1	11/12/24 07:15	11/16/24 10:58	EPA 3005A	1,6020B	MRC
Selenium, Total	0.00385	J	mg/l	0.00500	0.00173	1	11/12/24 07:15	11/16/24 10:58	EPA 3005A	1,6020B	MRC
Silver, Total	0.00017	J	mg/l	0.00040	0.00016	1	11/12/24 07:15	11/16/24 10:58	EPA 3005A	1,6020B	MRC
Thallium, Total	0.00162		mg/l	0.00100	0.00014	1	11/12/24 07:15	11/16/24 10:58	EPA 3005A	1,6020B	MRC
Zinc, Total	0.07745		mg/l	0.01000	0.00341	1	11/12/24 07:15	11/16/24 10:58	EPA 3005A	1,6020B	MRC

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-05
Client ID: MW-4S
Sample Location: FISHER RD, EAST SYRACUSE
Date Collected: 11/07/24 10:18
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	11/12/24 07:15	11/16/24 11:03	EPA 3005A	1,6020B	MRC
Arsenic, Total	0.00213		mg/l	0.00050	0.00016	1	11/12/24 07:15	11/16/24 11:03	EPA 3005A	1,6020B	MRC
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	11/12/24 07:15	11/16/24 11:03	EPA 3005A	1,6020B	MRC
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	11/12/24 07:15	11/16/24 11:03	EPA 3005A	1,6020B	MRC
Chromium, Total	0.00047	J	mg/l	0.00100	0.00017	1	11/12/24 07:15	11/16/24 11:03	EPA 3005A	1,6020B	MRC
Copper, Total	0.00064	J	mg/l	0.00100	0.00038	1	11/12/24 07:15	11/16/24 11:03	EPA 3005A	1,6020B	MRC
Lead, Total	ND		mg/l	0.00100	0.00034	1	11/12/24 07:15	11/16/24 11:03	EPA 3005A	1,6020B	MRC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/13/24 16:07	11/14/24 07:44	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00169	J	mg/l	0.00200	0.00055	1	11/12/24 07:15	11/16/24 11:03	EPA 3005A	1,6020B	MRC
Selenium, Total	ND		mg/l	0.00500	0.00173	1	11/12/24 07:15	11/16/24 11:03	EPA 3005A	1,6020B	MRC
Silver, Total	ND		mg/l	0.00040	0.00016	1	11/12/24 07:15	11/16/24 11:03	EPA 3005A	1,6020B	MRC
Thallium, Total	ND		mg/l	0.00100	0.00014	1	11/12/24 07:15	11/16/24 11:03	EPA 3005A	1,6020B	MRC
Zinc, Total	ND		mg/l	0.01000	0.00341	1	11/12/24 07:15	11/16/24 11:03	EPA 3005A	1,6020B	MRC

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-06
Client ID: MW-4D
Sample Location: FISHER RD, EAST SYRACUSE
Date Collected: 11/07/24 10:14
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	11/12/24 07:15	11/16/24 11:07	EPA 3005A	1,6020B	MRC
Arsenic, Total	0.00160		mg/l	0.00050	0.00016	1	11/12/24 07:15	11/16/24 11:07	EPA 3005A	1,6020B	MRC
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	11/12/24 07:15	11/16/24 11:07	EPA 3005A	1,6020B	MRC
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	11/12/24 07:15	11/16/24 11:07	EPA 3005A	1,6020B	MRC
Chromium, Total	0.00061	J	mg/l	0.00100	0.00017	1	11/12/24 07:15	11/16/24 11:07	EPA 3005A	1,6020B	MRC
Copper, Total	0.00292		mg/l	0.00100	0.00038	1	11/12/24 07:15	11/16/24 11:07	EPA 3005A	1,6020B	MRC
Lead, Total	0.00091	J	mg/l	0.00100	0.00034	1	11/12/24 07:15	11/16/24 11:07	EPA 3005A	1,6020B	MRC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/13/24 16:07	11/14/24 07:55	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00237		mg/l	0.00200	0.00055	1	11/12/24 07:15	11/16/24 11:07	EPA 3005A	1,6020B	MRC
Selenium, Total	ND		mg/l	0.00500	0.00173	1	11/12/24 07:15	11/16/24 11:07	EPA 3005A	1,6020B	MRC
Silver, Total	ND		mg/l	0.00040	0.00016	1	11/12/24 07:15	11/16/24 11:07	EPA 3005A	1,6020B	MRC
Thallium, Total	ND		mg/l	0.00100	0.00014	1	11/12/24 07:15	11/16/24 11:07	EPA 3005A	1,6020B	MRC
Zinc, Total	0.01155		mg/l	0.01000	0.00341	1	11/12/24 07:15	11/16/24 11:07	EPA 3005A	1,6020B	MRC

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-07
Client ID: MW-5S
Sample Location: FISHER RD, EAST SYRACUSE
Date Collected: 11/07/24 13:30
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	0.00052	J	mg/l	0.00400	0.00042	1	11/12/24 07:15	11/18/24 14:51	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00380		mg/l	0.00050	0.00016	1	11/12/24 07:15	11/18/24 14:51	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	11/12/24 07:15	11/18/24 14:51	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	11/12/24 07:15	11/18/24 14:51	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00078	J	mg/l	0.00100	0.00017	1	11/12/24 07:15	11/18/24 14:51	EPA 3005A	1,6020B	NTB
Copper, Total	0.00239		mg/l	0.00100	0.00038	1	11/12/24 07:15	11/18/24 14:51	EPA 3005A	1,6020B	NTB
Lead, Total	0.00100		mg/l	0.00100	0.00034	1	11/12/24 07:15	11/18/24 14:51	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/13/24 16:07	11/14/24 07:58	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00229		mg/l	0.00200	0.00055	1	11/12/24 07:15	11/18/24 14:51	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	11/12/24 07:15	11/18/24 14:51	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	11/12/24 07:15	11/18/24 14:51	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	11/12/24 07:15	11/18/24 14:51	EPA 3005A	1,6020B	NTB
Zinc, Total	0.01691		mg/l	0.01000	0.00341	1	11/12/24 07:15	11/18/24 14:51	EPA 3005A	1,6020B	NTB

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-08
Client ID: MW-5D
Sample Location: FISHER RD, EAST SYRACUSE
Date Collected: 11/07/24 13:55
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	11/12/24 07:15	11/18/24 14:55	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.01338		mg/l	0.00050	0.00016	1	11/12/24 07:15	11/18/24 14:55	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	11/12/24 07:15	11/18/24 14:55	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	11/12/24 07:15	11/18/24 14:55	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00075	J	mg/l	0.00100	0.00017	1	11/12/24 07:15	11/18/24 14:55	EPA 3005A	1,6020B	NTB
Copper, Total	0.00118		mg/l	0.00100	0.00038	1	11/12/24 07:15	11/18/24 14:55	EPA 3005A	1,6020B	NTB
Lead, Total	0.00087	J	mg/l	0.00100	0.00034	1	11/12/24 07:15	11/18/24 14:55	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/13/24 16:07	11/14/24 08:01	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00173	J	mg/l	0.00200	0.00055	1	11/12/24 07:15	11/18/24 14:55	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	11/12/24 07:15	11/18/24 14:55	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	11/12/24 07:15	11/18/24 14:55	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	11/12/24 07:15	11/18/24 14:55	EPA 3005A	1,6020B	NTB
Zinc, Total	0.01277		mg/l	0.01000	0.00341	1	11/12/24 07:15	11/18/24 14:55	EPA 3005A	1,6020B	NTB

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-09
Client ID: MW-6S
Sample Location: FISHER RD, EAST SYRACUSE
Date Collected: 11/07/24 10:40
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	11/12/24 07:15	11/18/24 15:00	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.01404		mg/l	0.00050	0.00016	1	11/12/24 07:15	11/18/24 15:00	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	11/12/24 07:15	11/18/24 15:00	EPA 3005A	1,6020B	NTB
Cadmium, Total	0.00007	J	mg/l	0.00020	0.00005	1	11/12/24 07:15	11/18/24 15:00	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00058	J	mg/l	0.00100	0.00017	1	11/12/24 07:15	11/18/24 15:00	EPA 3005A	1,6020B	NTB
Copper, Total	0.00244		mg/l	0.00100	0.00038	1	11/12/24 07:15	11/18/24 15:00	EPA 3005A	1,6020B	NTB
Lead, Total	0.00164		mg/l	0.00100	0.00034	1	11/12/24 07:15	11/18/24 15:00	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/13/24 16:07	11/14/24 08:05	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00305		mg/l	0.00200	0.00055	1	11/12/24 07:15	11/18/24 15:00	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	11/12/24 07:15	11/18/24 15:00	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	11/12/24 07:15	11/18/24 15:00	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	11/12/24 07:15	11/18/24 15:00	EPA 3005A	1,6020B	NTB
Zinc, Total	0.01237		mg/l	0.01000	0.00341	1	11/12/24 07:15	11/18/24 15:00	EPA 3005A	1,6020B	NTB

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-10
Client ID: MW-7S
Sample Location: FISHER RD, EAST SYRACUSE
Date Collected: 11/07/24 11:27
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	11/12/24 07:15	11/18/24 15:05	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00024	J	mg/l	0.00050	0.00016	1	11/12/24 07:15	11/18/24 15:05	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	11/12/24 07:15	11/18/24 15:05	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	11/12/24 07:15	11/18/24 15:05	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00567		mg/l	0.00100	0.00017	1	11/12/24 07:15	11/18/24 15:05	EPA 3005A	1,6020B	NTB
Copper, Total	0.00325		mg/l	0.00100	0.00038	1	11/12/24 07:15	11/18/24 15:05	EPA 3005A	1,6020B	NTB
Lead, Total	0.00100		mg/l	0.00100	0.00034	1	11/12/24 07:15	11/18/24 15:05	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/13/24 16:07	11/14/24 08:08	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00115	J	mg/l	0.00200	0.00055	1	11/12/24 07:15	11/18/24 15:05	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	11/12/24 07:15	11/18/24 15:05	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	11/12/24 07:15	11/18/24 15:05	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	11/12/24 07:15	11/18/24 15:05	EPA 3005A	1,6020B	NTB
Zinc, Total	0.00991	J	mg/l	0.01000	0.00341	1	11/12/24 07:15	11/18/24 15:05	EPA 3005A	1,6020B	NTB

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-11
Client ID: MW-8S
Sample Location: FISHER RD, EAST SYRACUSE
Date Collected: 11/07/24 11:15
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	11/12/24 07:15	11/18/24 15:09	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00679		mg/l	0.00050	0.00016	1	11/12/24 07:15	11/18/24 15:09	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	11/12/24 07:15	11/18/24 15:09	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	11/12/24 07:15	11/18/24 15:09	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00031	J	mg/l	0.00100	0.00017	1	11/12/24 07:15	11/18/24 15:09	EPA 3005A	1,6020B	NTB
Copper, Total	0.00078	J	mg/l	0.00100	0.00038	1	11/12/24 07:15	11/18/24 15:09	EPA 3005A	1,6020B	NTB
Lead, Total	0.00070	J	mg/l	0.00100	0.00034	1	11/12/24 07:15	11/18/24 15:09	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/13/24 16:07	11/14/24 07:21	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00089	J	mg/l	0.00200	0.00055	1	11/12/24 07:15	11/18/24 15:09	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	11/12/24 07:15	11/18/24 15:09	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	11/12/24 07:15	11/18/24 15:09	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	11/12/24 07:15	11/18/24 15:09	EPA 3005A	1,6020B	NTB
Zinc, Total	0.00874	J	mg/l	0.01000	0.00341	1	11/12/24 07:15	11/18/24 15:09	EPA 3005A	1,6020B	NTB

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-12
Client ID: MW-8D
Sample Location: FISHER RD, EAST SYRACUSE
Date Collected: 11/07/24 11:35
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	11/12/24 07:15	11/18/24 15:14	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.01210		mg/l	0.00050	0.00016	1	11/12/24 07:15	11/18/24 15:14	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	11/12/24 07:15	11/18/24 15:14	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	11/12/24 07:15	11/18/24 15:14	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00020	J	mg/l	0.00100	0.00017	1	11/12/24 07:15	11/18/24 15:14	EPA 3005A	1,6020B	NTB
Copper, Total	0.00151		mg/l	0.00100	0.00038	1	11/12/24 07:15	11/18/24 15:14	EPA 3005A	1,6020B	NTB
Lead, Total	0.00097	J	mg/l	0.00100	0.00034	1	11/12/24 07:15	11/18/24 15:14	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/13/24 16:07	11/14/24 08:11	EPA 7470A	1,7470A	JWN
Nickel, Total	ND		mg/l	0.00200	0.00055	1	11/12/24 07:15	11/18/24 15:14	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	11/12/24 07:15	11/18/24 15:14	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	11/12/24 07:15	11/18/24 15:14	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	11/12/24 07:15	11/18/24 15:14	EPA 3005A	1,6020B	NTB
Zinc, Total	0.01453		mg/l	0.01000	0.00341	1	11/12/24 07:15	11/18/24 15:14	EPA 3005A	1,6020B	NTB

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-13
Client ID: MW-9S
Sample Location: FISHER RD, EAST SYRACUSE
Date Collected: 11/07/24 11:30
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	11/12/24 07:15	11/18/24 15:19	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.04119		mg/l	0.00050	0.00016	1	11/12/24 07:15	11/18/24 15:19	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	11/12/24 07:15	11/18/24 15:19	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	11/12/24 07:15	11/18/24 15:19	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00025	J	mg/l	0.00100	0.00017	1	11/12/24 07:15	11/18/24 15:19	EPA 3005A	1,6020B	NTB
Copper, Total	0.00228		mg/l	0.00100	0.00038	1	11/12/24 07:15	11/18/24 15:19	EPA 3005A	1,6020B	NTB
Lead, Total	0.00169		mg/l	0.00100	0.00034	1	11/12/24 07:15	11/18/24 15:19	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/13/24 16:07	11/14/24 08:15	EPA 7470A	1,7470A	JWN
Nickel, Total	0.01705		mg/l	0.00200	0.00055	1	11/12/24 07:15	11/18/24 15:19	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	11/12/24 07:15	11/18/24 15:19	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	11/12/24 07:15	11/18/24 15:19	EPA 3005A	1,6020B	NTB
Thallium, Total	0.00094	J	mg/l	0.00100	0.00014	1	11/12/24 07:15	11/18/24 15:19	EPA 3005A	1,6020B	NTB
Zinc, Total	0.05915		mg/l	0.01000	0.00341	1	11/12/24 07:15	11/18/24 15:19	EPA 3005A	1,6020B	NTB

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-15
Client ID: MW-9D
Sample Location: FISHER RD, EAST SYRACUSE
Date Collected: 11/07/24 12:00
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/l	0.08000	0.00858	20	11/12/24 07:15	11/18/24 15:24	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.01128	J	mg/l	0.02000	0.00660	40	11/12/24 07:15	11/18/24 16:27	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.01000	0.00214	20	11/12/24 07:15	11/18/24 15:24	EPA 3005A	1,6020B	NTB
Cadmium, Total	0.00132	J	mg/l	0.00400	0.00119	20	11/12/24 07:15	11/18/24 15:24	EPA 3005A	1,6020B	NTB
Chromium, Total	0.5704		mg/l	0.02000	0.00356	20	11/12/24 07:15	11/18/24 15:24	EPA 3005A	1,6020B	NTB
Copper, Total	0.03615		mg/l	0.02000	0.00768	20	11/12/24 07:15	11/18/24 15:24	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.02000	0.00686	20	11/12/24 07:15	11/18/24 15:24	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00100	0.00045	1	11/13/24 16:07	11/14/24 08:18	EPA 7470A	1,7470A	JWN
Nickel, Total	0.9014		mg/l	0.04000	0.01112	20	11/12/24 07:15	11/18/24 15:24	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.100	0.0346	20	11/12/24 07:15	11/18/24 15:24	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00800	0.00326	20	11/12/24 07:15	11/18/24 15:24	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.02000	0.00286	20	11/12/24 07:15	11/18/24 15:24	EPA 3005A	1,6020B	NTB
Zinc, Total	0.08857	J	mg/l	0.2000	0.06820	20	11/12/24 07:15	11/18/24 15:24	EPA 3005A	1,6020B	NTB

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-16
Client ID: MW-10S
Sample Location: FISHER RD, EAST SYRACUSE
Date Collected: 11/07/24 14:20
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	11/12/24 07:15	11/18/24 15:28	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00137		mg/l	0.00050	0.00016	1	11/12/24 07:15	11/18/24 15:28	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	11/12/24 07:15	11/18/24 15:28	EPA 3005A	1,6020B	NTB
Cadmium, Total	0.00010	J	mg/l	0.00020	0.00005	1	11/12/24 07:15	11/18/24 15:28	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00483		mg/l	0.00100	0.00017	1	11/12/24 07:15	11/18/24 15:28	EPA 3005A	1,6020B	NTB
Copper, Total	0.00753		mg/l	0.00100	0.00038	1	11/12/24 07:15	11/18/24 15:28	EPA 3005A	1,6020B	NTB
Lead, Total	0.01503		mg/l	0.00100	0.00034	1	11/12/24 07:15	11/18/24 15:28	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/13/24 16:07	11/14/24 08:21	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00292		mg/l	0.00200	0.00055	1	11/12/24 07:15	11/18/24 15:28	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	11/12/24 07:15	11/18/24 15:28	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	11/12/24 07:15	11/18/24 15:28	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	11/12/24 07:15	11/18/24 15:28	EPA 3005A	1,6020B	NTB
Zinc, Total	0.1030		mg/l	0.01000	0.00341	1	11/12/24 07:15	11/18/24 15:28	EPA 3005A	1,6020B	NTB

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-17
Client ID: MW-11D
Sample Location: FISHER RD, EAST SYRACUSE
Date Collected: 11/07/24 13:30
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	11/12/24 07:15	11/18/24 15:49	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.01394		mg/l	0.00050	0.00016	1	11/12/24 07:15	11/18/24 15:49	EPA 3005A	1,6020B	NTB
Beryllium, Total	0.00118		mg/l	0.00050	0.00010	1	11/12/24 07:15	11/18/24 15:49	EPA 3005A	1,6020B	NTB
Cadmium, Total	0.00017	J	mg/l	0.00020	0.00005	1	11/12/24 07:15	11/18/24 15:49	EPA 3005A	1,6020B	NTB
Chromium, Total	2.417		mg/l	0.05000	0.00890	50	11/12/24 07:15	11/18/24 16:40	EPA 3005A	1,6020B	NTB
Copper, Total	0.06234		mg/l	0.00100	0.00038	1	11/12/24 07:15	11/18/24 15:49	EPA 3005A	1,6020B	NTB
Lead, Total	0.07070		mg/l	0.00100	0.00034	1	11/12/24 07:15	11/18/24 15:49	EPA 3005A	1,6020B	NTB
Mercury, Total	0.00031		mg/l	0.00020	0.00009	1	11/13/24 16:07	11/14/24 08:25	EPA 7470A	1,7470A	JWN
Nickel, Total	0.7923		mg/l	0.00200	0.00055	1	11/12/24 07:15	11/18/24 15:49	EPA 3005A	1,6020B	NTB
Selenium, Total	0.0197		mg/l	0.00500	0.00173	1	11/12/24 07:15	11/18/24 15:49	EPA 3005A	1,6020B	NTB
Silver, Total	0.00029	J	mg/l	0.00040	0.00016	1	11/12/24 07:15	11/18/24 15:49	EPA 3005A	1,6020B	NTB
Thallium, Total	0.00055	J	mg/l	0.00100	0.00014	1	11/12/24 07:15	11/18/24 15:49	EPA 3005A	1,6020B	NTB
Zinc, Total	0.1832		mg/l	0.01000	0.00341	1	11/12/24 07:15	11/18/24 15:49	EPA 3005A	1,6020B	NTB

Project Name: T. OF DEWITT LANDFILL MONITORI
Lab Number: L2465263
Project Number: 1128-2024-GW
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-18
Client ID: MW-12S
Sample Location: FISHER RD, EAST SYRACUSE
Date Collected: 11/07/24 14:15
Date Received: 11/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	11/12/24 07:15	11/18/24 15:54	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00116		mg/l	0.00050	0.00016	1	11/12/24 07:15	11/18/24 15:54	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	11/12/24 07:15	11/18/24 15:54	EPA 3005A	1,6020B	NTB
Cadmium, Total	0.00009	J	mg/l	0.00020	0.00005	1	11/12/24 07:15	11/18/24 15:54	EPA 3005A	1,6020B	NTB
Chromium, Total	0.01386		mg/l	0.00100	0.00017	1	11/12/24 07:15	11/18/24 15:54	EPA 3005A	1,6020B	NTB
Copper, Total	0.00488		mg/l	0.00100	0.00038	1	11/12/24 07:15	11/18/24 15:54	EPA 3005A	1,6020B	NTB
Lead, Total	0.00569		mg/l	0.00100	0.00034	1	11/12/24 07:15	11/18/24 15:54	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/13/24 16:07	11/14/24 08:46	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00826		mg/l	0.00200	0.00055	1	11/12/24 07:15	11/18/24 15:54	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	11/12/24 07:15	11/18/24 15:54	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	11/12/24 07:15	11/18/24 15:54	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	11/12/24 07:15	11/18/24 15:54	EPA 3005A	1,6020B	NTB
Zinc, Total	0.1574		mg/l	0.01000	0.00341	1	11/12/24 07:15	11/18/24 15:54	EPA 3005A	1,6020B	NTB

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-13,15-18 Batch: WG1996042-1										
Antimony, Total	ND		mg/l	0.00400	0.00042	1	11/12/24 07:15	11/16/24 10:25	1,6020B	MRC
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	11/12/24 07:15	11/16/24 10:25	1,6020B	MRC
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	11/12/24 07:15	11/16/24 10:25	1,6020B	MRC
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	11/12/24 07:15	11/16/24 10:25	1,6020B	MRC
Chromium, Total	ND		mg/l	0.00100	0.00017	1	11/12/24 07:15	11/16/24 10:25	1,6020B	MRC
Copper, Total	ND		mg/l	0.00100	0.00038	1	11/12/24 07:15	11/16/24 10:25	1,6020B	MRC
Lead, Total	ND		mg/l	0.00100	0.00034	1	11/12/24 07:15	11/16/24 10:25	1,6020B	MRC
Nickel, Total	ND		mg/l	0.00200	0.00055	1	11/12/24 07:15	11/16/24 10:25	1,6020B	MRC
Selenium, Total	ND		mg/l	0.00500	0.00173	1	11/12/24 07:15	11/16/24 10:25	1,6020B	MRC
Silver, Total	ND		mg/l	0.00040	0.00016	1	11/12/24 07:15	11/16/24 10:25	1,6020B	MRC
Thallium, Total	ND		mg/l	0.00100	0.00014	1	11/12/24 07:15	11/16/24 10:25	1,6020B	MRC
Zinc, Total	ND		mg/l	0.01000	0.00341	1	11/12/24 07:15	11/16/24 10:25	1,6020B	MRC

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-13,15-18 Batch: WG1996930-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/13/24 16:07	11/14/24 07:14	1,7470A	JWN

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2024-GW

Lab Number: L2465263

Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-13,15-18 Batch: WG1996042-2								
Antimony, Total	104		-		80-120	-		
Arsenic, Total	106		-		80-120	-		
Beryllium, Total	104		-		80-120	-		
Cadmium, Total	102		-		80-120	-		
Chromium, Total	99		-		80-120	-		
Copper, Total	104		-		80-120	-		
Lead, Total	97		-		80-120	-		
Nickel, Total	104		-		80-120	-		
Selenium, Total	108		-		80-120	-		
Silver, Total	106		-		80-120	-		
Thallium, Total	89		-		80-120	-		
Zinc, Total	104		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-13,15-18 Batch: WG1996930-2								
Mercury, Total	94		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW

Lab Number: L2465263
Report Date: 11/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-13,15-18 QC Batch ID: WG1996042-3 QC Sample: L2465263-03 Client ID: MW-2D												
Antimony, Total	0.00212J	0.5	0.4852	97		-	-		75-125	-		20
Arsenic, Total	0.00027J	0.12	0.1292	108		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.05162	103		-	-		75-125	-		20
Cadmium, Total	0.00006J	0.053	0.05372	101		-	-		75-125	-		20
Chromium, Total	0.03350	0.2	0.2297	98		-	-		75-125	-		20
Copper, Total	0.00359	0.25	0.2517	99		-	-		75-125	-		20
Lead, Total	0.00336	0.53	0.5150	96		-	-		75-125	-		20
Nickel, Total	0.01804	0.5	0.5239	101		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.0266J	**0**	Q	-	-		75-125	-		20
Silver, Total	ND	0.05	0.05196	104		-	-		75-125	-		20
Thallium, Total	ND	0.12	0.1078	90		-	-		75-125	-		20
Zinc, Total	0.03836	0.5	0.5213	96		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-13,15-18 QC Batch ID: WG1996930-3 QC Sample: L2465263-11 Client ID: MW-8S												
Mercury, Total	ND	0.005	0.00450	90		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW

Lab Number: L2465263
Report Date: 11/19/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-13,15-18 QC Batch ID: WG1996042-4 QC Sample: L2465263-03 Client ID: MW-2D						
Antimony, Total	0.00212J	0.00109J	mg/l	NC		20
Arsenic, Total	0.00027J	0.00026J	mg/l	NC		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	0.00006J	ND	mg/l	NC		20
Chromium, Total	0.03350	0.03411	mg/l	2		20
Copper, Total	0.00359	0.00255	mg/l	**34**	Q	20
Lead, Total	0.00336	0.00311	mg/l	8		20
Nickel, Total	0.01804	0.01719	mg/l	5		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Thallium, Total	ND	ND	mg/l	NC		20
Zinc, Total	0.03836	0.03290	mg/l	15		20
Total Metals - Mansfield Lab Associated sample(s): 01-13,15-18 QC Batch ID: WG1996930-4 QC Sample: L2465263-11 Client ID: MW-8S						
Mercury, Total	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW
Lab Number: L2465263
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-01
Client ID: MW-1S
Sample Location: FISHER RD, EAST SYRACUSE
Sample Depth:
Matrix: Water

Date Collected: 11/07/24 14:00
Date Received: 11/07/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Dissolved	1500		mg/l	13	4.0	1.3	-	11/13/24 02:41	121,2540C	DEW

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW
Lab Number: L2465263
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-02
Client ID: MW-2S
Sample Location: FISHER RD, EAST SYRACUSE
Sample Depth:
Matrix: Water
Date Collected: 11/07/24 13:29
Date Received: 11/07/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Dissolved	1600		mg/l	13	4.0	1.3	-	11/13/24 02:40	121,2540C	DEW

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW
Lab Number: L2465263
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-03
Client ID: MW-2D
Sample Location: FISHER RD, EAST SYRACUSE
Sample Depth:
Matrix: Water

Date Collected: 11/07/24 13:41
Date Received: 11/07/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Dissolved	2200		mg/l	13	4.0	1.3	-	11/13/24 02:40	121,2540C	DEW

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW
Lab Number: L2465263
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-04
Client ID: MW-3S
Sample Location: FISHER RD, EAST SYRACUSE
Sample Depth:
Matrix: Water
Date Collected: 11/07/24 14:30
Date Received: 11/07/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Dissolved	2200		mg/l	13	4.0	1.3	-	11/13/24 02:40	121,2540C	DEW

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW
Lab Number: L2465263
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-05
Client ID: MW-4S
Sample Location: FISHER RD, EAST SYRACUSE
Sample Depth:
Matrix: Water
Date Collected: 11/07/24 10:18
Date Received: 11/07/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Dissolved	2900		mg/l	13	4.0	1.3	-	11/13/24 02:40	121,2540C	DEW

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW
Lab Number: L2465263
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-06
Client ID: MW-4D
Sample Location: FISHER RD, EAST SYRACUSE
Sample Depth:
Matrix: Water
Date Collected: 11/07/24 10:14
Date Received: 11/07/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Dissolved	2900		mg/l	13	4.0	1.3	-	11/13/24 02:40	121,2540C	DEW

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW
Lab Number: L2465263
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-07
Client ID: MW-5S
Sample Location: FISHER RD, EAST SYRACUSE
Sample Depth:
Matrix: Water
Date Collected: 11/07/24 13:30
Date Received: 11/07/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Dissolved	2200		mg/l	13	4.0	1.3	-	11/13/24 02:40	121,2540C	DEW

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW
Lab Number: L2465263
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-08
Client ID: MW-5D
Sample Location: FISHER RD, EAST SYRACUSE
Sample Depth:
Matrix: Water

Date Collected: 11/07/24 13:55
Date Received: 11/07/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Dissolved	3200		mg/l	13	4.0	1.3	-	11/13/24 02:40	121,2540C	DEW

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW
Lab Number: L2465263
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-09
Client ID: MW-6S
Sample Location: FISHER RD, EAST SYRACUSE
Sample Depth:
Matrix: Water

Date Collected: 11/07/24 10:40
Date Received: 11/07/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Dissolved	1400		mg/l	13	4.0	1.3	-	11/13/24 02:40	121,2540C	DEW

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW
Lab Number: L2465263
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-10
Client ID: MW-7S
Sample Location: FISHER RD, EAST SYRACUSE
Sample Depth:
Matrix: Water

Date Collected: 11/07/24 11:27
Date Received: 11/07/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Dissolved	1300		mg/l	13	4.0	1.3	-	11/13/24 02:40	121,2540C	DEW

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW
Lab Number: L2465263
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-11
Client ID: MW-8S
Sample Location: FISHER RD, EAST SYRACUSE
Sample Depth:
Matrix: Water

Date Collected: 11/07/24 11:15
Date Received: 11/07/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Dissolved	1200		mg/l	13	4.0	1.3	-	11/13/24 02:40	121,2540C	DEW

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW
Lab Number: L2465263
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-12
Client ID: MW-8D
Sample Location: FISHER RD, EAST SYRACUSE
Sample Depth:
Matrix: Water

Date Collected: 11/07/24 11:35
Date Received: 11/07/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Dissolved	2200		mg/l	13	4.0	1.3	-	11/13/24 02:40	121,2540C	DEW

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW
Lab Number: L2465263
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-13
Client ID: MW-9S
Sample Location: FISHER RD, EAST SYRACUSE
Sample Depth:
Matrix: Water
Date Collected: 11/07/24 11:30
Date Received: 11/07/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Dissolved	1200		mg/l	13	4.0	1.3	-	11/13/24 02:40	121,2540C	DEW

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW
Lab Number: L2465263
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-15
Client ID: MW-9D
Sample Location: FISHER RD, EAST SYRACUSE
Sample Depth:
Matrix: Water

Date Collected: 11/07/24 12:00
Date Received: 11/07/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Dissolved	220000		mg/l	20	6.1	2	-	11/13/24 02:41	121,2540C	DEW

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW
Lab Number: L2465263
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-16
Client ID: MW-10S
Sample Location: FISHER RD, EAST SYRACUSE
Sample Depth:
Matrix: Water
Date Collected: 11/07/24 14:20
Date Received: 11/07/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Dissolved	1400		mg/l	13	4.0	1.3	-	11/13/24 02:41	121,2540C	DEW

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW
Lab Number: L2465263
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-17
Client ID: MW-11D
Sample Location: FISHER RD, EAST SYRACUSE
Sample Depth:
Matrix: Water

Date Collected: 11/07/24 13:30
Date Received: 11/07/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Dissolved	1100		mg/l	13	4.0	1.3	-	11/13/24 02:41	121,2540C	DEW

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW
Lab Number: L2465263
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465263-18
Client ID: MW-12S
Sample Location: FISHER RD, EAST SYRACUSE
Sample Depth:
Matrix: Water
Date Collected: 11/07/24 14:15
Date Received: 11/07/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Dissolved	1200		mg/l	13	4.0	1.3	-	11/13/24 02:41	121,2540C	DEW

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW
Lab Number: L2465263
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01,15-18 Batch: WG1996649-1										
Solids, Total Dissolved	5.0	J	mg/l	10	3.1	1	-	11/13/24 02:41	121,2540C	DEW
General Chemistry - Westborough Lab for sample(s): 02-13 Batch: WG1996650-1										
Solids, Total Dissolved	7.0	J	mg/l	10	3.1	1	-	11/13/24 02:40	121,2540C	DEW

Lab Control Sample Analysis

Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2024-GW

Lab Number: L2465263

Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,15-18 Batch: WG1996649-2								
Solids, Total Dissolved	97		-		80-120	-		
General Chemistry - Westborough Lab Associated sample(s): 02-13 Batch: WG1996650-2								
Solids, Total Dissolved	92		-		80-120	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW

Lab Number: L2465263
Report Date: 11/19/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,15-18 QC Batch ID: WG1996649-3 QC Sample: L2465165-03 Client ID: DUP Sample						
Solids, Total Dissolved	680	620	mg/l	9		10
General Chemistry - Westborough Lab Associated sample(s): 01,15-18 QC Batch ID: WG1996649-4 QC Sample: L2465165-04 Client ID: DUP Sample						
Solids, Total Dissolved	750	750	mg/l	0		10
General Chemistry - Westborough Lab Associated sample(s): 02-13 QC Batch ID: WG1996650-3 QC Sample: L2465263-04 Client ID: MW-3S						
Solids, Total Dissolved	2200	2200	mg/l	0		10
General Chemistry - Westborough Lab Associated sample(s): 02-13 QC Batch ID: WG1996650-4 QC Sample: L2465263-09 Client ID: MW-6S						
Solids, Total Dissolved	1400	1200	mg/l	**15**	Q	10

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW

Lab Number: L2465263
Report Date: 11/19/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2465263-01A	Vial Na2S2O3 preserved	A	NA		3.3	Y	Absent		624.1(3)
L2465263-01B	Vial Na2S2O3 preserved	A	NA		3.3	Y	Absent		624.1(3)
L2465263-01C	Vial Na2S2O3 preserved	A	NA		3.3	Y	Absent		624.1(3)
L2465263-01D	Plastic 250ml unpreserved	A	7	7	3.3	Y	Absent		TDS-2540(7)
L2465263-01E	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		SE-6020T(180),TL-6020T(180),CR-6020T(180),NI-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28)
L2465263-01F	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-01G	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-02A	Vial Na2S2O3 preserved	B	NA		2.7	Y	Absent		624.1(3)
L2465263-02B	Vial Na2S2O3 preserved	B	NA		2.7	Y	Absent		624.1(3)
L2465263-02C	Vial Na2S2O3 preserved	B	NA		2.7	Y	Absent		624.1(3)
L2465263-02D	Plastic 250ml unpreserved	B	7	7	2.7	Y	Absent		TDS-2540(7)
L2465263-02E	Plastic 250ml HNO3 preserved	B	<2	<2	2.7	Y	Absent		SE-6020T(180),TL-6020T(180),CR-6020T(180),NI-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),HG-T(28),CD-6020T(180),AG-6020T(180)
L2465263-02F	Amber 250ml unpreserved	B	7	7	2.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-02G	Amber 250ml unpreserved	B	7	7	2.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-03A	Vial Na2S2O3 preserved	B	NA		2.7	Y	Absent		624.1(3)
L2465263-03B	Vial Na2S2O3 preserved	B	NA		2.7	Y	Absent		624.1(3)
L2465263-03C	Vial Na2S2O3 preserved	B	NA		2.7	Y	Absent		624.1(3)

*Values in parentheses indicate holding time in days

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW

Lab Number: L2465263
Report Date: 11/19/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2465263-03D	Plastic 250ml unpreserved	B	7	7	2.7	Y	Absent		TDS-2540(7)
L2465263-03E	Plastic 250ml HNO3 preserved	B	<2	<2	2.7	Y	Absent		SE-6020T(180),TL-6020T(180),CR-6020T(180),NI-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),HG-T(28),CD-6020T(180)
L2465263-03F	Amber 250ml unpreserved	B	7	7	2.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-03G	Amber 250ml unpreserved	B	7	7	2.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-04A	Vial Na2S2O3 preserved	A	NA		3.3	Y	Absent		624.1(3)
L2465263-04B	Vial Na2S2O3 preserved	A	NA		3.3	Y	Absent		624.1(3)
L2465263-04C	Vial Na2S2O3 preserved	A	NA		3.3	Y	Absent		624.1(3)
L2465263-04D	Plastic 250ml unpreserved	A	7	7	3.3	Y	Absent		TDS-2540(7)
L2465263-04E	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		SE-6020T(180),TL-6020T(180),NI-6020T(180),CR-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28)
L2465263-04F	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-04G	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-05A	Vial Na2S2O3 preserved	C	NA		3.6	Y	Absent		624.1(3)
L2465263-05B	Vial Na2S2O3 preserved	C	NA		3.6	Y	Absent		624.1(3)
L2465263-05C	Vial Na2S2O3 preserved	C	NA		3.6	Y	Absent		624.1(3)
L2465263-05D	Plastic 250ml unpreserved	C	7	7	3.6	Y	Absent		TDS-2540(7)
L2465263-05E	Plastic 250ml HNO3 preserved	C	<2	<2	3.6	Y	Absent		SE-6020T(180),TL-6020T(180),NI-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28)
L2465263-05F	Amber 250ml unpreserved	C	7	7	3.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-05G	Amber 250ml unpreserved	C	7	7	3.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-06A	Vial Na2S2O3 preserved	C	NA		3.6	Y	Absent		624.1(3)
L2465263-06B	Vial Na2S2O3 preserved	C	NA		3.6	Y	Absent		624.1(3)
L2465263-06C	Vial Na2S2O3 preserved	C	NA		3.6	Y	Absent		624.1(3)
L2465263-06D	Plastic 250ml unpreserved	C	7	7	3.6	Y	Absent		TDS-2540(7)

*Values in parentheses indicate holding time in days

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW

Lab Number: L2465263
Report Date: 11/19/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2465263-06E	Plastic 250ml HNO3 preserved	C	<2	<2	3.6	Y	Absent		SE-6020T(180),TL-6020T(180),NI-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28)
L2465263-06F	Amber 250ml unpreserved	C	7	7	3.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-06G	Amber 250ml unpreserved	C	7	7	3.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-07A	Vial Na2S2O3 preserved	A	NA		3.3	Y	Absent		624.1(3)
L2465263-07B	Vial Na2S2O3 preserved	A	NA		3.3	Y	Absent		624.1(3)
L2465263-07C	Vial Na2S2O3 preserved	A	NA		3.3	Y	Absent		624.1(3)
L2465263-07D	Plastic 250ml unpreserved	A	7	7	3.3	Y	Absent		TDS-2540(7)
L2465263-07E	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		SE-6020T(180),TL-6020T(180),CR-6020T(180),NI-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28)
L2465263-07F	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-07G	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-08A	Vial Na2S2O3 preserved	A	NA		3.3	Y	Absent		624.1(3)
L2465263-08B	Vial Na2S2O3 preserved	A	NA		3.3	Y	Absent		624.1(3)
L2465263-08C	Vial Na2S2O3 preserved	A	NA		3.3	Y	Absent		624.1(3)
L2465263-08D	Plastic 250ml unpreserved	A	7	7	3.3	Y	Absent		TDS-2540(7)
L2465263-08E	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		SE-6020T(180),TL-6020T(180),NI-6020T(180),CR-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28)
L2465263-08F	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-08G	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-09A	Vial Na2S2O3 preserved	B	NA		2.7	Y	Absent		624.1(3)
L2465263-09B	Vial Na2S2O3 preserved	B	NA		2.7	Y	Absent		624.1(3)
L2465263-09C	Vial Na2S2O3 preserved	B	NA		2.7	Y	Absent		624.1(3)
L2465263-09D	Plastic 250ml unpreserved	B	7	7	2.7	Y	Absent		TDS-2540(7)

*Values in parentheses indicate holding time in days

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW

Lab Number: L2465263
Report Date: 11/19/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2465263-09E	Plastic 250ml HNO3 preserved	B	<2	<2	2.7	Y	Absent		SE-6020T(180),TL-6020T(180),CR-6020T(180),NI-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),HG-T(28),CD-6020T(180),AG-6020T(180)
L2465263-09F	Amber 250ml unpreserved	B	7	7	2.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-09G	Amber 250ml unpreserved	B	7	7	2.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-10A	Vial Na2S2O3 preserved	B	NA		2.7	Y	Absent		624.1(3)
L2465263-10B	Vial Na2S2O3 preserved	B	NA		2.7	Y	Absent		624.1(3)
L2465263-10C	Vial Na2S2O3 preserved	B	NA		2.7	Y	Absent		624.1(3)
L2465263-10D	Plastic 250ml unpreserved	B	7	7	2.7	Y	Absent		TDS-2540(7)
L2465263-10E	Plastic 250ml HNO3 preserved	B	<2	<2	2.7	Y	Absent		TL-6020T(180),SE-6020T(180),NI-6020T(180),CR-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180)
L2465263-10F	Amber 250ml unpreserved	B	7	7	2.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-10G	Amber 250ml unpreserved	B	7	7	2.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-11A	Vial Na2S2O3 preserved	C	NA		3.6	Y	Absent		624.1(3)
L2465263-11B	Vial Na2S2O3 preserved	C	NA		3.6	Y	Absent		624.1(3)
L2465263-11C	Vial Na2S2O3 preserved	C	NA		3.6	Y	Absent		624.1(3)
L2465263-11D	Plastic 250ml unpreserved	C	7	7	3.6	Y	Absent		TDS-2540(7)
L2465263-11E	Plastic 250ml HNO3 preserved	C	<2	<2	3.6	Y	Absent		TL-6020T(180),SE-6020T(180),NI-6020T(180),CR-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28)
L2465263-11F	Amber 250ml unpreserved	C	7	7	3.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-11G	Amber 250ml unpreserved	C	7	7	3.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-12A	Vial Na2S2O3 preserved	C	NA		3.6	Y	Absent		624.1(3)
L2465263-12B	Vial Na2S2O3 preserved	C	NA		3.6	Y	Absent		624.1(3)
L2465263-12C	Vial Na2S2O3 preserved	C	NA		3.6	Y	Absent		624.1(3)
L2465263-12D	Plastic 250ml unpreserved	C	7	7	3.6	Y	Absent		TDS-2540(7)

*Values in parentheses indicate holding time in days

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW

Lab Number: L2465263
Report Date: 11/19/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2465263-12E	Plastic 250ml HNO3 preserved	C	<2	<2	3.6	Y	Absent		SE-6020T(180),TL-6020T(180),NI-6020T(180),CR-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),AG-6020T(180),HG-T(28),CD-6020T(180)
L2465263-12F	Amber 250ml unpreserved	C	7	7	3.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-12G	Amber 250ml unpreserved	C	7	7	3.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-13A	Vial Na2S2O3 preserved	B	NA		2.7	Y	Absent		624.1(3)
L2465263-13B	Vial Na2S2O3 preserved	B	NA		2.7	Y	Absent		624.1(3)
L2465263-13C	Vial Na2S2O3 preserved	B	NA		2.7	Y	Absent		624.1(3)
L2465263-13D	Plastic 250ml unpreserved	B	7	7	2.7	Y	Absent		TDS-2540(7)
L2465263-13E	Plastic 250ml HNO3 preserved	B	<2	<2	2.7	Y	Absent		TL-6020T(180),SE-6020T(180),CR-6020T(180),NI-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),HG-T(28),CD-6020T(180)
L2465263-13F	Amber 250ml unpreserved	B	7	7	2.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-13G	Amber 250ml unpreserved	B	7	7	2.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-15A	Vial Na2S2O3 preserved	A	NA		3.3	Y	Absent		624.1(3)
L2465263-15B	Vial Na2S2O3 preserved	A	NA		3.3	Y	Absent		624.1(3)
L2465263-15C	Vial Na2S2O3 preserved	A	NA		3.3	Y	Absent		624.1(3)
L2465263-15D	Plastic 250ml unpreserved	A	7	7	3.3	Y	Absent		TDS-2540(7)
L2465263-15E	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		SE-6020T(180),TL-6020T(180),CR-6020T(180),NI-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),HG-T(28),CD-6020T(180),AG-6020T(180)
L2465263-15F	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-15G	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-16A	Vial Na2S2O3 preserved	B	NA		2.7	Y	Absent		624.1(3)
L2465263-16B	Vial Na2S2O3 preserved	B	NA		2.7	Y	Absent		624.1(3)
L2465263-16C	Vial Na2S2O3 preserved	B	NA		2.7	Y	Absent		624.1(3)
L2465263-16D	Plastic 250ml unpreserved	B	7	7	2.7	Y	Absent		TDS-2540(7)

*Values in parentheses indicate holding time in days

Project Name: T. OF DEWITT LANDFILL MONITORI
Project Number: 1128-2024-GW

Lab Number: L2465263
Report Date: 11/19/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2465263-16E	Plastic 250ml HNO3 preserved	B	<2	<2	2.7	Y	Absent		TL-6020T(180),SE-6020T(180),CR-6020T(180),NI-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28)
L2465263-16F	Amber 250ml unpreserved	B	7	7	2.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-16G	Amber 250ml unpreserved	B	7	7	2.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-17A	Vial Na2S2O3 preserved	A	NA		3.3	Y	Absent		624.1(3)
L2465263-17B	Vial Na2S2O3 preserved	A	NA		3.3	Y	Absent		624.1(3)
L2465263-17C	Vial Na2S2O3 preserved	A	NA		3.3	Y	Absent		624.1(3)
L2465263-17D	Plastic 250ml unpreserved	A	7	7	3.3	Y	Absent		TDS-2540(7)
L2465263-17E	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		SE-6020T(180),TL-6020T(180),CR-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28)
L2465263-17F	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-17G	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-18A	Vial Na2S2O3 preserved	C	NA		3.6	Y	Absent		624.1(3)
L2465263-18B	Vial Na2S2O3 preserved	C	NA		3.6	Y	Absent		624.1(3)
L2465263-18C	Vial Na2S2O3 preserved	C	NA		3.6	Y	Absent		624.1(3)
L2465263-18D	Plastic 250ml unpreserved	C	7	7	3.6	Y	Absent		TDS-2540(7)
L2465263-18E	Plastic 250ml HNO3 preserved	C	<2	<2	3.6	Y	Absent		SE-6020T(180),TL-6020T(180),NI-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28)
L2465263-18F	Amber 250ml unpreserved	C	7	7	3.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-18G	Amber 250ml unpreserved	C	7	7	3.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2465263-19A	Vial Na2S2O3 preserved	C	NA		3.6	Y	Absent		624.1(3)
L2465263-19B	Vial Na2S2O3 preserved	C	NA		3.6	Y	Absent		624.1(3)

*Values in parentheses indicate holding time in days

Project Name:	T. OF DEWITT LANDFILL MONITORI	**Lab Number:**	L2465263
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GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

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

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

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

Report Format: DU Report with 'J' Qualifiers

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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

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

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2465263

Project Number: 1128-2024-GW **Report Date:** 11/19/24

REFERENCES

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

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

128 Method 624.1: Purgeables by GC/MS, EPA 821-R-16-008, December 2016.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine, 2,6-Dichlorophenol.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

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

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

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

Date Rec'd in Lab: 11/8/24

L2465263
DEWITT

Client Information

Client: T. of Dewitt c/o Kerrie Fusco
Address: 5400 Butternut Drive
East Syracuse, NY 13057
Phone: (315) 569-2144 cell
Fax:
Email: ggould@gouldgw.com

Project Information

Project Name: T. of Dewitt Landfill Monitoring
Project Location: Fisher Rd, East Syracuse
Project #: 1128-2021-GW
(Use Project name as Project #) ☐
Project Manager: Gerry Gould/Miller Engineers
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	624.1	PP Metals	TDS	1,4 Dioxane	FIELD Readings				Sample Specific Comments	Total Bottles
65263-01	MW-1S	11/7/24	1400	GW	CK	X	X	X	X						5
02	MW-2S	11/7/24	1329	GW	NK	X	X	X	X						5
03	MW-2D	11/7/24	1341	GW	KN	X	X	X	X						5
04	MW-3S	11/7/24	1430	GW	AF	X	X	X	X						5
05	MW-4S	11/7/24	1018	GW	NK	X	X	X	X						5
06	MW-4D	11/7/24	1014	GW	KN	X	X	X	X						5
07	MW-5S	11/7/24	1330	GW	AF	X	X	X	X						5
08	MW-5D	11/7/24	1355	GW	AF	X	X	X	X						5
09	MW-6S	11/7/24	1040	GW	CK	X	X	X	X						5
10	NMW-7S	11/7/24	1127	GW	NK	X	X	X	X						5
	Container Type					V	P	P							
	Preservative					H	C	A							

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Pace	11/7/24 1524	Syracuse Service Center	11/7/24 1524
	11-7-24		11-7-24
	0130	Julie	11/8/24 1:30

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

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

Page 2 of 2

Date Rec'd in Lab: 11/8/24

ALPHA Job #: L2465263

Client Information
Client: T. of Dewitt c/o Kerrie Fusco
Address: 5400 Butternut Drive
East Syracuse, NY 13057
Phone: (315) 569-2144 cell
Fax:
Email: ggould@gouldgw.com

Project Information
Project Name: T. of Dewitt Landfill Monitoring
Project Location: Fisher Rd, East Syracuse
Project #: 1128-2021-GW
(Use Project name as Project #) ☐
Project Manager: Gerry Gould/Miller Engineers
ALPHAQuote #:

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Client Code: DEWITT

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	624.1	PP Metals	TDS	1,4 Dioxane	FIELD Readings				Sample Specific Comments	Total Bottle
65263-11	MW-8S	11/7/24	1115	GW	KN	X	X	X	X						5
12	MW-8D	11/7/24	1135	GW	NK	X	X	X	X						5
13	MW-9S	11/7/24	1130	GW	CK	X	X	X	X						5
14	MW-9M			GW		X	X	X	X						5
15 (14)	MW-9D	11/7/24	1200	GW	CK	X	X	X	X						5
16 (15)	MW-10S	11/7/24	1420	GW	KN	X	X	X	X						5
17 (16)	MW-11D	11/7/24	1330	GW	CK	X	X	X	X						5
18 (17)	MW-12S	11/7/24	1415	GW	NK	X	X	X	X						5
19 (18)	TRIP BLANK	11/7/24				X									2

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V	P	P												
Preservative	H	C	A												

Relinquished By:	Date/Time	Received By:	Date/Time
Pace	11/7/24 1524	Syracuse Service Center	11/7/24 1524
	11-7-24		11-7-24
	11-7-24		11/8/24 1:30

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

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

ANALYTICAL REPORT

Lab Number:	L2465909
Client:	Town of Dewitt 5400 Butternut Drive East Syracuse, NY 13057
ATTN:	Kerri Fusco
Phone:	(315) 446-3392
Project Name:	DEWITT LANDFILL
Project Number:	Not Specified
Report Date:	11/19/24

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

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

Project Name: DEWITT LANDFILL
Project Number: Not Specified

Lab Number: L2465909
Report Date: 11/19/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2465909-01	V-9	SOIL_VAPOR	Not Specified	11/11/24 13:24	11/11/24
L2465909-02	V-10	SOIL_VAPOR	Not Specified	11/11/24 13:29	11/11/24
L2465909-03	V-11	SOIL_VAPOR	Not Specified	11/11/24 13:35	11/11/24
L2465909-04	BLIND DUP	SOIL_VAPOR	Not Specified	11/11/24 13:31	11/11/24

Project Name:	DEWITT LANDFILL	**Lab Number:**	L2465909
Project Number:	Not Specified	**Report Date:**	11/19/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	DEWITT LANDFILL	**Lab Number:**	L2465909
Project Number:	Not Specified	**Report Date:**	11/19/24

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on November 6, 2024. The canister certification data is provided as an addendum.

L2465909-01D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2465909-02D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2465909-03D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2465909-04D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

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

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 11/19/24

AIR

Project Name: DEWITT LANDFILL
Project Number: Not Specified

Lab Number: L2465909
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465909-01 D
Client ID: V-9
Sample Location:

Date Collected: 11/11/24 13:24
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 11/19/24 04:41
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	82.8	4.16	--	409	20.6	--		20.78
Chloromethane	8.58	4.16	--	17.7	8.59	--		20.78
Freon-114	46.7	4.16	--	326	29.1	--		20.78
Vinyl chloride	40.7	4.16	--	104	10.6	--		20.78
1,3-Butadiene	ND	4.16	--	ND	9.20	--		20.78
Bromomethane	ND	4.16	--	ND	16.2	--		20.78
Chloroethane	118	4.16	--	311	11.0	--		20.78
Ethanol	ND	104.	--	ND	196	--		20.78
Vinyl bromide	ND	4.16	--	ND	18.2	--		20.78
Acetone	ND	20.8	--	ND	49.4	--		20.78
Trichlorofluoromethane	106	4.16	--	596	23.4	--		20.78
Isopropanol	15.9	10.4	--	39.1	25.6	--		20.78
1,1-Dichloroethene	ND	4.16	--	ND	16.5	--		20.78
Tertiary butyl Alcohol	ND	10.4	--	ND	31.5	--		20.78
Methylene chloride	ND	10.4	--	ND	36.1	--		20.78
3-Chloropropene	ND	4.16	--	ND	13.0	--		20.78
Carbon disulfide	24.0	4.16	--	74.7	13.0	--		20.78
Freon-113	ND	4.16	--	ND	31.9	--		20.78
trans-1,2-Dichloroethene	ND	4.16	--	ND	16.5	--		20.78
1,1-Dichloroethane	ND	4.16	--	ND	16.8	--		20.78
Methyl tert butyl ether	ND	4.16	--	ND	15.0	--		20.78
2-Butanone	ND	10.4	--	ND	30.7	--		20.78
cis-1,2-Dichloroethene	ND	4.16	--	ND	16.5	--		20.78

Project Name: DEWITT LANDFILL
Project Number: Not Specified

Lab Number: L2465909
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465909-01 D
Client ID: V-9
Sample Location:

Date Collected: 11/11/24 13:24
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	10.4	--	ND	37.5	--		20.78
Chloroform	ND	4.16	--	ND	20.3	--		20.78
Tetrahydrofuran	22.9	10.4	--	67.5	30.7	--		20.78
1,2-Dichloroethane	ND	4.16	--	ND	16.8	--		20.78
n-Hexane	1250	4.16	--	4410	14.7	--		20.78
1,1,1-Trichloroethane	ND	4.16	--	ND	22.7	--		20.78
Benzene	79.3	4.16	--	253	13.3	--		20.78
Carbon tetrachloride	ND	4.16	--	ND	26.2	--		20.78
Cyclohexane	472	4.16	--	1620	14.3	--		20.78
1,2-Dichloropropane	ND	4.16	--	ND	19.2	--		20.78
Bromodichloromethane	ND	4.16	--	ND	27.9	--		20.78
1,4-Dioxane	ND	4.16	--	ND	15.0	--		20.78
Trichloroethene	ND	4.16	--	ND	22.4	--		20.78
2,2,4-Trimethylpentane	334	4.16	--	1560	19.4	--		20.78
Heptane	569	4.16	--	2330	17.0	--		20.78
cis-1,3-Dichloropropene	ND	4.16	--	ND	18.9	--		20.78
4-Methyl-2-pentanone	11.8	10.4	--	48.4	42.6	--		20.78
trans-1,3-Dichloropropene	ND	4.16	--	ND	18.9	--		20.78
1,1,2-Trichloroethane	ND	4.16	--	ND	22.7	--		20.78
Toluene	18.7	4.16	--	70.5	15.7	--		20.78
2-Hexanone	ND	4.16	--	ND	17.0	--		20.78
Dibromochloromethane	ND	4.16	--	ND	35.4	--		20.78
1,2-Dibromoethane	ND	4.16	--	ND	32.0	--		20.78
Tetrachloroethene	ND	4.16	--	ND	28.2	--		20.78
Chlorobenzene	117	4.16	--	539	19.2	--		20.78
Ethylbenzene	166	4.16	--	721	18.1	--		20.78

Project Name: DEWITT LANDFILL
Project Number: Not Specified

Lab Number: L2465909
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465909-01 D
Client ID: V-9
Sample Location:

Date Collected: 11/11/24 13:24
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	37.0	8.31	--	161	36.1	--		20.78
Bromoform	ND	4.16	--	ND	43.0	--		20.78
Styrene	ND	4.16	--	ND	17.7	--		20.78
1,1,2,2-Tetrachloroethane	ND	4.16	--	ND	28.6	--		20.78
o-Xylene	18.4	4.16	--	79.9	18.1	--		20.78
4-Ethyltoluene	ND	4.16	--	ND	20.5	--		20.78
1,3,5-Trimethylbenzene	14.4	4.16	--	70.8	20.5	--		20.78
1,2,4-Trimethylbenzene	14.5	4.16	--	71.3	20.5	--		20.78
Benzyl chloride	ND	4.16	--	ND	21.5	--		20.78
1,3-Dichlorobenzene	ND	4.16	--	ND	25.0	--		20.78
1,4-Dichlorobenzene	7.08	4.16	--	42.6	25.0	--		20.78
1,2-Dichlorobenzene	ND	4.16	--	ND	25.0	--		20.78
1,2,4-Trichlorobenzene	ND	4.16	--	ND	30.9	--		20.78
Naphthalene	ND	4.16	--	ND	21.8	--		20.78
Hexachlorobutadiene	ND	4.16	--	ND	44.4	--		20.78

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	109		60-140
Bromochloromethane	108		60-140
chlorobenzene-d5	126		60-140

Project Name: DEWITT LANDFILL
Project Number: Not Specified

Lab Number: L2465909
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465909-02 D
Client ID: V-10
Sample Location:

Date Collected: 11/11/24 13:29
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 11/19/24 05:18
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	115	5.23	--	569	25.9	--		26.15
Chloromethane	14.4	5.23	--	29.7	10.8	--		26.15
Freon-114	28.0	5.23	--	196	36.6	--		26.15
Vinyl chloride	89.1	5.23	--	228	13.4	--		26.15
1,3-Butadiene	ND	5.23	--	ND	11.6	--		26.15
Bromomethane	ND	5.23	--	ND	20.3	--		26.15
Chloroethane	48.6	5.23	--	128	13.8	--		26.15
Ethanol	ND	131	--	ND	247	--		26.15
Vinyl bromide	ND	5.23	--	ND	22.9	--		26.15
Acetone	ND	26.2	--	ND	62.2	--		26.15
Trichlorofluoromethane	101	5.23	--	568	29.4	--		26.15
Isopropanol	25.3	13.1	--	62.2	32.2	--		26.15
1,1-Dichloroethene	9.88	5.23	--	39.2	20.7	--		26.15
Tertiary butyl Alcohol	ND	13.1	--	ND	39.7	--		26.15
Methylene chloride	ND	13.1	--	ND	45.5	--		26.15
3-Chloropropene	ND	5.23	--	ND	16.4	--		26.15
Carbon disulfide	8.42	5.23	--	26.2	16.3	--		26.15
Freon-113	ND	5.23	--	ND	40.1	--		26.15
trans-1,2-Dichloroethene	ND	5.23	--	ND	20.7	--		26.15
1,1-Dichloroethane	ND	5.23	--	ND	21.2	--		26.15
Methyl tert butyl ether	ND	5.23	--	ND	18.9	--		26.15
2-Butanone	35.4	13.1	--	104	38.6	--		26.15
cis-1,2-Dichloroethene	14.9	5.23	--	59.1	20.7	--		26.15

Project Name: DEWITT LANDFILL
Project Number: Not Specified

Lab Number: L2465909
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465909-02 D
Client ID: V-10
Sample Location:

Date Collected: 11/11/24 13:29
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	13.1	--	ND	47.2	--		26.15
Chloroform	ND	5.23	--	ND	25.5	--		26.15
Tetrahydrofuran	633	13.1	--	1870	38.6	--		26.15
1,2-Dichloroethane	ND	5.23	--	ND	21.2	--		26.15
n-Hexane	1500	5.23	--	5290	18.4	--		26.15
1,1,1-Trichloroethane	ND	5.23	--	ND	28.5	--		26.15
Benzene	93.2	5.23	--	298	16.7	--		26.15
Carbon tetrachloride	ND	5.23	--	ND	32.9	--		26.15
Cyclohexane	368	5.23	--	1270	18.0	--		26.15
1,2-Dichloropropane	ND	5.23	--	ND	24.2	--		26.15
Bromodichloromethane	ND	5.23	--	ND	35.0	--		26.15
1,4-Dioxane	ND	5.23	--	ND	18.8	--		26.15
Trichloroethene	ND	5.23	--	ND	28.1	--		26.15
2,2,4-Trimethylpentane	389	5.23	--	1820	24.4	--		26.15
Heptane	677	5.23	--	2770	21.4	--		26.15
cis-1,3-Dichloropropene	ND	5.23	--	ND	23.7	--		26.15
4-Methyl-2-pentanone	ND	13.1	--	ND	53.7	--		26.15
trans-1,3-Dichloropropene	ND	5.23	--	ND	23.7	--		26.15
1,1,2-Trichloroethane	ND	5.23	--	ND	28.5	--		26.15
Toluene	44.9	5.23	--	169	19.7	--		26.15
2-Hexanone	ND	5.23	--	ND	21.4	--		26.15
Dibromochloromethane	ND	5.23	--	ND	44.6	--		26.15
1,2-Dibromoethane	ND	5.23	--	ND	40.2	--		26.15
Tetrachloroethene	7.14	5.23	--	48.4	35.5	--		26.15
Chlorobenzene	133	5.23	--	613	24.1	--		26.15
Ethylbenzene	301	5.23	--	1310	22.7	--		26.15

Project Name: DEWITT LANDFILL
Project Number: Not Specified

Lab Number: L2465909
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465909-02 D
Client ID: V-10
Sample Location:

Date Collected: 11/11/24 13:29
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	119	10.5	--	517	45.6	--		26.15
Bromoform	ND	5.23	--	ND	54.1	--		26.15
Styrene	ND	5.23	--	ND	22.3	--		26.15
1,1,2,2-Tetrachloroethane	ND	5.23	--	ND	35.9	--		26.15
o-Xylene	46.6	5.23	--	202	22.7	--		26.15
4-Ethyltoluene	ND	5.23	--	ND	25.7	--		26.15
1,3,5-Trimethylbenzene	24.7	5.23	--	121	25.7	--		26.15
1,2,4-Trimethylbenzene	21.9	5.23	--	108	25.7	--		26.15
Benzyl chloride	ND	5.23	--	ND	27.1	--		26.15
1,3-Dichlorobenzene	ND	5.23	--	ND	31.4	--		26.15
1,4-Dichlorobenzene	26.6	5.23	--	160	31.4	--		26.15
1,2-Dichlorobenzene	ND	5.23	--	ND	31.4	--		26.15
1,2,4-Trichlorobenzene	ND	5.23	--	ND	38.8	--		26.15
Naphthalene	ND	5.23	--	ND	27.4	--		26.15
Hexachlorobutadiene	ND	5.23	--	ND	55.8	--		26.15

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	107		60-140
Bromochloromethane	104		60-140
chlorobenzene-d5	116		60-140

Project Name: DEWITT LANDFILL
Project Number: Not Specified

Lab Number: L2465909
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465909-03 D
Client ID: V-11
Sample Location:

Date Collected: 11/11/24 13:35
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 11/19/24 05:54
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	77.4	6.93	--	383	34.3	--		34.63
Chloromethane	7.27	6.93	--	15.0	14.3	--		34.63
Freon-114	36.6	6.93	--	256	48.4	--		34.63
Vinyl chloride	25.6	6.93	--	65.4	17.7	--		34.63
1,3-Butadiene	ND	6.93	--	ND	15.3	--		34.63
Bromomethane	ND	6.93	--	ND	26.9	--		34.63
Chloroethane	68.1	6.93	--	180	18.3	--		34.63
Ethanol	ND	173.	--	ND	326	--		34.63
Vinyl bromide	ND	6.93	--	ND	30.3	--		34.63
Acetone	ND	34.6	--	ND	82.2	--		34.63
Trichlorofluoromethane	105	6.93	--	590	38.9	--		34.63
Isopropanol	19.1	17.3	--	46.9	42.5	--		34.63
1,1-Dichloroethene	ND	6.93	--	ND	27.5	--		34.63
Tertiary butyl Alcohol	ND	17.3	--	ND	52.4	--		34.63
Methylene chloride	ND	17.3	--	ND	60.1	--		34.63
3-Chloropropene	ND	6.93	--	ND	21.7	--		34.63
Carbon disulfide	27.6	6.93	--	85.9	21.6	--		34.63
Freon-113	ND	6.93	--	ND	53.1	--		34.63
trans-1,2-Dichloroethene	ND	6.93	--	ND	27.5	--		34.63
1,1-Dichloroethane	ND	6.93	--	ND	28.0	--		34.63
Methyl tert butyl ether	ND	6.93	--	ND	25.0	--		34.63
2-Butanone	ND	17.3	--	ND	51.0	--		34.63
cis-1,2-Dichloroethene	ND	6.93	--	ND	27.5	--		34.63

Project Name: DEWITT LANDFILL
Project Number: Not Specified

Lab Number: L2465909
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465909-03 D
Client ID: V-11
Sample Location:

Date Collected: 11/11/24 13:35
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	17.3	--	ND	62.3	--		34.63
Chloroform	ND	6.93	--	ND	33.8	--		34.63
Tetrahydrofuran	99.5	17.3	--	293	51.0	--		34.63
1,2-Dichloroethane	ND	6.93	--	ND	28.0	--		34.63
n-Hexane	2130	6.93	--	7510	24.4	--		34.63
1,1,1-Trichloroethane	ND	6.93	--	ND	37.8	--		34.63
Benzene	120	6.93	--	383	22.1	--		34.63
Carbon tetrachloride	ND	6.93	--	ND	43.6	--		34.63
Cyclohexane	442	6.93	--	1520	23.9	--		34.63
1,2-Dichloropropane	ND	6.93	--	ND	32.0	--		34.63
Bromodichloromethane	ND	6.93	--	ND	46.4	--		34.63
1,4-Dioxane	ND	6.93	--	ND	25.0	--		34.63
Trichloroethene	ND	6.93	--	ND	37.2	--		34.63
2,2,4-Trimethylpentane	632	6.93	--	2950	32.4	--		34.63
Heptane	921	6.93	--	3770	28.4	--		34.63
cis-1,3-Dichloropropene	ND	6.93	--	ND	31.5	--		34.63
4-Methyl-2-pentanone	ND	17.3	--	ND	70.9	--		34.63
trans-1,3-Dichloropropene	ND	6.93	--	ND	31.5	--		34.63
1,1,2-Trichloroethane	ND	6.93	--	ND	37.8	--		34.63
Toluene	34.2	6.93	--	129	26.1	--		34.63
2-Hexanone	ND	6.93	--	ND	28.4	--		34.63
Dibromochloromethane	ND	6.93	--	ND	59.0	--		34.63
1,2-Dibromoethane	ND	6.93	--	ND	53.3	--		34.63
Tetrachloroethene	ND	6.93	--	ND	47.0	--		34.63
Chlorobenzene	194	6.93	--	893	31.9	--		34.63
Ethylbenzene	395	6.93	--	1720	30.1	--		34.63

Project Name: DEWITT LANDFILL
Project Number: Not Specified

Lab Number: L2465909
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465909-03 D
Client ID: V-11
Sample Location:

Date Collected: 11/11/24 13:35
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	103	13.8	--	447	59.9	--		34.63
Bromoform	ND	6.93	--	ND	71.7	--		34.63
Styrene	ND	6.93	--	ND	29.5	--		34.63
1,1,2,2-Tetrachloroethane	ND	6.93	--	ND	47.6	--		34.63
o-Xylene	53.6	6.93	--	233	30.1	--		34.63
4-Ethyltoluene	ND	6.93	--	ND	34.1	--		34.63
1,3,5-Trimethylbenzene	64.8	6.93	--	319	34.1	--		34.63
1,2,4-Trimethylbenzene	42.3	6.93	--	208	34.1	--		34.63
Benzyl chloride	ND	6.93	--	ND	35.9	--		34.63
1,3-Dichlorobenzene	ND	6.93	--	ND	41.7	--		34.63
1,4-Dichlorobenzene	43.8	6.93	--	263	41.7	--		34.63
1,2-Dichlorobenzene	ND	6.93	--	ND	41.7	--		34.63
1,2,4-Trichlorobenzene	ND	6.93	--	ND	51.4	--		34.63
Naphthalene	ND	6.93	--	ND	36.3	--		34.63
Hexachlorobutadiene	ND	6.93	--	ND	73.9	--		34.63

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	103		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	104		60-140

Project Name: DEWITT LANDFILL
Project Number: Not Specified

Lab Number: L2465909
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465909-04 D
Client ID: BLIND DUP
Sample Location:

Date Collected: 11/11/24 13:31
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 11/19/24 06:31
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	99.1	5.19	--	490	25.7	--		25.96
Chloromethane	16.2	5.19	--	33.5	10.7	--		25.96
Freon-114	31.6	5.19	--	221	36.3	--		25.96
Vinyl chloride	96.6	5.19	--	247	13.3	--		25.96
1,3-Butadiene	ND	5.19	--	ND	11.5	--		25.96
Bromomethane	ND	5.19	--	ND	20.2	--		25.96
Chloroethane	47.9	5.19	--	126	13.7	--		25.96
Ethanol	ND	130.	--	ND	245	--		25.96
Vinyl bromide	ND	5.19	--	ND	22.7	--		25.96
Acetone	ND	26.0	--	ND	61.8	--		25.96
Trichlorofluoromethane	94.3	5.19	--	530	29.2	--		25.96
Isopropanol	ND	13.0	--	ND	32.0	--		25.96
1,1-Dichloroethene	ND	5.19	--	ND	20.6	--		25.96
Tertiary butyl Alcohol	ND	13.0	--	ND	39.4	--		25.96
Methylene chloride	ND	13.0	--	ND	45.2	--		25.96
3-Chloropropene	ND	5.19	--	ND	16.2	--		25.96
Carbon disulfide	9.63	5.19	--	30.0	16.2	--		25.96
Freon-113	ND	5.19	--	ND	39.8	--		25.96
trans-1,2-Dichloroethene	ND	5.19	--	ND	20.6	--		25.96
1,1-Dichloroethane	ND	5.19	--	ND	21.0	--		25.96
Methyl tert butyl ether	ND	5.19	--	ND	18.7	--		25.96
2-Butanone	ND	13.0	--	ND	38.3	--		25.96
cis-1,2-Dichloroethene	15.3	5.19	--	60.7	20.6	--		25.96

Project Name: DEWITT LANDFILL
Project Number: Not Specified

Lab Number: L2465909
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465909-04 D
Client ID: BLIND DUP
Sample Location:

Date Collected: 11/11/24 13:31
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	13.0	--	ND	46.8	--		25.96
Chloroform	ND	5.19	--	ND	25.3	--		25.96
Tetrahydrofuran	715	13.0	--	2110	38.3	--		25.96
1,2-Dichloroethane	ND	5.19	--	ND	21.0	--		25.96
n-Hexane	1520	5.19	--	5360	18.3	--		25.96
1,1,1-Trichloroethane	ND	5.19	--	ND	28.3	--		25.96
Benzene	103	5.19	--	329	16.6	--		25.96
Carbon tetrachloride	ND	5.19	--	ND	32.6	--		25.96
Cyclohexane	373	5.19	--	1280	17.9	--		25.96
1,2-Dichloropropane	ND	5.19	--	ND	24.0	--		25.96
Bromodichloromethane	ND	5.19	--	ND	34.8	--		25.96
1,4-Dioxane	ND	5.19	--	ND	18.7	--		25.96
Trichloroethene	ND	5.19	--	ND	27.9	--		25.96
2,2,4-Trimethylpentane	403	5.19	--	1880	24.2	--		25.96
Heptane	749	5.19	--	3070	21.3	--		25.96
cis-1,3-Dichloropropene	ND	5.19	--	ND	23.6	--		25.96
4-Methyl-2-pentanone	ND	13.0	--	ND	53.3	--		25.96
trans-1,3-Dichloropropene	ND	5.19	--	ND	23.6	--		25.96
1,1,2-Trichloroethane	ND	5.19	--	ND	28.3	--		25.96
Toluene	48.7	5.19	--	184	19.6	--		25.96
2-Hexanone	ND	5.19	--	ND	21.3	--		25.96
Dibromochloromethane	ND	5.19	--	ND	44.2	--		25.96
1,2-Dibromoethane	ND	5.19	--	ND	39.9	--		25.96
Tetrachloroethene	7.74	5.19	--	52.5	35.2	--		25.96
Chlorobenzene	148	5.19	--	682	23.9	--		25.96
Ethylbenzene	327	5.19	--	1420	22.5	--		25.96

Project Name: DEWITT LANDFILL
Project Number: Not Specified

Lab Number: L2465909
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2465909-04 D
Client ID: BLIND DUP
Sample Location:

Date Collected: 11/11/24 13:31
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	129	10.4	--	560	45.2	--		25.96
Bromoform	ND	5.19	--	ND	53.7	--		25.96
Styrene	ND	5.19	--	ND	22.1	--		25.96
1,1,2,2-Tetrachloroethane	ND	5.19	--	ND	35.6	--		25.96
o-Xylene	50.2	5.19	--	218	22.5	--		25.96
4-Ethyltoluene	ND	5.19	--	ND	25.5	--		25.96
1,3,5-Trimethylbenzene	27.2	5.19	--	134	25.5	--		25.96
1,2,4-Trimethylbenzene	24.5	5.19	--	120	25.5	--		25.96
Benzyl chloride	ND	5.19	--	ND	26.9	--		25.96
1,3-Dichlorobenzene	ND	5.19	--	ND	31.2	--		25.96
1,4-Dichlorobenzene	30.0	5.19	--	180	31.2	--		25.96
1,2-Dichlorobenzene	ND	5.19	--	ND	31.2	--		25.96
1,2,4-Trichlorobenzene	ND	5.19	--	ND	38.5	--		25.96
Naphthalene	ND	5.19	--	ND	27.2	--		25.96
Hexachlorobutadiene	ND	5.19	--	ND	55.4	--		25.96

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	101		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	104		60-140

Project Name: DEWITT LANDFILL
Project Number: Not Specified
Lab Number: L2465909
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 11/18/24 16:06

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG1999083-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: DEWITT LANDFILL
Project Number: Not Specified
Lab Number: L2465909
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 11/18/24 16:06

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG1999083-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: DEWITT LANDFILL
Project Number: Not Specified
Lab Number: L2465909
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 11/18/24 16:06

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG1999083-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: DEWITT LANDFILL
Project Number: Not Specified

Lab Number: L2465909
Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG1999083-3								
Dichlorodifluoromethane	87		-		70-130	-		
Chloromethane	96		-		70-130	-		
Freon-114	105		-		70-130	-		
Vinyl chloride	91		-		70-130	-		
1,3-Butadiene	98		-		70-130	-		
Bromomethane	95		-		70-130	-		
Chloroethane	94		-		70-130	-		
Ethanol	50		-		40-160	-		
Vinyl bromide	90		-		70-130	-		
Acetone	103		-		40-160	-		
Trichlorofluoromethane	91		-		70-130	-		
Isopropanol	97		-		40-160	-		
1,1-Dichloroethene	100		-		70-130	-		
Tertiary butyl Alcohol	92		-		70-130	-		
Methylene chloride	100		-		70-130	-		
3-Chloropropene	118		-		70-130	-		
Carbon disulfide	100		-		70-130	-		
Freon-113	103		-		70-130	-		
trans-1,2-Dichloroethene	99		-		70-130	-		
1,1-Dichloroethane	100		-		70-130	-		
Methyl tert butyl ether	106		-		70-130	-		
2-Butanone	112		-		70-130	-		
cis-1,2-Dichloroethene	101		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: DEWITT LANDFILL
Project Number: Not Specified

Lab Number: L2465909
Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG1999083-3								
Ethyl Acetate	104		-		70-130	-		
Chloroform	93		-		70-130	-		
Tetrahydrofuran	114		-		70-130	-		
1,2-Dichloroethane	87		-		70-130	-		
n-Hexane	102		-		70-130	-		
1,1,1-Trichloroethane	99		-		70-130	-		
Benzene	95		-		70-130	-		
Carbon tetrachloride	91		-		70-130	-		
Cyclohexane	101		-		70-130	-		
1,2-Dichloropropane	102		-		70-130	-		
Bromodichloromethane	97		-		70-130	-		
1,4-Dioxane	102		-		70-130	-		
Trichloroethene	101		-		70-130	-		
2,2,4-Trimethylpentane	102		-		70-130	-		
Heptane	110		-		70-130	-		
cis-1,3-Dichloropropene	108		-		70-130	-		
4-Methyl-2-pentanone	115		-		70-130	-		
trans-1,3-Dichloropropene	110		-		70-130	-		
1,1,2-Trichloroethane	101		-		70-130	-		
Toluene	100		-		70-130	-		
2-Hexanone	112		-		70-130	-		
Dibromochloromethane	114		-		70-130	-		
1,2-Dibromoethane	106		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: DEWITT LANDFILL
Project Number: Not Specified

Lab Number: L2465909
Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG1999083-3								
Tetrachloroethene	89		-		70-130	-		
Chlorobenzene	102		-		70-130	-		
Ethylbenzene	104		-		70-130	-		
p/m-Xylene	106		-		70-130	-		
Bromoform	120		-		70-130	-		
Styrene	112		-		70-130	-		
1,1,2,2-Tetrachloroethane	114		-		70-130	-		
o-Xylene	109		-		70-130	-		
4-Ethyltoluene	115		-		70-130	-		
1,3,5-Trimethylbenzene	116		-		70-130	-		
1,2,4-Trimethylbenzene	118		-		70-130	-		
Benzyl chloride	123		-		70-130	-		
1,3-Dichlorobenzene	112		-		70-130	-		
1,4-Dichlorobenzene	114		-		70-130	-		
1,2-Dichlorobenzene	109		-		70-130	-		
1,2,4-Trichlorobenzene	108		-		70-130	-		
Naphthalene	104		-		70-130	-		
Hexachlorobutadiene	101		-		70-130	-		

Project Name: DEWITT LANDFILL

Lab Number: L2465909

Project Number:

Report Date: 11/19/24

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2465909-01	V-9	135	2.7L Can	11/06/24	492625	L2463169-08	Pass	-30.0	0.0	-	-	-	-
L2465909-02	V-10	3403	2.7L Can	11/06/24	492625	L2462829-02	Pass	-30.0	0.0	-	-	-	-
L2465909-03	V-11	3197	2.7L Can	11/06/24	492625	L2462829-02	Pass	-30.0	0.0	-	-	-	-
L2465909-04	BLIND DUP	3738	2.7L Can	11/06/24	492625	L2462829-02	Pass	-30.0	0.0	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2462829
Report Date: 11/19/24

Air Canister Certification Results

Lab ID: L2462829-02
Client ID: CAN 173 SHELF 10
Sample Location:

Date Collected: 10/26/24 12:00
Date Received: 10/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/29/24 16:31
Analyst: JFI

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2462829
Report Date: 11/19/24

Air Canister Certification Results

Lab ID: L2462829-02
Client ID: CAN 173 SHELF 10
Sample Location:

Date Collected: 10/26/24 12:00
Date Received: 10/28/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2462829
Report Date: 11/19/24

Air Canister Certification Results

Lab ID: L2462829-02
Client ID: CAN 173 SHELF 10
Sample Location:

Date Collected: 10/26/24 12:00
Date Received: 10/28/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2462829
Report Date: 11/19/24

Air Canister Certification Results

Lab ID: L2462829-02
Client ID: CAN 173 SHELF 10
Sample Location:

Date Collected: 10/26/24 12:00
Date Received: 10/28/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2462829
Report Date: 11/19/24

Air Canister Certification Results

Lab ID: L2462829-02
Client ID: CAN 173 SHELF 10
Sample Location:

Date Collected: 10/26/24 12:00
Date Received: 10/28/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	90		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2462829
Report Date: 11/19/24

Air Canister Certification Results

Lab ID: L2462829-02
Client ID: CAN 173 SHELF 10
Sample Location:

Date Collected: 10/26/24 12:00
Date Received: 10/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/29/24 16:31
Analyst: JFI

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2462829
Report Date: 11/19/24

Air Canister Certification Results

Lab ID: L2462829-02
Client ID: CAN 173 SHELF 10
Sample Location:

Date Collected: 10/26/24 12:00
Date Received: 10/28/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2462829

Project Number: CANISTER QC BAT **Report Date:** 11/19/24

Air Canister Certification Results

Lab ID: L2462829-02
Client ID: CAN 173 SHELF 10
Sample Location:

Date Collected: 10/26/24 12:00
Date Received: 10/28/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	90		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	90		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2463169
Report Date: 11/19/24

Air Canister Certification Results

Lab ID: L2463169-08
Client ID: CAN 542 SHELF 2
Sample Location:

Date Collected: 10/30/24 09:00
Date Received: 10/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/31/24 20:29
Analyst: JFI

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2463169
Report Date: 11/19/24

Air Canister Certification Results

Lab ID: L2463169-08
Client ID: CAN 542 SHELF 2
Sample Location:

Date Collected: 10/30/24 09:00
Date Received: 10/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2463169
Report Date: 11/19/24

Air Canister Certification Results

Lab ID: L2463169-08
Client ID: CAN 542 SHELF 2
Sample Location:

Date Collected: 10/30/24 09:00
Date Received: 10/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2463169
Report Date: 11/19/24

Air Canister Certification Results

Lab ID: L2463169-08
Client ID: CAN 542 SHELF 2
Sample Location:

Date Collected: 10/30/24 09:00
Date Received: 10/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2463169
Report Date: 11/19/24

Air Canister Certification Results

Lab ID: L2463169-08
Client ID: CAN 542 SHELF 2
Sample Location:

Date Collected: 10/30/24 09:00
Date Received: 10/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	90		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	92		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2463169
Report Date: 11/19/24

Air Canister Certification Results

Lab ID: L2463169-08
Client ID: CAN 542 SHELF 2
Sample Location:

Date Collected: 10/30/24 09:00
Date Received: 10/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/31/24 20:29
Analyst: JFI

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2463169
Report Date: 11/19/24

Air Canister Certification Results

Lab ID: L2463169-08
Client ID: CAN 542 SHELF 2
Sample Location:

Date Collected: 10/30/24 09:00
Date Received: 10/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2463169

Project Number: CANISTER QC BAT **Report Date:** 11/19/24

Air Canister Certification Results

Lab ID: L2463169-08
Client ID: CAN 542 SHELF 2
Sample Location:

Date Collected: 10/30/24 09:00
Date Received: 10/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	90		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	94		60-140

Project Name: DEWITT LANDFILL
Project Number: Not Specified

Lab Number: L2465909
Report Date: 11/19/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2465909-01A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2465909-02A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2465909-03A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2465909-04A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	DEWITT LANDFILL	**Lab Number:**	L2465909
Project Number:	Not Specified	**Report Date:**	11/19/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	DEWITT LANDFILL	**Lab Number:**	L2465909
Project Number:	Not Specified	**Report Date:**	11/19/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

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

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	DEWITT LANDFILL	**Lab Number:**	L2465909
Project Number:	Not Specified	**Report Date:**	11/19/24

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

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

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: Data Usability Report

Project Name: DEWITT LANDFILL
Project Number: Not Specified
Lab Number: L2465909
Report Date: 11/19/24

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine, 2,6-Dichlorophenol.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

AIR ANALYSIS

PAGE ____ OF ____

CHAIN OF CUSTODY

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

Date Rec'd in Lab: 11/12/24

ALPHA Job #: L2465909

Client Information

Client:

Address: 5400 Butternut
East Syracuse

Phone: 315-569-2144

Fax:

Email:

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Dewitt Landfill

Project Location:

Project #:

Project Manager:

ALPHA Quote #:

Turn-Around Time

☐ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker: ____
(Default based on Regulatory Criteria Indicated)
Other Formats: ____
☐ EMAIL (standard pdf report)
☐ Additional Deliverables:

Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH Subset Non-petroleum HCs	Fixed Gases ☐	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
65909-01	V-9	11-11-24	1323	1324	-22.45	0	SV	AF/CK	2.7L	135	0087	X					
02	V-10	↓	1328	1329	-6.15	↓	SV	↓	↓	3405	0103	X					
03	V-11	↓	1334	1335	-16.92	↓	SV	↓	↓	3197	0016	X					
04	Blind Dup	↓	1330	1331	-11.8	↓	SV	↓	↓	3738	0023	X					

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Relinquished By:	Date/Time	Received By:	Date/Time:
PACE	11/11/24 1444		11/11/24 2100
R Mendoza AAL	11/12/24 0080	R Mendoza AAL	11/12/24 0553
R Mendoza AAL	11/12/24 0725		11/12/24 0725

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions.
See reverse side.