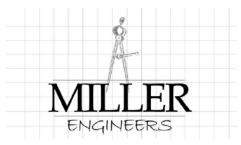
Town of Dewitt Landfill Annual Engineer's Report

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2021 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 July 2022

2021 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 postclosure monitoring activities at the Town of Dewitt Landfill in East Syracuse, New York. This report summarizes post-closure monitoring activities conducted in 2021 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. The results are under review by NYSDEC, and no further action has been required as of July 2022.

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, May, September, November, and December 2021 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 during 2021. Appendix B provides a photographic log of typical conditions observed at the landfill during 2021.

3.1 Final Cover and Vegetation

The site visits revealed healthy growth of grasses across the landfill. The grass cover appeared uniform and healthy over most of the landfill. No woody bushes were observed near the gas vents or in down-chutes and solar panels (see Appendix B, Photos 3, and 6).

Based on these observations, the cover layer and cap material are in good repair and that no deep-rooted plants or ruts are 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 August 2021 visit. All vent screens were free of debris and blockages and appeared to be operating as designed. Observations during the November 2021 visit indicate that solar panel supporting structures and solar system maintenance activities do not interfere with the gas vents.

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 December 13, 2021. 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 2021 site visits the ditches were observed to be unobstructed by the solar array and associated electrical conduit. The drainage features are in good repair with no signs of erosion, fine sediment accumulation, or ponding. 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). In November, 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. 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 and snowmobile 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 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 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 and Routine parameters.

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 March 18, May 26, and September 17, and December 13, 2021.

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 events indicate that there were five SCG exceedances for the metal thallium (SCG of 0.5 ug/l) ranging from 3 to 26 ug/l at SW-1, SW-2, and SW-3. Arsenic exceeded its standard (25 ug/l) five times with concentrations ranging from 70 to 293 ug/l. There were four occurrences of exceedances for antimony (SCG 3ug/l) ranging from 9 to 48 ug/l. Lead exceeded its standard (25 ug/l) four times with concentrations ranging from 48 to 116 ug/l. Cadmium exceeded its standard (5 ug/l) three times with concentrations ranging from 11 ug/l to 68 ug/l. There were single exceedances of nickel, and chromium.

There were no SCG exceedances for any VOCs in any round at locations SW-1, SW-2, and SW-3.

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 full laboratory reports including field observations 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 December 13, 2021.

The 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 nine of the wells. The SCG for arsenic (25ug/l) was exceeded at MW-1S, MW-3S, MW-8D, MW-9S, MW-9M, MW-11D and MW-12S with concentrations ranging from 26 to 284 ug/l. The SCG for chromium (50 ug/l) was exceeded at MW-9D, MW-10S, MW-11D and MW-12S ranging from 81 ug/l to 4,320 ug/l. The SCG for nickel (100 ug/l was exceeded at MW-9D (1,330 ug/l) and MW-11D (669 ug/l). The SCG for lead was exceeded at MW-1S, MW-3S, MW-9D and MW-11D. The SCG for selenium was exceeded at MW-9D and the SCG for zinc was exceeded at MW-12S. No other metals exceeded SCGs at any other wells.

The VOC cis-1,2-dichloroethene exceeded SCGs at MW-4S and MW-4D. Vinyl chloride exceeded SCGs at MW-4S, MW-4D, MW-8S and MW-9M. Trichloroethene exceeded SCGs at MW-4D. No other VOCs exceeded SCGs at any other wells.

The full laboratory report including field observations and quality assurance/quality control data is 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 December 13, 2021, using a GEM 5000+ air analyzer for methane, lower explosive limit, 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-10, V-11 and V-18 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-10, V-11, and V-18. No other analytes exceeded SCGs at the sampled gas vents.

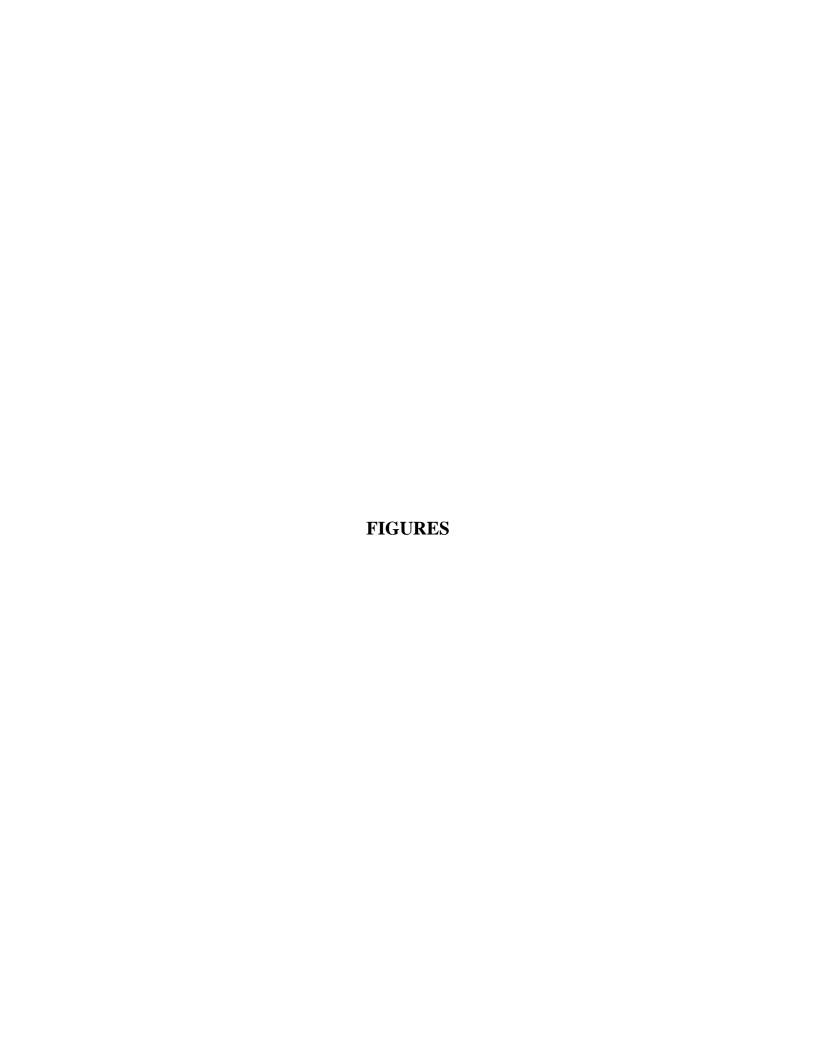
The laboratory results of the gas vent sampling are presented in Table 4. The full laboratory report including field observations and quality assurance/quality control data is presented Appendix D.

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 and vent gas 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.



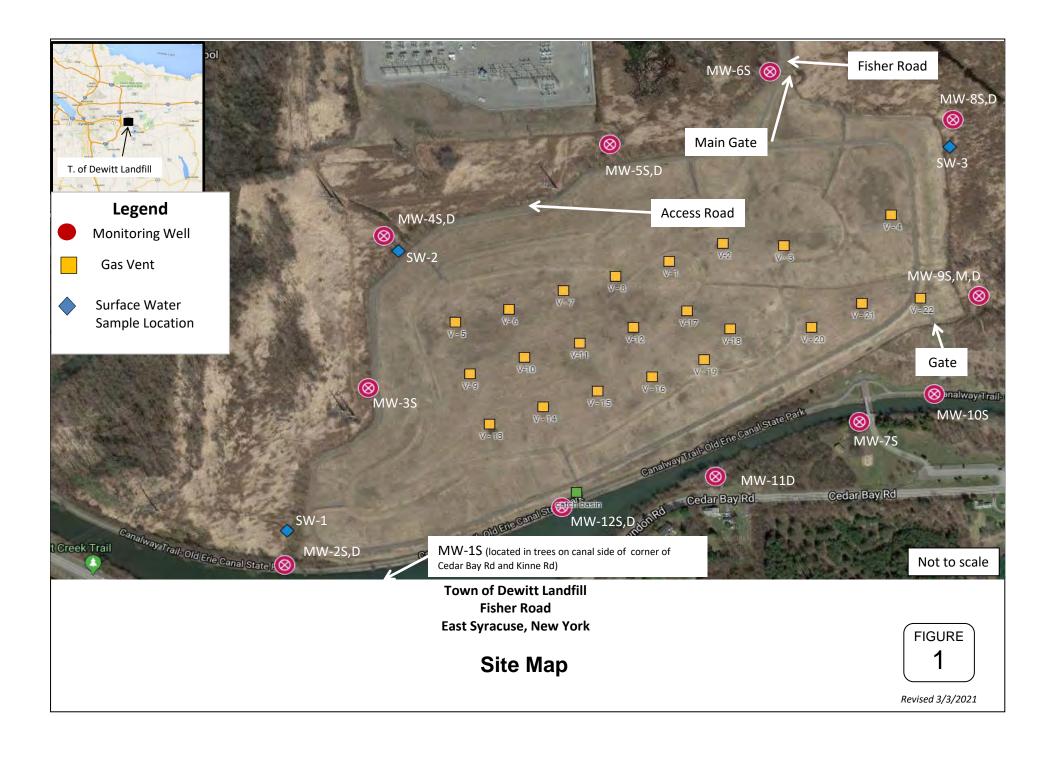




Table 1. Monitoring Well Specifications

Town Of Dewitt Landfill

ID	Well Diameter (inches)	Depth to Bottom (ft below top of casing)	Depth to Water 12/13/2021 (feet below top of casing)
MW-1S	2	21.0	7.72
MW-2S	2	35.5	11.73
MW-2D	2	52.0	10.82
MW-3S	2	35.6	2.74
MW-4S	2	20.0	1.32
MW-4D	2	35.3	0.89
MW-5S	2	26.6	1.91
MW-5D	2	45.0	1.30
MW-6S	2	21.7	3.55
MW-7S	2	22.4	9.62
MW-85*	2	29.2	0.00
MW-8D*	2	61.3	0.00
MW-9S	2	12.4	1.20
MW-9M	2	38.0	1.45
MW-9D**	2	55.0	44.60
MW-10S	2	20.6	9.47
MW-11D	2	39.0	29.65
MW-12S	2	23.0	3.45

^{*} this well flows at times

^{**} this well dry at times

Table 2a. Surface Water Sampling Results SW-1 Town of Dewitt Landfill 2021

SAMPLING DATE			SW-1 3/18/20		SW-1 5/26/20		SW-1 9/17/20		SW-1 12/13/2021		
SAMPLING DATE	scg	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qua	
General Chemistry	300	Units	Nesuits	Quai	Nesuits	Quai	Results	Quai	Results	Qua	
Solids, Total Dissolved		ug/l	430000		1400000		420000		500000		
Total Metals		ω _Β /.	150000		1100000		120000		500000		
Antimony, Total	3	ug/l	50	U	50	U	10	J	50	U	
Arsenic, Total	25	ug/l	5	U	10		71		3	J	
Beryllium, Total	3	ug/l	5	U	5	U	5	U	5	U	
Cadmium, Total	5	ug/l	5	U	3	J	5	U	5	U	
Chromium, Total	50	ug/l	10	U	10	U	2	J	10	U	
Copper, Total	200	ug/l	6	J	11		46		10	U	
Lead, Total	25	ug/l	10	U	8	J	11		4	J	
Mercury, Total	0.7	ug/l	0.2	U	1	U	0.28		0.2	U	
Nickel, Total	100	ug/l	25	U	11	J	14	J	25	U	
Selenium, Total	10	ug/l	10	U	10	U	5	J	10	U	
Silver, Total	50	ug/l	7	U	7	U	7	U	7	U	
Thallium, Total	0.5	ug/l	20	U	20	U	6	J	20	U	
Zinc, Total	2000	ug/l	38	J	149		348		19	J	
Volatile Organics by GC/MS	-	, ,		1		1					
1,1,1-Trichloroethane	5	ug/l	2	U	2	U	2	U	2	U	
1,1,2,2-Tetrachloroethane	5	ug/l	1 1	U	1	U	1	U	1	U	
1,1,2-Trichloroethane	1 5	ug/l	1.5 1.5	U	1.5 1.5	U	1.5 1.5	U	1.5 1.5	U	
1,1-Dichloroethane 1,1-Dichloroethene	5	ug/l ug/l	1.5	U	1.5	U	1.5	U	1.5	U	
1.2-Dichlorobenzene	3	ug/I	5	U	5	U	5	U	5	U	
1,2-Dichloroethane	0.6	ug/I	1.5	U	1.5	U	1.5	U	1.5	U	
1,2-Dichloropropane	1	ug/l	3.5	U	3.5	Ü	3.5	U	3.5	Ü	
1,3-Dichlorobenzene	3	ug/l	5	Ü	5	U	5	Ü	5	U	
1,4-Dichlorobenzene	3	ug/l	5	Ü	5	Ü	5	U	5	U	
2-Butanone	50	ug/l	10	Ü	10	U	10	U	10	U	
2-Chloroethylvinyl ether		ug/l	10	U	10	U	10	U	10	U	
2-Hexanone	50	ug/l	10	U	10	U	10	U	10	U	
4-Methyl-2-pentanone		ug/l	10	U	10	U	10	U	10	U	
Acetone	50	ug/l	10	U	10	U	10	U	10	U	
Acrolein	5	ug/l	8	U	8	U	8	U	8	U	
Acrylonitrile	5	ug/l	10	U	10	U	10	U	10	U	
Benzene	1	ug/l	1	U	1	U	1	U	1	U	
Bromodichloromethane	50	ug/l	1	U	1	U	1	U	1	U	
Bromoform	50	ug/l	1	U	1	U	1	U	1	U	
Bromomethane	5	ug/l	5	U	5	U	5	U	5	U	
Carbon disulfide	60	ug/l	5	U	5	U	5	U	5	U	
Carbon tetrachloride	5	ug/l	1	U	1	U	1	U	1	U	
Chlorobenzene	5	ug/l	3.5	U	0.56	J	3.5	U	3.5	U	
Chloroethane	5	ug/l	2	U	0.71	J	2	U	2	U	
Chloroform	7	ug/l	5	U	1	U	1 5	U	5	U	
Chloromethane cis-1,2-Dichloroethene	5	ug/l ug/l	1	U	5 1	U	1	U	1	U	
cis-1,3-Dichloropropene	0.4	ug/I ug/I	1.5	U	1.5	U	1.5	U	1.5	U	
Dibromochloromethane	50	ug/l	1.5	U	1.5	U	1.3	U	1.5	U	
Dibromomethane	5	ug/I	1	U	1	U	1	U	1	U	
Ethylbenzene	5	ug/l	1	U	1	U	1	U	1	U	
Methylene chloride	5	ug/l	1	U	1	U	1	U	1	U	
o-xylene	5	ug/l	1	U	1	U	1	U	1	U	
p/m-Xylene	5	ug/l	2	U	2	U	2	Ü	2	U	
Styrene	5	ug/l	1	U	1	U	1	U	1	Ü	
Tetrachloroethene	5	ug/l	1	U	1	U	1	U	1	U	
Toluene	5	ug/l	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	
trans-1,3-Dichloropropene	0.4	ug/l	1.5	U	1.5	U	1.5	U	1.5	U	
Trichloroethene	5	ug/l	1	U	1	U	1	U	1	U	
Trichlorofluoromethane	5	ug/l	5	U	5	U	5	U	5	U	
Vinyl acetate		ug/l	10	U	10	U	10	U	10	U	
Vinyl chloride	2	ug/l	1	U	1	U	1	U	1	U	
Xylenes, Total		ug/l	1	U	1	U	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.

- The standard, criteria or guidance value is below the the detection limit. The Reported concentration exceeds the standard, crieteria or guidance value.

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.

Table 2b. **Surface Water Sampling Results** SW-2

Town of Dewitt Landfill 2021

LOCATION			SW-2		SW-2		SW-2		SW-2		
SAMPLING DATE			3/18/20		5/26/20		9/17/2		12/13/2		
Can aval Chamistur	SCG	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	
General Chemistry Solids, Total Dissolved		ug/l	490000		380000		580000		690000		
Total Metals		ug/1	430000		300000		300000	i	030000		
Antimony, Total	3	ug/l	50	U	50	U	9	J	500	U	
Arsenic, Total	25	ug/l	2	J	16		70		123		
Beryllium, Total	3	ug/l	5	U	5	U	2	J	50	U	
Cadmium, Total	5	ug/l	5	U	2	J	2	J	11	J	
Chromium, Total	50	ug/l	10	U	10		55		100	U	
Copper, Total	200	ug/l	4	J	24		155		37	J	
Lead, Total	25	ug/l	10	U	22		104		48	J	
Mercury, Total	0.7	ug/l	0.2	U	0.2	U	0.58		1	U	
Nickel, Total	100	ug/l	5	J	27		130		32	J	
Selenium, Total	10	ug/l	10	U	10 7	U	7	J	100	U	
Silver, Total Thallium, Total	50 0.5	ug/l ug/l	7	J	20	U	3	J	70 200	U	
Zinc, Total	2000	ug/I	25	J	122	U	658	J	306	J	
Volatile Organics by GC/MS	2000	ug/I	23	J	144	L.	030		300	J	
1,1,1-Trichloroethane	5	ug/l	2	U	2	U	2	U	2	U	
1,1,2,2-Tetrachloroethane	5	ug/l	1	U	1	U	1	U	1	U	
1,1,2-Trichloroethane	1	ug/l	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	
1,1-Dichloroethene	5	ug/l	1	U	1	U	1	U	1	U	
1,2-Dichlorobenzene	3	ug/l	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	
1,2-Dichloropropane	1	ug/l	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	
1,4-Dichlorobenzene	3	ug/l	5	U	5	U	5	U	5	U	
2-Butanone	50	ug/l	10	U	10	U	1.2	J	10	U	
2-Chloroethylvinyl ether		ug/l	10	U	10	U	10	U	10	U	
2-Hexanone	50	ug/l	10	U	10	U	10	U	10	U	
4-Methyl-2-pentanone		ug/l	10 10	U	9.9	U	10 32	U	2.7	U J	
Acetone Acrolein	50 5	ug/l ug/l	8	U	8	J	8	U	8	U	
Acrylonitrile	5	ug/I	10	U	10	U	10	U	10	U	
Benzene	1	ug/l	1	Ü	1	U	1	U	1	U	
Bromodichloromethane	50	ug/l	1	U	1	U	1	U	1	U	
Bromoform	50	ug/l	1	Ü	1	U	1	U	1	U	
Bromomethane	5	ug/l	5	U	5	U	5	U	5	U	
Carbon disulfide	60	ug/l	5	U	5	U	5	U	5	U	
Carbon tetrachloride	5	ug/l	1	U	1	U	1	U	1	U	
Chlorobenzene	5	ug/l	3.5	U	3.5	U	3.5	U	3.5	U	
Chloroethane	5	ug/l	2	U	2	U	2	U	2	U	
Chloroform	7	ug/l	1	U	1	U	1	U	1	U	
Chloromethane	<u> </u>	ug/l	5	U	5	U	5	U	5	U	
cis-1,2-Dichloroethene	5	ug/l	1	U	1	U	1	U	11	U	
cis-1,3-Dichloropropene Dibromochloromethane	0.4	ug/l	1.5	U	1.5	U	1.5	U	1.5	U	
Dibromochloromethane Dibromomethane	50 5	ug/l ug/l	1	U	1	U	1	U	1	U	
Ethylbenzene	5	ug/I ug/I	1	U	1	U	1	U	1	U	
Methylene chloride	5	ug/I	1	U	1	U	1	U	1	U	
o-xylene	5	ug/l	1	U	1	U	1	U	1	U	
p/m-Xylene	5	ug/l	2	U	2	U	2	U	2	U	
Styrene	5	ug/l	1	U	1	U	1	U	1	U	
Tetrachloroethene	5	ug/l	1	U	1	U	1	U	1	U	
Toluene	5	ug/l	1	U	0.78	J	0.56	J	1	U	
trans-1,2-Dichloroethene	5	ug/l	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	
Trichloroethene	5	ug/l	1	U	1	U	1	U	1	U	
Trichlorofluoromethane	5	ug/l	5	U	5	U	5	U	5	U	
Vinyl acetate	-	ug/l	10	U	10	U	10	U	10	U	
Vinyl chloride	2	ug/l	1	U	1	U	1	U	11	U	
Xylenes, Total	1	ug/l	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 2c. **Surface Water Sampling Results** SW-3

Town of Dewitt Landfill 2021

LOCATION					SW-3		SW-3		SW-3		
SAMPLING DATE			3/18/20		5/26/20	21	9/17/20		12/13/20	021	
	SCG	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	
General Chemistry											
Solids, Total Dissolved		ug/l	410000		540000		490000		490000		
Total Metals		, ,									
Antimony, Total	3	ug/l	50	U	48	J	12	J	500	U	
Arsenic, Total	25	ug/l	2	J	10	U	69		293		
Beryllium, Total	3	ug/l	5	U	10	U	5	U	50	U	
Cadmium, Total	5	ug/l	5	U	32		5	U	66		
Chromium, Total	50	ug/l	10	U	20	U	10	U	100	U	
Copper, Total	200	ug/l	10		36		48		157		
Lead, Total	25	ug/l	6	J	99		11		116		
Mercury, Total	0.7	ug/l	0.12	J	5	U	0.2		0.52	J	
Nickel, Total	100	ug/l	6	J	68		9	J	250	U	
Selenium, Total	10	ug/l	6	J	10	J	10	J	100	U	
Silver, Total	50	ug/l	7	U	9	J	7	U	70	U	
Thallium, Total	0.5	ug/l	20	U	26	J	16	J	200	U	
Zinc, Total	2000	ug/l	38	J	585		163		736		
Volatile Organics by GC/MS	-	, 1		,. 1				,. 1			
Methylene chloride	5	ug/l	2	U	2	U	2	U	2	U	
1,1-Dichloroethane	5	ug/l	1	U	1	U	1	U	1	U	
Chloroform	7	ug/l	1.5	U	1.5	U	1.5	U	1.5	U	
Carbon tetrachloride	5	ug/l	1.5	U	1.5	U	1.5	U	1.5	U	
1,2-Dichloropropane	1	ug/l	11	U	1	U	11	U	11	U	
Dibromochloromethane	50	ug/l	5	U	5	U	5	U	5	U	
1,1,2-Trichloroethane	1	ug/l	1.5	U	1.5	U	1.5	U	1.5	U	
2-Chloroethylvinyl ether		ug/l	3.5	U	3.5	U	3.5	U	3.5	U	
Tetrachloroethene	5	ug/l	5	U	5	U	5	U	5	U	
Chlorobenzene	5	ug/l	5	U	5	U	5	U	5	U	
Trichlorofluoromethane	5	ug/l	10	U	1.2	J	10	U	10	U	
1,2-Dichloroethane	0.6	ug/l	10	U	10	U	10	U	10	U	
1,1,1-Trichloroethane	5	ug/l	10	U	10	U	10	U	10	U	
Bromodichloromethane	50	ug/l	10	U	10	U	10	U	10	U	
trans-1,3-Dichloropropene	0.4	ug/l	10	U	5.5	J	10	U	8	J	
cis-1,3-Dichloropropene	0.4	ug/l	8	U	8	U	8	U	8	U	
Bromoform	50	ug/l	10	U	10	U	10	U	10	U	
1,1,2,2-Tetrachloroethane	5	ug/l	1	U	1	U	1	U	1	U	
Benzene	1	ug/l	1	U	1	U	1	U	1	U	
Toluene	5	ug/l	1	U	1	U	1	U	1	U	
Ethylbenzene	5	ug/l	5	U	5	U	5	U	5	U	
Chloromethane	_	ug/l	5	U	5	U	5	U	5	U	
Bromomethane	5	ug/l	11	U	1	U	1	U	1	U	
Vinyl chloride	2	ug/l	3.5	U	3.5	U	3.5	U	3.5	U	
Chloroethane	5	ug/l	2	U	2	U	2	U	2	U	
1,1-Dichloroethene	5	ug/l	11	U	11	U	1	U	1	U	
trans-1,2-Dichloroethene	5	ug/l	5	U	5	U	5	U	5	U	
cis-1,2-Dichloroethene	5	ug/l	1	U	1	U	11	U	11	U	
Trichloroethene	5	ug/l	1.5	U	1.5	U	1.5	U	1.5	U	
1,2-Dichlorobenzene	3	ug/l	1	U	1	U	11	U	1	U	
1,3-Dichlorobenzene	3	ug/l	1	U	11	U	11	U	1	U	
1,4-Dichlorobenzene	3	ug/l	1	U	1	U	11	U	1	U	
p/m-Xylene	5	ug/l	11	U	1	U	1	U	1	U	
o-xylene	5	ug/l	1	U	1	U	1	U	1	U	
Xylenes, Total	_	ug/l	2	U	2	U	2	U	2	U	
Styrene	5	ug/l	11	U	11	U	11	U	1	U	
Acetone	50	ug/l	1	U	1	U	1	U	1	U	
Carbon disulfide	60	ug/l	11	U	11	U	3.5	-,.	11	U	
2-Butanone	50	ug/l	1.5	U	1.5	U	1.5	U	1.5	U	
Vinyl acetate	-	ug/l	1.5	U	1.5	U	1.5	U	1.5	U	
4-Methyl-2-pentanone	F0	ug/l	1	U	1	U	1	U	1	U	
2-Hexanone	50	ug/l	5	U	5	U	5	U	5	U	
Acrolein	5	ug/l	10	U	10	U	10	U	10	U	
Acrylonitrile	5	ug/l	1	U	1	U	1	U	1	U	
Dibromomethane	5	ug/l	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.

- The standard, criteria or guidance value is below the the detection limit.
The Reported concentration exceeds the standard, crieteria or guidance value.

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.

Table 3a. Groundwater Sampling Results Shallow Monitoring Wells Town of Dewitt Landfill December 2021

LOCATION SAMPLING DATE			MW-1S 12/13/2021	MW-2S 12/13/2021		MW-3 12/13/202		MW-4S 12/13/2021		MW-55 12/20/2021		MW-69		NMW-75		MW-8 12/13/202		MW-9S 12/13/2021		MW-10:		MW-12:	
T i	NY-AWQS	Units	Results Qua	Results	Qua	Results	Qua	Results	Qua	Results	Qua	Results	Qua	Results	Qua	Results	Qua	Results 2	(ua	Results	Qua	Results	Qual
General Chemistry																							
Solids, Total Dissolved		ug/l	1300000	1400000		2200000		2800000		2300000		1200000		1500000		1100000		1400000		1800000		2300000	
Total Metals					1				line of the		To a City												
Antimony, Total	3	ug/l	500 U		U J	500	U		U	50	U	50	U	50	U	50	U		U	50	U	500	U
Arsenic, Total	25 3	ug/l ug/l	40 J 50 U	5	U	284 50	U	10 5	U	<u>8</u> 5	U	17 5	U	5	U	9 5	U	39 5	U	5	J	43 50	J
Beryllium, Total Cadmium, Total	5	ug/I	50 U		U	50	U		U	5	U	5	U	5	U	5	U		U	5	Ü	50	U
Chromium, Total	50	ug/l	30 U	2	.I	27	J	4	J	10	U	10	U	15	_ 0	10	U		U	192	U	81	J
Copper. Total	200	ug/I	92 J	10	U	31	.1	5	J	10	U	2	J	7	J	10	U		J	33	_	155	
Lead. Total	25	ug/l	30 J	6	.i	72	.i	9	J	6	.1	7	J	7	.i	4	J	6	J	14		77	1
Mercury, Total	0.7	ug/l	1 U		Ü	1	U		Ü	0.14	J	0.2	Ü	0.2	Ü	0.2	U		U	0.2	IJ	1	U
Nickel, Total	100	ug/l	52 J	3	J	40	J	4	J	6	J	5	J	5	J	25	Ü	15	J	19	J	65	J
Selenium, Total	10	ug/l	100 U	10	U	100	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	100	U
Silver, Total	50	ug/l	70 U	7	U	70	U	7	U	7	U	7	U	7	U	7	U	7	U	7	U	70	U
Thallium, Total	0.5	ug/l	200 U	20	U	200	U	20	U	20	U	20	U	20	U	20	U		U	20	U	200	U
Zinc, Total	2000	ug/l	133 J	13	J	141	J	18	J	12	J	15	J	20	J	10	J	35	J	238		6850	
Volatile Organics by GC/MS																							
1,1,1-Trichloroethane	5	ug/l	2 U	2	U	2	U		U	2	U	2	U	2	U	2	U		U	2	U	2	U
1,1,2,2-Tetrachloroethane	5	ug/l	1 U	1	U	1	U		U	1	U	1	U	1	U	1	U		U	1	U	1	U
1,1,2-Trichloroethane	1	ug/l	1.5 U		U	1.5	U		U	1.5	U	1.5	U	1.5	U	1.5	U		U	1.5	U	1.5	U
1,1-Dichloroethane	5	ug/l	1.5 U		U	1.5	U		U	1.5	U	1.5	U	1.5	U	1.5	U		U	1.5	U	1.5	U
1,1-Dichloroethene	5	ug/l	1 U		U	1	U		U	1	U	1	U	1	U	11	U		U	1	U	1	U
1,2-Dichlorobenzene	3	ug/l	5 U		U	5	U		U	5	U	5	U	5	U	5			U	5	U	5	U
1,2-Dichloroethane	0.6	ug/l	1.5 U		U	1.5	U		U	1.5	U	1.5	U	1.5	U	1.5	U		U	1.5	U	1.5	U
1,2-Dichloropropane	1	ug/l	3.5 U		U	3.5	U		U	3.5	U	3.5	U	3.5	U	3.5	U		U	3.5	U	3.5	U
1,3-Dichlorobenzene	3	ug/l	5 U		U	5	U		U	5	U	5	U	5	U	<u>5</u> 5	U		U	<u>5</u>	U	5	U
1,4-Dichlorobenzene 2-Butanone	50	ug/l ug/l	5 U		U	5 10	U		U	5 10	U	5 10	U	5 10	U	10	U		U	10	U	5 10	U
2-Butarione 2-Chloroethylvinyl ether	50	ug/I	10 U		IJ	10	U		U	10	U	10	U	10	U	10	U		U	10	U	10	U
2-Hexanone	50	ug/I	10 U		U	10	U		U	10	U	10	U	10	U	10	U		U	10	U	10	U
4-Methyl-2-pentanone	30	ug/l	10 U		IJ	10	Ü		U	10	U	10	Ü	10	U	10	U		U	10	IJ	10	U
Acetone	50	ug/l	10 U		IJ	10	IJ		IJ	10	IJ	10	IJ	10	IJ	10	IJ		IJ	10	IJ	50	
Acrolein	5	ug/l	8 U		I II	8	U		IJ	8	U	8	ΙÜ	8	U	8	I U		IJ	8	I U	8	- 11
Acrylonitrile	5	ug/l	10 U		IJ	10	IJ		IJ	10	U	10	IJ	10	U	10	U		IJ	10	IJ	10	IJ
Benzene	1	ug/l	1 U	1	Ü	1	U	1	Ü	1	U	1	Ü	1	Ü	1	Ü		U	1	Ü	1	U
Bromodichloromethane	50	ug/l	1 U	1	U	1	U	1	Ü	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromoform	50	ug/l	1 U	1	Ü	1	Ü	1	Ü	1	Ü	1	Ü	1	Ü	1	Ü	1	U	1	Ü	1	Ü
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		U	1	U		U	1	U	1	U	1	U	1	U		U	1	U	1	U
Chlorobenzene	5	ug/l	3.5 U		U	3.5	U		U	3.5	U	3.5	U	3.5	U	3.5	U		U	3.5	U	3.5	U
Chloroethane	5	ug/l	2 U	2	U	2	U		U	2	U	2	U	2	U	2	U		U	2	U	2	U
Chloroform	7	ug/l	1 U		U	1	U		U	1	U	1	U	11	U	1	U		U	1	U	1	U
Chloromethane		ug/l	5 U		U	5	U		U	5	U	5	U	5	U	5	U		U	5	U	5	U
cis-1,2-Dichloroethene	5	ug/l	1 U		U	1 1 5	U			11	U	11	U	1	U	11	U	0.76	J	0.26	J	11	U
cis-1,3-Dichloropropene	0.4	ug/l	1.5 U		U	1.5	U		U	1.5 1	U	1.5 1	U	1.5	U	1.5 1	U		U	1.5 1	U	1.5	U
Dibromochloromethane	50 5	ug/l	1 U		U	1	U		U	1 1	U	1	U	1	U	1	U		U	1 1	U	1	IJ
Dibromomethane Ethylbenzene	5	ug/l ug/l	1 U		U	1	U		U	1	U	1	U	1	U	1	U		U	1	U	1	U
Methylene chloride	5	ug/l	1 U		IJ	1	IJ		U	1	U	-	Ü	1	U	1	U		IJ	1	IJ	+	U
o-xylene	5	ug/l	1 U		Ü	1	Ü		Ü	- i	Ü	1	ŭ	1	Ü	1	Ü		Ü	1	Ü	+	Ü
p/m-Xylene	5	ug/l	2 U		IJ	2	Ü		Ü	2	Ü	2	ŭ	2	Ü	2	Ü		Ü	2	Ü	2	Ü
Styrene	5	ug/l	1 U		IJ		IJ		IJ	1	IJ	1	IJ	1	IJ	1	IJ		IJ	1	IJ	1	IJ
Tetrachloroethene	5	ug/I	1 U		IJ	1	IJ		IJ	1	IJ	1	IJ	1	IJ	1	IJ		IJ	1	IJ	1	IJ
Toluene	5	ug/l	1 U		Ü	1	Ü		U	1	U	1	Ü	1	U	1	Ü		U	1	Ü	1	Ü
trans-1,2-Dichloroethene	5	ug/l	1.5 U	1.5	Ü	1.5	Ü		U	1.5	U	1.5	Ü	1.5	U	1.5	Ü		U	1.5	Ü	1.5	Ü
trans-1,3-Dichloropropene	0.4	ug/l	1.5 U		Ü	1.5	Ü		Ü	1.5	U	1.5	Ū	1.5	U	1.5	U		U	1.5	Ü	1.5	U
Trichloroethene	5	ug/l	1 U		Ü	1	Ū		U	1	U	1	Ü	1	Ü	1	Ü		U	0.47	J	1	Ü
Trichlorofluoromethane	5	ug/l	5 U	5	Ū	5	Ü	5	Ū	5	U	5	Ü	5	Ü	5	U	5	U	5	Ü	5	U
Vinyl acetate		ug/l	10 U	10	U	10	Ū		U	10	U	10	U	10	U	10	U		U	10	U	10	U
Vinyl chloride	2	ug/l	1 U	1	U	1	U			1	U	1	U	1	U	74		0.38	J	1	U	1	U
Xylenes, Total		ug/l	1 U	- 4	U	- 1	IJ	- 1	U	-1	Ш	- 1	IJ	- 1	IJ	- 1	П	-1	Ш	1	IJ	1	U

- 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 December 2021

LOCATION SAMPLING DATE			MW-21 12/13/202		MW-4I 12/13/202		MW-50 12/20/202	_	MW-8I 12/13/202		MW-90 12/13/202		MW-91 12/13/202		MW-11D	
JANN EL DEI TIT (TO)	NV AWOS	Haita							•		• •		•		Results	
Eeneral Chemistry	NY-AWQS	Units	Results	Quа	Results	Qua	Results	Qua	Results	Quа	Results	Qua	Results	Qua	Kesuits	Qual
Solids, Total Dissolved		ug/l	2300000		2900000		3200000		2700000		200000000		1200000		1100000	
otal Metals		ug/i	2000000		2300000		3200000		2700000		20000000		1200000		1100000	
Antimony, Total	3	ug/l	50	U	50	U	50	U	50	U	250	U	50	U	500	U
Arsenic, Total	25	ug/l	4	J	5		14	U	26	U	25	Ü	50	- 0	34	J
Beryllium, Total	3	ug/l	5	Ü	5	U	5	U	5	U	25	Ü	5	U	50	Ü
Cadmium, Total	5	ug/l	5	Ü	5	Ü	5	Ü	5	U	25	Ü	5	Ü	50	Ü
Chromium, Total	50	ug/l	14		10	U	10	U	10	U	2570	-	10	U	4230	
Copper, Total	200	ug/l	4	J	10	U	10	Ü	10	U	91		10	Ü	92	J
Lead, Total	25	ug/l	10	J	10		6	J	6	J	89		5	J	68	J
Mercury, Total	0.7	ug/l	0.2	U	0.2	U	0.2	Ü	0.2	Ü	1	U	0.2	Ü	1	U
Nickel, Total	100	ug/l	8	J	25	Ü	7	J	25	U	1330	U	18	J	669	
Selenium, Total	100	ug/l	10	Ü	10	U	10	Ü	10	U	20	J	10	Ü	100	U
Silver, Total	50	ug/l	7	Ü	7	U	7	Ü	7	U	35	U	7	Ü	70	Ü
Thallium, Total	0.5	ug/l	20	U	20	U	20	U	20	U	100	U	20	U	200	U
Zinc, Total	2000	ug/l	49	J	18	J	13	J	22	J	142	J	44	J	208	J
olatile Organics by GC/MS	2000	ug/1	- 1 0	J	10	J	10	J		J	174	J	77	J	200	J
1,1,1-Trichloroethane	5	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,1,2,2-Tetrachloroethane	5	ug/l	1	Ü	1	Ü	1	Ü	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	1	ug/l	1.5	U	1.5	U										
1,1-Dichloroethane	5	ug/I	1.5	U	1.5	U										
1,1-Dichloroethene	5	ug/I	1.5	U	1.5	U										
1,2-Dichlorobenzene	3	ug/I	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	0.6	ug/I	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	Ü	5.5	U	5.5	Ü	5.5	U	5.5	U	5	U	5	U
· '	3		<u>5</u>	U	5	U	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene 2-Butanone	50	ug/l	10	U	10	U										
	50	ug/l	10	U		U										
2-Chloroethylvinyl ether	50	ug/l	10	U	10 10	U										
2-Hexanone	50	ug/l	10	U		U										
4-Methyl-2-pentanone	50	ug/l	10	U	10	U	10	U	10	U	8.1	J	10	U	10 10	U
Acetone	5	ug/l	8	U	8	U	8	U	8	U	8	U	8	U	8	U
Acrolein		ug/l				U				U		U				U
Acrylonitrile	5 1	ug/l	10 1	U	10	U	10 1	U	10 1	U	10	U	10 1	U	10 1	U
Benzene		ug/l	<u> </u>		<u> </u>	_	1		•	_	1	_			<u> </u>	
Bromodichloromethane	50	ug/l	11	U		U		U	1	U		U	11	U	11	U
Bromoform	50	ug/l	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
Carbon disulfide	60	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Carbon tetrachloride	5	ug/l	1	U	11	U	1	U	1	U	1	U	1	U	1	U
Chlorobenzene	5	ug/l	3.5	U	3.5	U										
Chloroethane	5	ug/l	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
Chloromethane	-	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
cis-1,2-Dichloroethene	5	ug/l	11	U	140		3.5		11	U	1	U	11	U	11	U
cis-1,3-Dichloropropene	0.4	ug/l	1.5	U	1.5	U										
Dibromochloromethane	50	ug/l	1	U	11	U	1	U	1	U	1	U	1	U	1	U
Dibromomethane	5	ug/l	11	U	11	U	1	U	11	U	1	U	1	U	1	U
Ethylbenzene	5	ug/l	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
o-xylene	5	ug/l	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
Styrene	5	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Tetrachloroethene	5	ug/l	1	U	1	U	11	U	11	U	1	U	11	U	1	U
Toluene	5	ug/l	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										
trans-1,3-Dichloropropene	0.4	ug/l	1.5	U	1.5	U										
Trichloroethene	5	ug/l	11	U	21		0.36	J	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
Vinyl acetate		ug/l	10	U	10	U	10	U	10	C	10	U	10	U	10	U
Vinyl chloride	2	ug/l	1	U	5.4		0.98	J	1	С	1	Ω	61		1	U
viiiji oiliollao				U	1	U		U	1	Ū	1	U	1		1	U

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

dry - sample ocation was dry. No sample collected.

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

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

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

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

Table 4. Gas Vent Sampling Results

Town of Dewitt Landfill December 13, 2021

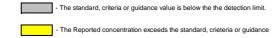
LOCATION					V-10		V-11		V-18	
SAMPLING DATE	1	I			12/13/2		12/13/2		12/13/2	
Valatila Organica in Air	NY-SSC-A	NY-SSC-B	NY-SSC-C	Units	Results	Qual	Results	Qual	Results	Qua
Volatile Organics in Air 1,1,1-Trichloroethane		100		ug/m3	7.8	U	13.6	U	10.9	U
1,1,2,2-Tetrachloroethane		100		ug/m3	9.82	U	17.2	U	13.7	U
1,1,2-Trichloroethane				ug/m3	7.8	U	13.6	U	10.9	U
1,1-Dichloroethane				ug/m3	5.79	U	10.1	U	18.7	
1,1-Dichloroethene	6			ug/m3	5.67	Ü	9.91	Ü	7.93	U
1,2,4-Trichlorobenzene	<u> </u>			ug/m3	10.6	U	18.6	U	14.8	U
1,2,4-Trimethylbenzene				ug/m3	13.5	_	65.9		9.83	Ū
1,2-Dibromoethane				ug/m3	11	U	19.2	U	15.4	U
1,2-Dichlorobenzene				ug/m3	8.6	U	15	U	12	U
1,2-Dichloroethane				ug/m3	5.79	U	10.1	U	8.09	U
1,2-Dichloropropane				ug/m3	6.61	U	11.6	U	9.24	U
1,3,5-Trimethylbenzene				ug/m3	20.5		121		12.3	
1,3-Butadiene				ug/m3	3.16	U	5.53	U	4.42	U
1,3-Dichlorobenzene				ug/m3	8.6	U	15	U	12	U
1,4-Dichlorobenzene				ug/m3	58.7		121		20.4	
1,4-Dioxane				ug/m3	5.15	U	9.01	U	7.21	U
2,2,4-Trimethylpentane				ug/m3	1010		1460		1050	
2-Butanone				ug/m3	10.5	U	18.4	U	14.7	U
2-Hexanone				ug/m3	5.86	U	10.2	U	8.2	U
3-Chloropropene				ug/m3	4.48	U	7.83	U	6.26	U
4-Ethyltoluene				ug/m3	7.03	U	12.3	U	9.83	U
4-Methyl-2-pentanone				ug/m3	14.6	U	25.6	U	20.5	U
Acetone				ug/m3	601		439		118	
Benzene				ug/m3	15.5		34.5		26.4	
Benzyl chloride Bromodichloromethane				ug/m3	7.4	U	12.9	U	10.4	U
				ug/m3	9.58 14.8		16.7 25.8	U	13.4	U
Bromoform Bromomethane				ug/m3 ug/m3	5.55	U	9.71	U	20.7 7.77	U
Carbon disulfide				ug/m3	24.7	- 0	27.6	U	6.23	U
Carbon tetrachloride	6			ug/m3	9	U	15.7	U	12.6	U
Chlorobenzene	-			ug/m3	6.59	U	11.5	U	9.21	U
Chloroethane				ug/m3	44.9	U	60.4	- 0	47.2	
Chloroform				ug/m3	6.98	U	15.9		9.77	U
Chloromethane				ug/m3	28.5	Ŭ	19.2		6.9	
cis-1,2-Dichloroethene	6			ug/m3	5.67	U	9.91	U	7.93	U
cis-1,3-Dichloropropene				ug/m3	6.49	U	11.3	U	9.08	U
Cyclohexane				ug/m3	637		737		695	
Dibromochloromethane				ug/m3	12.2	U	21.3	U	17	U
Dichlorodifluoromethane				ug/m3	325		227		249	
Ethanol				ug/m3	67.3	U	118	U	94.2	U
Ethyl Acetate				ug/m3	12.9	U	22.5	U	18	U
Ethylbenzene				ug/m3	87.3		302		63	
Freon-113				ug/m3	11	U	19.2	U	15.3	U
Freon-114	1			ug/m3	79		85.3		104	
Heptane	1			ug/m3	693		1070		840	
Hexachlorobutadiene	 			ug/m3	15.3	U	26.7	U	21.3	U
Isopropanol	-	ļ		ug/m3	40.8	-,.	23.4		20.3	
Methyl tert butyl ether	1	400		ug/m3	5.16	U	9.01	U	7.21	U
Methylene chloride	 	100		ug/m3	12.4	U	21.7	U	17.4	U
n-Hexane	1	 		ug/m3	2000		3100		2470	
o-Xylene p/m-Xylene	1	 		ug/m3	33.6		69.1		26.4 125	
	1	 		ug/m3 ug/m3	61.7	U	116 10.6	U	8.52	U
Styrene Tertiary butyl Alcohol	 			ug/m3	10.8	U	18.9	U	15.2	U
Tetrachloroethene	1	100		ug/m3	35.5	J	17	U	13.6	U
Tetrahydrofuran	1	100		ug/m3	96.4		29.5	U	14.7	U
Toluene	1			ug/m3	10.4		17.4		109	J
trans-1,2-Dichloroethene	1			ug/m3	5.67	U	9.91	U	7.93	U
trans-1,3-Dichloropropene	1			ug/m3	6.49	U	11.3	U	9.08	U
Trichloroethene	6			ug/m3	7.69	U	13.4	U	10.7	U
Trichlorofluoromethane	Ť			ug/m3	523		489		11.2	U
Vinyl bromide	1			ug/m3	6.25	U	10.9	U	8.74	Ū
Vinyl chloride	1	1	6	ug/m3	62.1		22.3		42.7	

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.

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



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



Appendix A
Inspection and Maintenance Checklist

Town of Dewitt Landfill Inspection and Maintenance Checklist

Inspector(s): _	Gerr	y Gul	d		Date:	11) 10/21	_
Weather:	m, sunny	5LOF	Wind	W	-10-15mph		

Landfill Component	Photos	Observations/Comments
A. Security and Access		
1. Gate(s) secure and locked	/	new gate, double locked
2. Fencing in good repair (no burrows, holes, or bent posts and rails).	/	9000
B. Access Road(s)		
1. Crushed stone or blacktop in tact	/	crushed Stone is firm wet season has caused grass growth
2. No ruts or washouts	~	OIL None
C. Landfill Cap		
1. Mowing status	~	Recently moved. Good grass length for winter
2. Erosion observations		none
3. Settling, flat spots or depressions	/	Slight depressions near
4. Stressed vegetation, bare spots	/	Slight depressions near Some Stressed vege tation due to ponding
5. Deep rooted, woody growth	-	no concerns
D. Gas venting and/or collection		
1. Vents upright and undamaged	/	yes
2. Unobstructed openings	1	yes
3. Settlement and/or boot integrity	-	ok

Town of Dewitt Landfill Inspection and Maintenance Checklist

		1		
Date _	11/	101	51	

E. Surface Water Control		
Swales, ditches and down chutes unobstructed	~	yes
2. Culverts open and clear	V	yes
3. Catch basins and manholes	Sanater	Mountime
F. Monitoring Locations	55.70	
Monitoring Wells locked, labeled and in tact	/	pour accesibility in phragmites tamper danger law
Surface water and/or leachate locations identifiable and accessible.	Alexander (OK

Granst is	healthy.	Soler F	pernels i	n good	
some wet average re	ce o per:	neter r	ood ar	e 900d.	
Some wet	Isoft are	ias on	cap d	ve to aloo	side
average re	ein fall.		,		

Signed: ganll S

Corrective Actions

Inspection Area No.	Solution	Person responsible
vone	Λ	
Regu	rel	
-	7	

Appendix B Photographic Log



Photo 1. Fisher Road access gate facing south – November 2021.



Photo 2. Sothern access road facing SE at perimeter fence and Erie Canal. – November 2021



Photo 3. Gas vent V-22 clear of woody growth. - November 2021.



Photo 4. Surface run-off collection swale on south perimeter, viewing south toward canal. November 2021.



Photo 5. Well established grass, viewing W from east perimeter road. – November 2021.



Photo 6. Down chute on NW corner of landfill is open and clear. Solar panels in background. – November 2021.



Photo 7. Viewing NE at solar panel array. November 2021.



Photo 8. Viewing east at top of landfill and back side of solar array – November 2021.

Appendix C Field Data Sheets

			FIELD OF	BSERVA [*]	TIONS			
Client:	Tow	n of Dewitt			Sample Po	int ID:	sw	/-1
Facility:	Tow	n of Dewitt La	ndfill		Sample Ma	atrix:	sw	
Field Pers	onnel:							
SAMPLING	G INFORMA	TION:						
Date/Time	e:	3/18/21	1045			(Circle	e One)	
Sampling	Method:	3/18/21 Dip C	np		Dedicated:	YES	NO	
Diameter	of Well:		N/A	<u>-</u>	Diameter 1"	Multiply by	y	
Well Dept	h (from top	of PVC):	-	_	2" 3"	0.163 0.367		
Water De	pth (from to	op of PVC):			4" 6"	0.653 1.468		
Length of	Water Colu	mn (LWC):			8"	2.61		
Purge Vol	ume: LWC)	c()x3=			Volume Pu	rged:	NI	<u> </u>
	See Multipli	个 er to input base	ed on Well Dian	neter				
SAMPLING	DATA:							
	Time	Temp. (°C)	pH (std units)	Cond. (Umhos/cm)	Turbidity (NTU)	ORP (Mv)	DO (mg/L)	
	1045	4.8	7.40	0.564	6.71	49.8	9.14	
Weather o	onditions a	t time of samp	ling:	Light	Kain			
	TS & OBSER		Water w			some	solid	5/
		earthy	-					
)						
Date:	3/18/	21	Signature:	55	5	Company:	Alpha An	alytical
1.00	1		-	-			-	

		F	IELD OB	SERVAT	IONS			
Client:	Towi	n of Dewitt			Sample Poir	nt ID:	SW-2_	
Facility:	Town	n of Dewitt Lan	dfill		Sample Ma	trix:	sw	
Field Perso	nnel:							
SAMPLING	INFORMAT	TION:	*					
Date/Time	:	3/18/2	1030			(Circle	One)	
Sampling N	/lethod:	_ Aip	Lip		Dedicated:	YES	NO	
Diameter o	of Well:		N/A		Diameter	Multiply by	3	
		f pure)	1		1" 2"	0.041 0.163		
Well Depth	(from top	of PVC):	-		3"	0.163		
Water Dep	th (from to	p of PVC):			4"	0.653		
	•		-		6"	1.468		
Length of V	Water Colu	mn (LWC):			8"	2.61		
s		x()x 3= 个 er to input base	ed on Well Dian	neter	Volume Pur	ged:	10/10	
SAMPLING	Time	Temp.	рН	Cond.	Turbidity	ORP	DO	
		(°C)	(std units)	(Umhos/cm)		(Mv)	(mg/L)	
		4.2		0.829			6.16	
Weather co	onditions a	t time of samp	ling: Water	Light)	Rain			
			1/1/	hade	1. 6+ 1		1.+	
	rs & obser	EVATIONS:	WHEN	may 5	1911	Drown	1141	-
w/s	one si	olids /	No ode	~				
1		/						
						40 1		
	1	i i			1		_	-
Date:	3/18/	121	Signature:	5 9		Company:	Alpha Analy	vtica
Sections.	- 1		6	-				

			FIELD O	BSERVA	TIONS		
Client:	Tov	vn of Dewitt			Sample Po	oint ID:	SW-3
Facility:	Tov	vn of Dewitt La	ndfill		Sample M	atrix:	sw
Field Per	sonnel:	-					
SAMPLIN	G INFORMA	ATION:					20
Date/Tim	ne:	3/18/2	1 11:00			(Circ	le One)
Sampling	Method:	Dip.	1 11:00 Lup		Dedicated:	YES	NO
Diameter		of Buch	N/A		1"	Multiply I 0.041	ру
well Dep	th (from top	of PVC):	-		2" 3"	0.163 0.367	
Vater De	pth (from to	op of PVC):			4" 6"	0.653	
ength of	Water Colu	mn (LWC):			6" 8"	1.468 2.61	
		x()x 3= 个 er to input base	ed on Well Dian	neter	Volume Pur	ged:	N/A
AMPLING	Time	Temp. (°C)	pH (std units)	Cond. (Umhos/cm)	Turbidity (NTU)	ORP (Mv)	DO (mg/l)
							(mg/L)
	11:00	2.2	7.31	0.762	153,90	55.0	9.43
OMMEN	rs & observ	vations:	Water n	Light R	k bron	n wit	3 solids
1400	31109	musiy () Mex	-			
ate:	3/18,	121	Signature:	9		Company:	Alpha Analytica

		FI	ELD OBS	ERVATION	ONS		
lent:	Town o	f Dewitt		Sa	ample Point	ID:	\$W-1_
cility:	Town o	f Dewitt Land	fill	_ S	ample Matri	x: .	sw
eld Personn	el·	ES					
AMPLING IN	_			_			
ate/Time:			10900			(Circle	One)
		A. C	10900				
ampling Me	thod: _	Dip C	·p	[Dedicated:	YES	NO
lameter of V	Well:		N/A		Diameter I	Multiply by	
W-11 D 41 /				_	1"	0.041	
Well Depth (from top o	f PVC):			2" 3"	0.163 0.367	
Water Depth	(from top	of PVC):			4"	0.653	
					6"	1.468	
Length of W	ater Colum	in (LWC):			8"	2.61	1 ,
Purge Volun	ne: LWCx	()×3=	V		Volume Pur	ged:	N/A
		1					,
Se	e Multiplie	r to input bas	ed on Well Diam	eter			
SAMPLING I	DATA:						
	Time	Temp.	pH	Cond.	Turbidity	ORP	DO
		(°C)	(std units)	(Umhos/cm)	(NTU)	(Mv)	(mg/L)
	0900	17.9	6.63	2.134	61.01	-11.7	2.39
	anditions a	t time of sam	nling:	Clear			
							-
	S & OBSER	VATIONS:	Water w	as turbi	d mud	dy brow	ry colo
COMMENT	h	der				_	
COMMENT	thy o						
comment	ithy o						
comment w/e	ithy o						
comment w/e	ithy o						
~/ e							
~/ e	5/26	121	_ Signature: /	15	5	Compan	y: <u>Alpha</u>

		FIELD O	BSERVA'	TIONS		
Client: Tov	vn of Dewitt	-1-2		Sample Po	oint ID:	sw
Facility:Tov	lity:Town of Dewitt Landfill					sw
Field Personnel:	ES/	PF				V
Date/Time:	5/26/2	1 1450			(Circl	le One)
Sampling Method:	_ Dip	1450 Lup		Dedicated	: YES	NO
Diameter of Well:		N/A		Diameter		ÞΥ
Well Depth (from top	o of PVC):			1" 2"	0.041 0.163	
Water Depth (from t	op of PVC):			3" 4"	0.367 0.653	
ength of Water Colu			-	6" 8"	1.468 2.61	
Purge Volume: LWC See Multipli	1	ed on Well Diar	meter	Volume Pu	rged:	
See Multipli	个 ier to input bas			>		
See Multipli	1	pH (std units)	Cond. (Umhos/cm)	Turbidity	ORP (Mv)	DO (mg/L)
See Multipli AMPLING DATA: Time	个 ier to input bas Temp. (°C)	рН	Cond. (Umhos/cm)	Turbidity (NTU)	ORP (Mv)	

		IELD OB	JENVAI	0143		
Client:Tow	n of Dewitt		1	Sample Poin	it ID:	sw-
Facility:Tow	n of Dewitt Land	dfill		Sample Mat	rix:	sw
Field Personnel:	ES	*				
SAMPLING INFORMA	TION:					
Date/Time:	5/26/2	4 0920 Lup			(Circle	One)
Sampling Method:	Dip.	Lup		Dedicated:	YES	NO
Diameter of Well:		N/A	[Multiply by	I
Well Depth (from top	of PVC):			1" 2"	0.041 0.163	
Water Depth (from t	op of PVC):			3" 4"	0.367 0.653	
Length of Water Colo	ımn (IWC):			6" 8"	1.468 2.61	
Purge Volume: LWC	1	ed on Well Diam	-	Volume Pur	ged:	N/A
SAMPLING DATA:	Temp.	pH	Cond.	Turbidity	ORP	1 00
Time	(°C)	(std units)	(Umhos/cm)	(NTU)	(Mv)	DO (mg/L)
Time						
0920	17.6	7.40	0.791	408.74	-161.8	0.78
0920			0.791 Clen		-161.8	0.78
0920 Weather conditions	at time of samp	oling:	Clen			
0920	at time of samp	oling:				

Field Personnel: SAMPLING INFORMATION: Date/Time: 9/17/21 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): Purge Volume: LWC x () x 3=	Client:	Tow	n of Dewitt			Sample Poi	nt ID:	SW-:
Date/Time: 9/17/21 (Circle One)	Facility:	acility: Town of Dewitt Landfill					trix:	sw_
Date/Time: 9 17 2 \	Field Perso	nnel:	Es/	AF				
Diameter of Well: N	SAMPLING	INFORMA	TION:					
Diameter of Well: Well Depth (from top of PVC): Water Depth (from top of PVC): Under Depth (from top of PVC): Water Depth (from top of PVC): Under Under Depth (from top of PVC): Under Un	Date/Time:		9/17/	21			(Circle	e One)
1" 0.041 2" 0.163 3" 0.367 4" 0.653 6" 1.468 8" 2.61	Sampling Method: Dip Lnp				Dedicated:	YES	NO	
Water Depth (from top of PVC): Length of Water Column (LWC): Purge Volume: LWC x () x 3=	Diameter o	f Well:		N/A	_			y
Water Depth (from top of PVC): Length of Water Column (LWC): Purge Volume: LWC x () x 3=	Well Depth	(from top	of PVC):	-	_			
Length of Water Column (LWC): Purge Volume: LWC x () x 3=	Water Dep	th (from to	p of PVC):				10-30-30	
Purge Volume: LWC x () x 3=			Lange of the lange					
See Multiplier to input based on Well Diameter SAMPLING DATA: Time Temp. pH Cond. Turbidity ORP DO (Std units) (Umhos/cm) (NTU) (MV) (mg/L) 1045 22.86 7.50 0.635 431 -141 4.47 Weather conditions at time of sampling:	Length of V	vater Colu	mn (LWC):	-		8"	2.61	_
Time Temp. pH Cond. Turbidity ORP DO (std units) (Umhos/cm) (NTU) (Mv) (mg/L) 1045 22.86 7.50 0.635 431 -141 4.47 Weather conditions at time of sampling:			1		neter	Volume Pur	ged:	N/V
(°C) (std units) (Umhos/cm) (NTU) (Mv) (mg/L) 1045 22.86 7.50 0.635 431 -141 4.47 Weather conditions at time of sampling:	SAMPLING	DATA:						
Weather conditions at time of sampling:		Time						The Control of the Co
		1045	22.86	7.50	0.635	431	-141	4.47
		anditions a	t time of came	ling	Clar			
1/4/ 11/1/2 0.00	Meather cr	Jiluitions a	t time or samp	- E	-		1	11 4
COMMENTS & OBSERVATIONS: Water was milky brown / mild each	Weather co		EVATIONS:	Water	was mill	ky brow	n/mi	d earl
oder		'S & OBSER						

			FIELD OB	BSERVAT	IONS			
Client:	Town	n of Dewitt			Sample Poin	t ID:	SW-2_	
Facility:	Town	n of Dewitt Lar	ndfill	_	Sample Mat	rix:	sw	
Field Perso	onnel:	ES/	4F					
SAMPLING	INFORMAT	TION:						
Date/Time	e:	09/17	121			(Circle	e One)	
Sampling	Method:	Dip C	tup		Dedicated:	YES	NO	
Diameter		illus	N/A		1"	Multiply b 0.041	y	
Well Dept	h (from top	of PVC):		_	2" 3"	0.163		
Water De	pth (from to	p of PVC):			4"	0.653		
	Part Octavity				6"	1.468		
Length of	Water Colu	mn (LWC):			8"	2.61		
		1	ed on Well Dian	meter	Volume Pur	ged:	10/17	
DAIN EIN	Time	Temp. (°C)	pH (std units)	Cond. (Umhos/cm)	Turbidity (NTU)	ORP (Mv)	DO (mg/L)	
		()	(see anna)				(8/ =/	
	1005	19.83	7.49	1.09	185252	-176	11.40	
		t time of samp		Clear			11	_
	TS & OBSER			ras milley				0.7
earth	4 oder	Horib	a measure	ed NTU	@ 252	visu	al observ	ation
would	seges		t is high					
Date:	9/17	/21	Signature)	57		Company:	Alpha Analy	<u>/tical</u>

Client:	Tow	n of Dewitt		_	Sample Poi	nt ID:	sw-
acility:	Tow	n of Dewitt Lan	dfill		Sample Ma	trix:	sw_
ield Pers	sonnel:	ES / AF					
SAMPLIN	G INFORMA	TION:					
Date/Tim	e:	9/17/21	1035			(Circle	One)
Sampling	Method:	Dip Cop	(Dedicated:	YES	NO
Diameter	of Well:		N/A		Diameter	Multiply by	
		- Martina			1"	0.041	
Well Dept	th (from top	of PVC):			2"	0.163	
.ar.s - 2.ss	and the Total	f DVC)-	- 1		3" 4"	0.367 0.653	
Mataulla	mela leun ma en				4	0.055	1
Nater De	pth (from to	op of PVC):			6"	1 /69	1
ength of	Water Colu				6" 8" Volume Pur	1,468 2.61 ged:	_N/A
ength of Purge Vol	Water Colume: LWC>	mn (LWC): () x 3=	ed on Well Diar	neter	8"	2.61	_N/A
ength of Purge Vol	Water Colume: LWC>	mn (LWC): () x 3=	ed on Well Diar	meter	8" Volume Pur	2.61	_N/A
ength of Purge Vol	Water Colume: LWC>	mn (LWC): () x 3=	pH (std units)	Cond.	8"	2.61	DO (mg/L)
ength of Purge Vol	Water Colume: LWC>	mn (LWC): () x 3=	ed on Well Diar	neter	8"	2.61	_ N/

FIELD OBSERVATIONS

Client:

Town of Dewitt

Date:

12/13/21

Facility:

Town of Dewitt Landfill

Field Personnel: Tom Webskr, Amber Pleischman

Time	Location	%CH4	%CG(LEL)	%CO2	%02	H2S(ppm)	CO(ppm)	ATM. Pres("Hg)	VEL ft/min
1425	Upwind	0.2		0.2	21.1	0	0	29.49	,
1350	V-9	39.9		28.1	4.1	1	1	29 49	22
1426	V-10	32.4		243	0.2	0	1	29 49	67
14,5	V-11	38.6		26.2	0.5	0	2	29.49	66
1413	V-12	30.4		21.2	5.5	1	1	29.49	45
1400	V-18	40.349.1		27.5	1.8	0	1	29.49	87
1407	V-3	54.9		28.5	1.1	1	2	29.48	42
	Downwind	0.2		0.2	20.6	0	0	29.48	_

Notes:

Monitoring Equipment: GEM 5000 Plus

Vcloci - Calc 9565-P

		- I	FIELD OB	SERVAT	TIONS		
Client:	Town	of Dewitt		_	Sample Poin	it ID:	SW
acility:	Town	of Dewitt Lan	dfill	_	Sample Mat	rix:	SV
ield Perso	nnel:						
SAMPLING	INFORMAT	ION:					
Date/Time:		12-13-2	-1			(Circle	One)
Sampling N	/lethod:	12-13-2 Dip	per		Dedicated:	YES	NO
Diameter o	of Well:		-			Multiply by	
Well Depth	(from top-	of PVC):	-	_	1" 2" 3"	0.041 0.163 0.367	
Water Dep	th (from to	p of PVC):			4" 6"	0.653 1.468	
Length of V	Nater Colun	nn (LWC):			8"	2.61	
Purge Volu	ıme: LWC x	()x3=			Volume P	eed:	
S	ee Multiplie	1	ed on Well Dian	neter	Volume Pur	ged:	
	ee Multiplie	1	pH (std units)	Cond.	Turbidity	ORP (Mh)	DO (mg/L)
S	ee Multiplie	个 er to input base Temp.	рН	Cond.	Turbidity	ORP	1000

	RMATION:	andfill 13-21		Sample Poin	risc	SW-2 SW_
Field Personnel: SAMPLING INFOI Date/Time: Sampling Metho	RMATION:			Sample Mat		SW
SAMPLING INFO	RMATION:	13-21			(-)	
Date/Time: Sampling Metho		13-21				
Sampling Metho		13-21			(0)	
	d:	20.2			(Circle	One)
Diameter of Wel		oper		Dedicated:	YES	NO
	l:			Diameter	Multiply by	
				1"	0.041	
Well Depth (free	top of PVC):	-		2"	0.163	
14/ D /6	an ton of OMCI.			3" 4"	0.367 0.653	
water Depth (Tro	om top of PVC):			6"	1.468	
Length of Water	Column (LWC):			8"	2.61	
		ased on Well Dian	neter			_
SAMPLING DATA		Hq	Cond.	Turbidity	ORP	00
,,,	me Temp.	(std units)	(Umhos/cm)		(Mhr)	(mg/L)
15	0 50	7.38	1,250	13238	-133.6	2,53
Weather conditi	ons at time of sa	mpling:	c.L_	ar		
	BSERVATIONS:	wester a				

acility: Town ield Personnel: AMPLING INFORMATI	of Dewitt Lan			Sample Poir	it ID:	SW
		dfill		Sample Mat	rix:	SW
AMPLING INFORMATI						
	ION:					
ate/Time:	12-1	3-21			(Circle	One)
ampling Method:	Dippe	3-21 1		Dedicated:	YES	6
lameter of Well:				Diameter	Multiply by	1
				1"	0.041	1
Vell Depth (from top	OFPVC):			2"	0.163	
				3"	0.367	
Vater Depth (from top	o of PVC):			4"	0.653	1
				6"	1.468	1
ength of Water Colum	nn (LWC):			8"	2.61	1
	r to input base	ed on Well Dian	neter			
AMPLING DATA:	7	1	1 0 1	m 1.1.11	000	1 00
Time	Temp. (°C)	pH (std units)	Cond. (Umhos/cm)	Turbidity (NTU)	ORP (Mv)	DO (mg/L)
		+				-

		FIELD O	BSER	AHON	15	
lient:To	wn of Dewitt			Sample Poir	nt ID:	MW-1
acility:To	wn of Dewitt Land	dfill		Sample Mat	rix:	GW
ield Personnel:	Tom Web	ster				
AMPLING INFOR	MATION:					
ate/Time:	12/13/21	1115	-		(Circle	One)
ampling Method	: Bonil	er		Dedicated:	(ES)	NO
Vater Depth (fro ength of Water (Purge Volume: L'	top of PVC): m top of PVC): Column (LWC): WC x (Z.16) x 3= r er to input based	13.28 13.28 ~G.5 on Well Diar	meter Cond. (Umhos/c	Diameter 1" 2" 3" 4" 6" 8" Volume Pure Turbidity (NTU)	0.041 0.163 0.367 0.653 1.468 2.61 ORP (Mv)	_ (G-5"
112.5	11.3	7.16	m) 1955	104.97	396	317
1125	11.3	7./6	1955 Clea	104.92	39.6	3.17

Town	of Dewitt			Sample Poin	it ID:	MW-
Town	of Dewitt Lan	dfill		Sample Mat	rix:	GW_
onnel:	Ben Wagr	ner				
INFORM	ATION:					
1	12/13/21	1/20			(Circle	e One)
Method:	Bailer			Dedicated:	YES	NO
of Well:		2"		Diameter	Multiply by	
h (from to	p of PVC):	35.50		1" 2"	0.041 0.163	
oth (from	top of PVC):	_11.73		4"	0.653	
Water Col	umn (LWC):	23.77	,	6" 8"	1.468 2.61	
ume: LWC	с х (3.87) х з=			Volume Pur	ged:	~11.6
Multiplier	to input based	on Well Diar	neter			
DATA:						
Time	Temp. (°C)	pH (std units)	Cond. (Umhos/c m)	Turbidity (NTU)	ORP (Mv)	DO (mg/L)
1135	13.2	7.11	1897	36.1	-116.1	2.99
conditions	at time of san	npling:	Clear			
TS & OBSI	ERVATIONS:	Water	depth	at time	of so	ampling
		teend.				0
	Town onnel: i INFORM i: Wethod: of Well: h (from to oth (from water Col ume: LWC Multiplier i DATA: Time	innel: Ben Wage innel: Ben Wage innel: 12/13/21 Wethod: Bailer of Well: In (from top of PVC): Water Column (LWC): Water Column (LWC): Water Column (LWC): Innel: LWC x (3.87) x 3= Multiplier to input based DATA: Time Temp. (°C)	Town of Dewitt Landfill Den Wagner INFORMATION: Inform	Town of Dewitt Landfill Dennel: Ben Wagner SINFORMATION: SINFO	Town of Dewitt Landfill Sample Mater Sint Of Well: Dedicated: 12/13/21 1/20 Wethod: Bailer Dedicated: 11 Diameter 1" 2" 3" 4" 6" Water Column (LWC): 23.77 Water Column (LWC): 23.77 Wulliplier to input based on Well Diameter Sint Data: Time Temp. (°C) Time Temp. (°C) Turbidity (NTU) MI 135 13.2 7.11 1897 36.1	Town of Dewitt Landfill Sample Matrix: Deficited: Sinformation: Sinformation:

Client:	Tow	n of Dewitt			Sample Poin	it ID:	MW-2
Facility:	Tow	n of Dewitt Lan	dfill		Sample Mat	rix:	GW
Field Per	rsonnel:	Ben Wagn	er				
SAMPLII	NG INFORM	IATION:					
Date/Tir	me:	12/13/21	1100			· (Circle	One)
Samplin	g Method:	Bailer			Dedicated:	YES	NO
	er of Well:		2"		Diameter	Multiply by	1
Well De	pth (from to	op of PVC):	52.60		1" 2" 3"	0.041 0.163 0.367	
Water D	epth (from	top of PVC):	10.82		4" 6"	0.653 1.468	
Length o	of Water Co	lumn (LWC):	41.18		8"	2.61	
		Cx(6,71)x3=			Volume Pur	ged:	~ 20
Se		C x (6.71) x 3= Triporto input based Temp. (°C)	on Well Diar	Cond. (Umhos/c	Turbidity	ORP (Mv)	~ 20
Se	ee Multiplier	↑ r to input based Temp.	on Well Diar	meter Cond.	Turbidity	ORP	

ewitt		Sample Poir	it ID:	MW-3S
ewitt Landfill		Sample Mat	rix:	GW
n Wagner v:				
3/2021 133	6 1215		(Circle	One)
Ier		Dedicated:	YES	NO
FPVC): 2.74 (LWC): 32.8 (LWC): 30.8 (ameter Cond. (Umhos/c	Turbidity	0.041 0.163 0.367 0.653 1.468 2.61	~/G DO (mg/L)
7.10		442.4	16.7	3.76
	i: $3/2021 133$ ICV $2''$ 35.0 2.74 2.8 (LWC): 32.8 (LWC): 32.8 (ut based on Well Different (std units)	1: $3/2021$ 1336 1215 1CV 2" 2" 2" 2 . 74 [LWC): 32.86 34) x 3= ~ 16 Out based on Well Diameter Temp. (°C) (std units) (Umhos/c m)	I: 3/2021 1336 12/5 ICV Dedicated: 2" 2" 3" 4" 6" (LWC): 32.86 Out based on Well Diameter Temp. (°C) (std units) (Umhos/c (NTU) (NTU) m)	1: $3/2021$ 1330 12/5 (Circle 1CV Dedicated: VES) 2

t:	Town of Dewitt			Sample Poir	nt ID:	MW-4
ity:	Town of Dewitt Lan	dfill		Sample Mat	rix:	GW_
Personnel	Tom Wel	oster				
PLING INFO	DRMATION:					
/Time:	12/13/21	1252			(Circl	e One)
pling Metho	od: Bailer			Dedicated:	VES	NO
neter of We	ell:	2"		Diameter	Multiply by	V
	. Cauch	24		1"	0.041	
Depth (fro	m top of PVC):	20.00	2	2" 3"	0.163 0.367	
er Denth (fi	om top of PVC):	1.32		4"	0.653	1
c. 50pu. (o top o. 1 v oj.			6"	1.468	
th of Wate	r Column (LWC):	18.68		8"	2.61	
e Volume:	LWC x (3.64) x 3:	= <u>4.15</u>		Volume Pur	ged:	~ <u>9,13</u>
	个 plier to input based			Volume Pur	ged: ^	~ <u>9,13</u>
See Multi	个 olier to input based A:		neter Cond.	Volume Pur Turbidity (NTU)	ORP (Mv)	~_ <u>9, 13</u> DO (mg/L)
See Multi	polier to input based A: Temp. (°C)	on Well Diar	Cond. (Umhos/c m)	Turbidity	ORP (Mv)	DO (mg/L)

Town	n of Dewitt			Sample Poin	t ID:	MW-4
:Town	n of Dewitt Land	dfill		Sample Mat	rix:	GW
ersonnel:	Tom Web	ster/Ambo	y Fleischi	nan		
NG INFORM	ATION:					
ime:	12/13/21	1255			(Circle	One)
ng Method:	Bailer			Dedicated:	YES	NO
er of Well:		2"		Diameter	Multiply by	1
epth (from to	op of PVC):	35.3		1" 2" 3"	0.041 0.163 0.367	
Depth (from	top of PVC):	0.80	ì	4" 6"	0.653 1.468	
as Masau Ca	lumn (LWC):	34.4		8"	2.61	
	C×(5.6)×3=			Volume Purg	ged:	~ 16.8
/olume: LW		= 16.8	meter Cond.		orp (Mv)	~ 6.8
olume: LW	C x (5 · (,) x 3= 个 to input based Temp.	on Well Diar	neter Cond. (Umhos/c	Volume Purg	ORP	

Client:	Town	of Dewitt			Sample Poin	t ID:	MW-5
Facility:		of Dewitt Land	dfill		Sample Mat		GW
Field Per	rsonnel:	Amber F	leisch mu	un			
SAMPLII	NG INFORM	ATION:					
Date/Ti	me:	12-20-21 1010				(Circle One)	
Samplin	g Method:	Bai	Ler		Dedicated:	YES	NO
Diamete	eter of Well:		2"		Diameter 1"	Multiply by	
	pth (from to			40	2" 3"	0.163 0.367	
		top of PVC): umn (LWC):	24.		4" 6" 8"	0.653 1.468 2.61	
	ee Multiplier NG DATA: Time	个 to input based Temp.	on Well Diar	neter	Turbidity	ORP	DO (mg/L)
	Time	(°C)	(std units)	1 vo. 10 00 00 00 00 00 00 00 00 00 00 00 00	(NTU)	(Mv)	DO (Hig/L)
		10.8	6-7	2,575	6.85	45.6	3.37
	1020	10.8			W. (1)		

ent: Tov	wn of Dewitt			Sample Poir	nt ID:	MW-5
cility: To	wn of Dewitt Lan	dfill		Sample Mat	rix:	GW
ld Personnel:	ESIAF					
MPLING INFOR	MATION:					
te/Time:	12-20-2	12-20-21 4030 1015			(Circle	One)
mpling Method	B	Bouler		Dedicated:	(ES)	NO
ameter of Well:				Diameter	Multiply by	
ell Depth (from	top of PVC):	45	1	1" 2" 3"	0.041 0.163 0.367	
ater Depth (from	n top of PVC):	1.30	,	4" 6"	0.653 1.468	
ngth of Water C	column (LWC):	43.7	7	8"	2.61	
	er to input based	on Well Diar	neter			Ina/ (1)
See Multipli	Temp. (°C)	pH (std units)	Cond. (Umhos/c m)	Turbidity (NTU)	ORP (Mv)	DO (mg/L)
MPLING DATA:	Temp.	(std units)	(Umhos/c m)	(NTU)		

lient:	Town	of Dewitt			Sample Poin	it ID:	MW-6	
acility:	Town	of Dewitt Lan	dfill		Sample Mat	rix:	GW	
ield Per	sonnel:	Tom Web	ster					
SAMPLIN	IG INFORMA	TION:						
Date/Tin	ne: _	2/13/21	1141		(6		(Circle One)	
Sampling	g Method:	Bailer			Dedicated:	YES	NO	
Diamete	r of Well:		211		Diameter	Multiply by		
Well Dep	oth (from top	of PVC):	21.70		1" 2"	0.041 0.163		
Mater D	epth (from to	on of PVC):	3.55		3" 4"	0.367 0.653		
	f Water Colu		18.15		6" 8"	1.468 2.61		
					0	2.01	~9	
See		x (2.95) x 3= ↑ o input based Temp.		neter	Volume Pure	ORP	DO (mg/L)	
		(°C)	(std units)	(Umhos/c m)	(NTU)	(Mv)		
	1155	9.8	7.09	1859	18.12	-72.3	3.02	
Mostha	r conditions a	nt time of san		Clear	at time	of San	anling 3	

		FIELD C	PULITY	Allon			
t: Town	n of Dewitt			Sample Poir	nt ID:	MW-7	
ity:Town	n of Dewitt Lan	dfill		Sample Mat	rix:	GW_	
Personnel:	TW, AF,	BW					
PLING INFORM	ATION:						
/Time:	ime: 12/13/21 925				(Circle	ircle One)	
pling Method:				Dedicated:	(FES)	NO	
neter of Well:		2"		Diameter	Multiply by		
Depth (from to	op of PVC):	22.40		1" 2" 3"	0.041 0.163 0.367		
er Depth (from	top of PVC):	9.62		4" 6"	0.653 1.468		
th of Water Co	lumn (LWC):	12.68	<u> </u>	8"	2.61		
e Volume: LW	Cx(2.08)x3=	6.25	•	Volume Pur	ged:	~ 6.2	
	C x (えらぎ) x 3= 个 to input based Temp. (°C)		meter Cond.	Turbidity	ORP (Mv)	~ 6.2	
See Multiplier	↑ to input based	on Well Diar	Cond.	Turbidity	ORP		

		FIELD OB	SERVAT	IONS		
Client:	own of Dewitt			Sample Poir	nt ID:	MW-8
Facility:To	own of Dewitt Landf	ill		Sample Mat	rix:	GW
Field Personnel:		leischman				
Date/Time:	12/13/21	1520			One)	
Sampling Metho	12/13/21 d: Bailer			Dedicated:	YES	NO
Diameter of Wel	meter of Well:				Multiply by	1
Well Depth (fron	n top of PVC):	29.2		1" 2"	0.041 0.163	
Water Depth (fro	om top of PVC):	0		3" 4"	0.367 0.653	
Length of Water	Column (LWC):	29.2		6" 8"	1.468 2.61	
	LWC x (4,75) x 3= ↑ ultiplier to input bas		meter	Volume Pur	ged:	~ 15
SAMPLING DATA	A:					
Ti	me Temp.	pH (std units)	Cond. (Umhos/cm)	Turbidity (NTU)	ORP (Mv)	DO (mg/L)
153	5 6.1	7.26	1607	4.88	-56.7	3.59
Weather conditi	ions at time of sam	pling:	Clear			
COMMENTS & C			tinued to	fully re	charge	during
U	Clear during	purge				
	13/2/	Signature:	anha 3	Helin	Company:	_Alpha A

			FIELD C	BSERV	/ATION	IS	
Client:	Town	of Dewitt			Sample Poin	t ID:	MW-8D_
Facility:	Town	of Dewitt Lan	dfill		Sample Mat	rix:	GW
Field Per	sonnel:	Amber F	leischma	<u>n</u>			
SAMPLIN	IG INFORMA	TION:					
Date/Tin	ne:	12/13/21	1508			(Circle	e One)
Sampling		thod: Bailer			Dedicated:	(YES)	NO
Diamete	0.11			Diameter	Multiply by	7	
			1.1.2.		1"	0.041	
Well De	oth (from top	of PVC):	61.3		2" 3"	0.163 0.367	
Water D	epth (from to	op of PVC):	0		4"	0.653	
			61.3		6" 8"	1.468 2.61	
l anoth o	& Water Col	ima (I W/C).	(0) (1)				
	of Water Colu	ımn (LWC): × (10) x 3= ↑	50		Volume Purg		36
Purge V o	olume: LWC e Multiplier t	x(10)x3= ↑ to input based	on Well Diar	neter	Volume Purg	ged:	
Purge V o	olume: LWC e Multiplier t	x(10)x3=	30	neter			36 DO (mg/L)
Purge V o	olume: LWC e Multiplier t	x(10)x3= ↑ to input based Temp.	on Well Diar	neter Cond. (Umhos/c	Volume Purg Turbidity (NTU)	ged:	

Client: _	Town	of Dewitt			Sample Poin	t ID:	MW-9
Facility: _	Towr	of Dewitt Land	dfill		Sample Mati	rix:	GW
ield Perso	onnel:	Ben Wagr	ner				
SAMPLING	INFORM	ATION:					
Date/Time	:	12/13/21	1445			(Circle	e One)
Sampling N	ng Method: Bailco				Dedicated:	YES	NO
Diameter o			2"		Diameter	Multiply by	1
Well Depti	h (from to	p of PVC):	12.4		1" 2"	0.041 0.163	
Water Dep	oth (from	top of PVC):	1.20		3" 4"	0.367 0.653	
Length of \	Water Col	umn (LWC):	11.20)	6" 8"	1.468 2.61	
Purge Volu	ume: LW(Cx(1,83)x3= ↑	5.5		Volume Purg	ged:	~5.5
See I		to input based	on Well Diar	meter			
SARADI ING			рН	Cond.	Turbidity	ORP	DO (mg/L)
SAMPLING	Time	Temp. (°C)	(std units)	(Umhos/c m)	(NTU)	(Mv)	
SAMPLING				m)	27.3	- 71.2	5.47

lient:Town of Dewitt					Sample Poir	it ID:	MW-9M_	
Facility:	Town	n of Dewitt Land	llift		Sample Mat	GW		
Field Pe	rsonnel:	Ben Wagn	er					
SAMPLII	NG INFORM	IATION:						
Date/Ti		12/13/21	1510		(Circle One)			
Samplin	g Method:	Bailer			Dedicated:	YES	NO	
Diamete	er of Well:		2"		Diameter	Multiply by		
Well De	pth (from to	op of PVC):	38		1" 2"	0.041 0.163		
	27.7				3"	0.367		
Water D	epth (from	top of PVC):	1.45		4" 6"	0.653 1.468		
Length o	of Water Co	lumn (LWC):	36.65		8"	2.61		
Purge V	olume: LW	C x (5.96) x 3= 个 to input based			Volume Pur	ged:	~18	
	NG DATA:	Temp. (°C)	pH (std units)	Cond. (Umhos/c m)	Turbidity (NTU)	ORP (Mv)	DO (mg/L)	
	NG DATA:	Temp.		(Umhos/c	the second second second		DO (mg/L)	

t: Tow	n of Dewitt			Sample Poin	it ID:	MW-9
ity: Tow	n of Dewitt Lan	dfill		Sample Mat	rix:	GW
Personnel:	Ben Wagt	ner				
PLING INFORM	ATION:					
/Time:	12/13/21	1430			le One)	
pling Method:	12/13/21 Bailer			Dedicated:	VES	NO
neter of Well:		2"		Diameter	Multiply by	
Depth (from t	op of PVC):	55		1" 2"	0.041 0.163	
er Depth (from	top of PVC):	44.6	0	3" 4" 6"	0.367 0.653 1.468	
th of Water Co	olumn (LWC):	10.4	0	8"	2.61	
e Volume: LW	/Cx(1.7o)x3= ↑			Volume Pur	ged:	<u>~5.1</u>
	r to input based Temp. (°C)		meter Cond.	Turbidity	ORP (Mv)	DO (mg/L)
See Multiplie	↑ r to input based Temp.	on Well Dia	meter Cond.	Turbidity	ORP	

ient:	Town	of Dewitt			Sample Poin	+ ID:	MW-10
ient:	Town	oi Dewitt			Sample Poir	it iD:	
acility:	Town	of Dewitt Lan	dfill		Sample Mat	rix:	GW
eld Per	sonnel:	Ben Wagn	er				
AMPLIN	IG INFORMA	ATION:					
ate/Tin	ne:	12/13/21	0925 9	50		(Circle	e One)
ampling	Method:	Bailer			Dedicated:	YES	NO
iamete	r of Well:		2"		Diameter	Multiply by	1
			6		1"	0.041	1
lell Dep	oth (from to	p of PVC):	20.6	7	2"	0.163	
			Δ		3"	0.367	
	Depth (from top of PVC): 9, 47				4"	0.653	
later Do	er Depth (from top of PVC): 9,47						
					6"	1.468	
ength o	f Water Colu				6" 8" Volume Pur	2.61	~ 5.5
ength o urge Vo	f Water Colo	wmn (LWC): x (1.81) x 3= Temp.	on Well Diar	neter Cond.	8" Volume Pur	2.61 ged:	~ 5.5
ength o urge Vo	f Water Colonia Diume: LWC Multiplier to NG DATA:	umn (LWC): x(1.81) x 3= ↑ to input based	on Well Diar	neter Cond.	8" Volume Pur	2.61 ged:	
ength o urge Vo	f Water Colonia Diume: LWC Multiplier to NG DATA:	wmn (LWC): x (1.81) x 3= Temp.	on Well Diar	neter Cond. (Umhos/c	8" Volume Pur	2.61 ged:	

	yn of Dewitt			Sample Poin	it ID:	MW-11E
ield Personnel:	n of Dewitt Land	lfill		Sample Mat	rix:	GW
AMPLING INFORM	Tom Webste	r/Amber	<u>Fleisch</u> mo	an		
	12/13/21	1050			(Circle One)	
ampling Method:				Dedicated:	YES	NO
Diameter of Well:				Diameter 1"	Multiply by 0.041	
Well Depth (from to		29.6	5	2" 3" 4"	0.163 0.367 0.653	
ength of Water Col		9.35		6" 8"	1.468 2.61	
Purge Volume: LWC	Cx(1.62)x3=	4.56	, 	Volume Pur	ged:	~5
See Multiplier	to input based	on Well Diar	neter	-		
Time	Temp. (°C)	pH (std units)	Cond. (Umhos/c m)	Turbidity (NTU)	ORP (Mv)	DO (mg/L)
	12.4	7.43	1539	147.2	47.1	8.08

Facility:To	own of Dewitt			Sample Poin	it ID:	MW-129	
	own of Dewitt Lan	dfill		Sample Mat	rix:	GW	
ield Personnel:	Amber Fl	tischmai	2				
AMPLING INFO	RMATION:						
Date/Time:	12/13/21	0950			(Circle	e One)	
Sampling Metho	d: Bailer			Dedicated:	YES	NO	
Diameter of Wel	l:	2"		Diameter	Multiply by		
Well Depth (fron	n top of PVC):	23.00	2	1" 2"	0.041 0.163		
Water Depth (fro	om top of PVC):	3.45		3" 4"	0.367 0.653		
Length of Water	Column (LWC):	3.19		6" 8"	1.468 2.61		
	.WC x (19.5) x 3: ↑			Volume Pur	ged:	~10	
See Multip	lier to input based	on Well Diar	neter				
Time		pH (std units)	Cond. (Umhos/c m)	Turbidity (NTU)	ORP (Mv)	DO (mg/L)	
1010	12.2	7.38	1833	338.5	-139.5	1.47	

Appendix D Laboratory Reports

- March 2021 Surface water sampling Alpha Analytical: Analytical Report Lab Job No: 2113476.
- May 2021 Surface water sampling Alpha Analytical: Analytical Report Lab Job No: 2128157.
- September 2021 Surface water sampling Alpha Analytical: Analytical Report Lab Job No: 2150350.
- December 2021 Surface water and Groundwater sampling Alpha Analytical: Analytical Report Lab Job No: 2168577 and 2169992.
- December 2021 Gas Vent Sampling Alpha Analytical: Analytical Report Lab Job No: 2168549.



ANALYTICAL REPORT

Lab Number: L2113476

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: 1128-2020-SW

Report Date: 03/25/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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: 1128-2020-SW

Lab Number:

L2113476

Report Date: 03/25/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2113476-01	SW-1	WATER	FISHER RD, EAST SYRACUSE	03/18/21 10:45	03/18/21
L2113476-02	SW-2	WATER	FISHER RD, EAST SYRACUSE	03/18/21 10:30	03/18/21
L2113476-03	SW-3	WATER	FISHER RD, EAST SYRACUSE	03/18/21 11:00	03/18/21
L2113476-04	TRIP BLANK	WATER	FISHER RD, EAST SYRACUSE	03/18/21 00:00	03/18/21



Project Name:T. OF DEWITT LANDFILL MONITORILab Number:L2113476Project Number:1128-2020-SWReport Date:03/25/21

Case Narrative

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

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

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

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

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

	3	, i

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



Project Name: T. OF DEWITT LANDFILL MONITORI Lab Number: L2113476

Project Number: 1128-2020-SW Report Date: 03/25/21

Case Narrative (continued)

Report Submission

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

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

M 2 M Jennifer L Clements

Authorized Signature:

Title: Technical Director/Representative Date: 03/25/21

ALPHA

ORGANICS



VOLATILES



L2113476

03/25/21

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2020-SW

SAMPLE RESULTS

Date Collected: 03/18/21 10:45

Lab Number:

Report Date:

Lab ID: L2113476-01 Client ID: Date Received: 03/18/21 SW-1

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

Sample Depth:

Matrix: Water Analytical Method: 128,624.1 Analytical Date: 03/19/21 18:17

Analyst: GT

Weltylene 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 1.0 0.24 1 1,2-Dichloropropane ND ug/l 1.0 0.24 1 1,12-Trichloropropane ND ug/l 1.0 0.27 1 1,12-Trichloropropane ND ug/l 1.0 0.27 1 1,12-Trichloropthane ND ug/l 1.0 0.27 1 1,12-Trichloropthane ND ug/l 1.5 0.34 1 2-Chloropethykinyl ether ND ug/l 1.0 0.26 1 Chlorobenzene ND ug/l 1.0 0.26 1 Chloropethane ND ug/l 1.5 0.30	Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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-Chloroethyvinyl ether ND ug/l 1.0 0.25 1 1-tetrachloroethane ND ug/l 1.0 0.26 1 Chlorobenzene ND ug/l 3.5 0.30 1 Trichlorofluoromethane ND ug/l 3.5 0.30 1 1,2-Dichloroethane ND ug/l 5.0 0.28 1 1,1,1-Trichloroethane ND ug/l 1.5 0.47 1 1,1,1-Trichloroethane ND ug/l 1.5 0.31<	Volatile Organics by GC/MS - Westb	orough Lab					
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 1.0 0.25 1 Tetrachloroethane 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 1.5 0.47 1 Bromodichloromethane ND ug/l 1.5 0.31 1 ds-1,3-Dichloropropene ND ug/l 1.5 0.3	Methylene chloride	ND		ug/l	1.0	0.56	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 1.0 0.26 1 Tetrachloroethane ND ug/l 1.0 0.26 1 Chlorobenzene ND ug/l 3.5 0.30 1 Trichloroffuoromethane 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 1.0 0.28 1 Bromodichloromethane ND ug/l 1.0 0.28 1 trans-1,3-Dichloropropene ND ug/l 1.5 0.34 1 Bromoform ND ug/l 1.0 0	1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
1,2-Dichloropropane ND	Chloroform	ND		ug/l	1.0	0.38	1
Dibromochloromethane ND ug/l 1.0 0.27 1	Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,1,2-Trichloroethane	1,2-Dichloropropane	ND		ug/l	3.5	0.46	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 0.28 <t< td=""><td>Dibromochloromethane</td><td>ND</td><td></td><td>ug/l</td><td>1.0</td><td>0.27</td><td>1</td></t<>	Dibromochloromethane	ND		ug/l	1.0	0.27	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 0.22 1 Benzene ND ug/l 1.0 0.38 1 Toluene ND ug/l 1.0 0.38 1 Ethylbenzene ND ug/l 5.0 1.0 1	1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	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 5.0 1.0 1 Chloromethane ND ug/l 5.0 1.2 1 <td>2-Chloroethylvinyl ether</td> <td>ND</td> <td></td> <td>ug/l</td> <td>10</td> <td>0.35</td> <td>1</td>	2-Chloroethylvinyl ether	ND		ug/l	10	0.35	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 0.22 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 1.2 1 Bromomethane ND ug/l 5.0 1.2 1	Tetrachloroethene	ND		ug/l	1.0	0.26	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 1.2 1 Winyl chloride ND ug/l 1.0 0.38 1	Chlorobenzene	ND		ug/l	3.5	0.30	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	Trichlorofluoromethane	ND		ug/l	5.0	0.28	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	1,2-Dichloroethane	ND		ug/l	1.5	0.47	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 0.31 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	1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	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	Bromodichloromethane	ND		ug/l	1.0	0.28	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	trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	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	cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	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	Bromoform	ND		ug/l	1.0	0.22	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	1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	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	Benzene	ND		ug/l	1.0	0.38	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	Toluene	ND		ug/l	1.0	0.31	1
Bromomethane ND ug/l 5.0 1.2 1 Vinyl chloride ND ug/l 1.0 0.38 1	Ethylbenzene	ND		ug/l	1.0	0.28	1
Vinyl chloride ND ug/l 1.0 0.38 1	Chloromethane	ND		ug/l	5.0	1.0	1
,	Bromomethane	ND		ug/l	5.0	1.2	1
Chloroethane ND ug/l 2.0 0.37 1	Vinyl chloride	ND		ug/l	1.0	0.38	1
<u> </u>	Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene ND ug/l 1.0 0.31 1	1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene ND ug/l 1.5 0.33 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	cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1



03/25/21

Report Date:

Project Name: T. OF DEWITT LANDFILL MONITORI Lab Number: L2113476

Project Number: 1128-2020-SW

SAMPLE RESULTS

L2113476-01 Date Collected: 03/18/21 10:45

Client ID: SW-1 Date Received: 03/18/21

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

Sample Depth:

Lab ID:

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	106		60-140	
Fluorobenzene	106		60-140	
4-Bromofluorobenzene	96		60-140	



Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2020-SW

SAMPLE RESULTS

Date Collected: 03/18/21 10:30

Report Date: 03/25/21

Lab ID: L2113476-02

Client ID: SW-2

Sample Location: FISHER RD, EAST SYRACUSE

Date Received: 03/1 Field Prep: Not

Lab Number:

03/18/21 Not Specified

L2113476

Sample Depth:

Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 03/19/21 18:48

Analyst: GT

Volatile Organics by GC/MS - Westborough Lab Methylene chloride ND ug/l 1,1-Dichloroethane ND ug/l Chloroform ND ug/l Carbon tetrachloride ND ug/l 1,2-Dichloropropane ND ug/l Dibromochloromethane ND ug/l 1,1,2-Trichloroethane ND ug/l 2-Chloroethylvinyl ether ND ug/l Tetrachloroethene ND ug/l Chlorobenzene ND ug/l 1,2-Dichloroethane ND ug/l 1,2-Dichloroethane ND ug/l Bromodichloromethane ND ug/l Bromodichloromethane ND ug/l trans-1,3-Dichloropropene ND ug/l Bromoform ND ug/l Benzene ND ug/l Benzene ND ug/l	1.0 1.5 1.0 1.0 3.5 1.0 1.5 10 1.0 3.5 5.0 1.5	0.56 0.40 0.38 0.24 0.46 0.27 0.34 0.35 0.26 0.30 0.28 0.47	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1,1-Dichloroethane ND ug/l Chloroform ND ug/l Carbon tetrachloride ND ug/l 1,2-Dichloropropane ND ug/l 1,2-Dichloropropane ND ug/l Dibromochloromethane ND ug/l 1,1,2-Trichloroethane ND ug/l 2-Chloroethylvinyl ether ND ug/l Tetrachloroethene ND ug/l Chlorobenzene ND ug/l Trichlorofluoromethane ND ug/l 1,2-Dichloroethane ND ug/l 1,1,1-Trichloroethane ND ug/l Bromodichloromethane ND ug/l trans-1,3-Dichloropropene ND ug/l Bromoform ND ug/l 1,1,2,2-Tetrachloroethane ND ug/l 1,1,2,2-Tetrachloroethane ND ug/l	1.5 1.0 1.0 3.5 1.0 1.5 10 3.5 5.0	0.40 0.38 0.24 0.46 0.27 0.34 0.35 0.26 0.30 0.28 0.47	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1,1-Dichloroethane ND ug/l Chloroform ND ug/l Carbon tetrachloride ND ug/l 1,2-Dichloropropane ND ug/l 1,2-Dichloropropane ND ug/l Dibromochloromethane ND ug/l 1,1,2-Trichloroethane ND ug/l 2-Chloroethylvinyl ether ND ug/l Tetrachloroethene ND ug/l Chlorobenzene ND ug/l Trichlorofluoromethane ND ug/l 1,2-Dichloroethane ND ug/l 1,1,1-Trichloroethane ND ug/l Bromodichloromethane ND ug/l trans-1,3-Dichloropropene ND ug/l Bromoform ND ug/l 1,1,2,2-Tetrachloroethane ND ug/l 1,1,2,2-Tetrachloroethane ND ug/l	1.0 1.0 3.5 1.0 1.5 10 1.0 3.5 5.0	0.38 0.24 0.46 0.27 0.34 0.35 0.26 0.30 0.28 0.47	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Carbon tetrachloride ND ug/l 1,2-Dichloropropane ND ug/l Dibromochloromethane ND ug/l 1,1,2-Trichloroethane ND ug/l 2-Chloroethylvinyl ether ND ug/l Tetrachloroethene ND ug/l Chlorobenzene ND ug/l Trichlorofluoromethane ND ug/l 1,2-Dichloroethane ND ug/l 1,1,1-Trichloroethane ND ug/l Bromodichloromethane ND ug/l trans-1,3-Dichloropropene ND ug/l Bromoform ND ug/l 1,1,2,2-Tetrachloroethane ND ug/l	1.0 3.5 1.0 1.5 10 1.0 3.5 5.0	0.24 0.46 0.27 0.34 0.35 0.26 0.30 0.28 0.47	1 1 1 1 1 1 1 1 1 1 1 1 1
1,2-Dichloropropane ND ug/l Dibromochloromethane ND ug/l 1,1,2-Trichloroethane ND ug/l 2-Chloroethylvinyl ether ND ug/l Tetrachloroethene ND ug/l Chlorobenzene ND ug/l Trichlorofluoromethane ND ug/l 1,2-Dichloroethane ND ug/l 1,1,1-Trichloroethane ND ug/l Bromodichloromethane ND ug/l trans-1,3-Dichloropropene ND ug/l Bromoform ND ug/l Bromoform ND ug/l	3.5 1.0 1.5 10 1.0 3.5 5.0	0.46 0.27 0.34 0.35 0.26 0.30 0.28 0.47	1 1 1 1 1 1 1 1 1 1 1 1
Dibromochloromethane ND ug/I 1,1,2-Trichloroethane ND ug/I 2-Chloroethylvinyl ether ND ug/I Tetrachloroethene ND ug/I Chlorobenzene ND ug/I Trichlorofluoromethane ND ug/I 1,2-Dichloroethane ND ug/I 1,1,1-Trichloroethane ND ug/I Bromodichloromethane ND ug/I trans-1,3-Dichloropropene ND ug/I Bromoform ND ug/I 1,1,2,2-Tetrachloroethane ND ug/I	1.0 1.5 10 1.0 3.5 5.0 1.5	0.27 0.34 0.35 0.26 0.30 0.28 0.47	1 1 1 1 1 1
1,1,2-Trichloroethane ND ug/l 2-Chloroethylvinyl ether ND ug/l Tetrachloroethene ND ug/l Chlorobenzene ND ug/l Trichlorofluoromethane ND ug/l 1,2-Dichloroethane ND ug/l 1,1,1-Trichloroethane ND ug/l Bromodichloromethane ND ug/l trans-1,3-Dichloropropene ND ug/l cis-1,3-Dichloropropene ND ug/l Bromoform ND ug/l 1,1,2,2-Tetrachloroethane ND ug/l	1.5 10 1.0 3.5 5.0 1.5	0.34 0.35 0.26 0.30 0.28 0.47	1 1 1 1 1
2-Chloroethylvinyl ether ND ug/l Tetrachloroethene ND ug/l Chlorobenzene ND ug/l Trichlorofluoromethane ND ug/l 1,2-Dichloroethane ND ug/l 1,1,1-Trichloroethane ND ug/l Bromodichloromethane ND ug/l trans-1,3-Dichloropropene ND ug/l cis-1,3-Dichloropropene ND ug/l Bromoform ND ug/l ND ug/l	10 1.0 3.5 5.0 1.5	0.35 0.26 0.30 0.28 0.47	1 1 1 1
Tetrachloroethene ND ug/l Chlorobenzene ND ug/l Trichlorofluoromethane ND ug/l 1,2-Dichloroethane ND ug/l 1,1,1-Trichloroethane ND ug/l Bromodichloromethane ND ug/l trans-1,3-Dichloropropene ND ug/l cis-1,3-Dichloropropene ND ug/l Bromoform ND ug/l 1,1,2,2-Tetrachloroethane ND ug/l	1.0 3.5 5.0 1.5	0.26 0.30 0.28 0.47	1 1 1 1
Chlorobenzene ND ug/l Trichlorofluoromethane ND ug/l 1,2-Dichloroethane ND ug/l 1,1,1-Trichloroethane ND ug/l Bromodichloromethane ND ug/l trans-1,3-Dichloropropene ND ug/l cis-1,3-Dichloropropene ND ug/l Bromoform ND ug/l 1,1,2,2-Tetrachloroethane ND ug/l	3.5 5.0 1.5	0.30 0.28 0.47	1 1 1
Trichlorofluoromethane ND ug/l 1,2-Dichloroethane ND ug/l 1,1,1-Trichloroethane ND ug/l Bromodichloromethane ND ug/l trans-1,3-Dichloropropene ND ug/l cis-1,3-Dichloropropene ND ug/l Bromoform ND ug/l 1,1,2,2-Tetrachloroethane ND ug/l	5.0 1.5	0.28 0.47	1 1
1,2-Dichloroethane ND ug/l 1,1,1-Trichloroethane ND ug/l Bromodichloromethane ND ug/l trans-1,3-Dichloropropene ND ug/l cis-1,3-Dichloropropene ND ug/l Bromoform ND ug/l 1,1,2,2-Tetrachloroethane ND ug/l	1.5	0.47	1
1,1,1-Trichloroethane ND ug/l Bromodichloromethane ND ug/l trans-1,3-Dichloropropene ND ug/l cis-1,3-Dichloropropene ND ug/l Bromoform ND ug/l 1,1,2,2-Tetrachloroethane ND ug/l			
Bromodichloromethane ND ug/l trans-1,3-Dichloropropene ND ug/l cis-1,3-Dichloropropene ND ug/l Bromoform ND ug/l 1,1,2,2-Tetrachloroethane ND ug/l	2.0		4
trans-1,3-Dichloropropene ND ug/l cis-1,3-Dichloropropene ND ug/l Bromoform ND ug/l 1,1,2,2-Tetrachloroethane ND ug/l	2.0	0.29	1
cis-1,3-Dichloropropene ND ug/l Bromoform ND ug/l 1,1,2,2-Tetrachloroethane ND ug/l	1.0	0.28	1
Bromoform ND ug/l 1,1,2,2-Tetrachloroethane ND ug/l	1.5	0.31	1
1,1,2,2-Tetrachloroethane ND ug/l	1.5	0.34	1
	1.0	0.22	1
Benzene ND ug/l	1.0	0.20	1
	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	4	0.33	1
cis-1,2-Dichloroethene ND ug/l	1.5	0.17	1



03/25/21

Project Name: Lab Number: T. OF DEWITT LANDFILL MONITORI L2113476

Project Number: 1128-2020-SW

SAMPLE RESULTS

Report Date:

Lab ID: L2113476-02 Date Collected: 03/18/21 10:30

Client ID: Date Received: 03/18/21 SW-2 Field Prep: Sample Location: FISHER RD, EAST SYRACUSE 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	101		60-140	
Fluorobenzene	102		60-140	
4-Bromofluorobenzene	97		60-140	



L2113476

03/18/21 11:00

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2020-SW

SAMPLE RESULTS

Report Date: 03/25/21

Lab Number:

Date Collected:

Lab ID: L2113476-03

Client ID: SW-3

Sample Location: FISHER RD, EAST SYRACUSE Date Received: 03/18/21 Field Prep: Not Specified

Sample Depth:

Matrix: Water Analytical Method: 128,624.1 Analytical Date: 03/19/21 19:20

Analyst: GT

Weltylene 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 1.0 0.24 1 1,2-Dichloropropane ND ug/l 1.0 0.24 1 1,12-Trichloropropane ND ug/l 1.0 0.27 1 1,12-Trichloropropane ND ug/l 1.0 0.27 1 1,12-Trichloropthane ND ug/l 1.0 0.27 1 1,12-Trichloropthane ND ug/l 1.5 0.34 1 2-Chloropethykinyl ether ND ug/l 1.0 0.26 1 Chlorobenzene ND ug/l 1.0 0.26 1 Chloropethane ND ug/l 1.5 0.30	Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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-Chloroethyvinyl ether ND ug/l 1.0 0.25 1 1-tetrachloroethane ND ug/l 1.0 0.26 1 Chlorobenzene ND ug/l 3.5 0.30 1 Trichlorofluoromethane ND ug/l 3.5 0.30 1 1,2-Dichloroethane ND ug/l 5.0 0.28 1 1,1,1-Trichloroethane ND ug/l 1.5 0.47 1 1,1,1-Trichloroethane ND ug/l 1.5 0.31<	Volatile Organics by GC/MS - Westb	orough Lab					
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 1.0 0.25 1 Tetrachloroethane 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 1.5 0.47 1 Bromodichloromethane ND ug/l 1.5 0.31 1 ds-1,3-Dichloropropene ND ug/l 1.5 0.3	Methylene chloride	ND		ug/l	1.0	0.56	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 1.0 0.26 1 Tetrachloroethane ND ug/l 1.0 0.26 1 Chlorobenzene ND ug/l 3.5 0.30 1 Trichloroffuoromethane 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 1.0 0.28 1 Bromodichloromethane ND ug/l 1.0 0.28 1 trans-1,3-Dichloropropene ND ug/l 1.5 0.34 1 Bromoform ND ug/l 1.0 0	1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
1,2-Dichloropropane ND	Chloroform	ND		ug/l	1.0	0.38	1
Dibromochloromethane ND ug/l 1.0 0.27 1	Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,1,2-Trichloroethane	1,2-Dichloropropane	ND		ug/l	3.5	0.46	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 0.28 <t< td=""><td>Dibromochloromethane</td><td>ND</td><td></td><td>ug/l</td><td>1.0</td><td>0.27</td><td>1</td></t<>	Dibromochloromethane	ND		ug/l	1.0	0.27	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 0.22 1 Benzene ND ug/l 1.0 0.38 1 Toluene ND ug/l 1.0 0.38 1 Ethylbenzene ND ug/l 5.0 1.0 1	1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	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 5.0 1.0 1 Chloromethane ND ug/l 5.0 1.2 1 <td>2-Chloroethylvinyl ether</td> <td>ND</td> <td></td> <td>ug/l</td> <td>10</td> <td>0.35</td> <td>1</td>	2-Chloroethylvinyl ether	ND		ug/l	10	0.35	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 0.22 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 1.2 1 Bromomethane ND ug/l 5.0 1.2 1	Tetrachloroethene	ND		ug/l	1.0	0.26	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 1.2 1 Winyl chloride ND ug/l 1.0 0.38 1	Chlorobenzene	ND		ug/l	3.5	0.30	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	Trichlorofluoromethane	ND		ug/l	5.0	0.28	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	1,2-Dichloroethane	ND		ug/l	1.5	0.47	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 0.31 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	1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	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	Bromodichloromethane	ND		ug/l	1.0	0.28	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	trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	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	cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	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	Bromoform	ND		ug/l	1.0	0.22	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	1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	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	Benzene	ND		ug/l	1.0	0.38	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	Toluene	ND		ug/l	1.0	0.31	1
Bromomethane ND ug/l 5.0 1.2 1 Vinyl chloride ND ug/l 1.0 0.38 1	Ethylbenzene	ND		ug/l	1.0	0.28	1
Vinyl chloride ND ug/l 1.0 0.38 1	Chloromethane	ND		ug/l	5.0	1.0	1
,	Bromomethane	ND		ug/l	5.0	1.2	1
Chloroethane ND ug/l 2.0 0.37 1	Vinyl chloride	ND		ug/l	1.0	0.38	1
<u> </u>	Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene ND ug/l 1.0 0.31 1	1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene ND ug/l 1.5 0.33 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	cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1



03/25/21

Project Name: Lab Number: T. OF DEWITT LANDFILL MONITORI L2113476

Project Number: 1128-2020-SW

SAMPLE RESULTS

Date Collected: 03/18/21 11:00

Report Date:

L2113476-03 Client ID: Date Received: 03/18/21 SW-3

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

Sample Depth:

Lab ID:

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	105		60-140	
Fluorobenzene	106		60-140	
4-Bromofluorobenzene	94		60-140	



L2113476

03/25/21

Project Name: T. OF DEWITT LANDFILL MONITORI

L2113476-04

TRIP BLANK

FISHER RD, EAST SYRACUSE

Project Number: 1128-2020-SW

SAMPLE RESULTS

Date Collected: 03/18/21 00:00

Date Received: 03/18/21 Field Prep: Not Specified

Lab Number:

Report Date:

Sample Depth:

Sample Location:

Lab ID:

Client ID:

Matrix: Water Analytical Method: 128,624.1 Analytical Date: 03/19/21 19:52

Analyst: GT

Wolatile Organics by GC/MS - Westborough Lab 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 1.0 0.27 1,1,2-Trichloroethane ND ug/l 1.5 0.34 2-Chloroethydivinyl ether ND ug/l 1.0 0.27 Tetrachloroethene ND ug/l 1.0 0.26 Chlorobenzene ND ug/l 1.0 0.26 Chloroffluoromethane ND ug/l 5.0 0.30 Trichloroffluoromethane ND ug/l 1.5 0.47 1,1,1-Trichloroethane ND ug/l 1.5 0.47 1,1,1-Trichloroethane ND ug/l 1.5 0.47 1,1,1-Trichloroethane ND ug/l 1.5 0.31 <th>ition Factor</th>	ition Factor
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 1.0 0.24 1,2-Dichloropropane ND ug/l 1.0 0.27 1,1,2-Trichloroethane ND ug/l 1.5 0.34 2-Chloroethylvinyl ether ND ug/l 1.0 0.25 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 1.5 0.31 cis-1,3-Dichloropropene ND ug/l 1.5 0.31 cis-1,3-Dichloropropene ND ug/l 1.0 0.22 Bromoform ND	
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-Chloroethane ND ug/l 1.0 0.25 Tetrachloroethane 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 1.5 0.31 cis-1,3-Dichloropropene ND ug/l 1.5 0.31 cis-1,3-Dichloropropene ND ug/l 1.0 0.22 Benzene ND ug/l	1
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 1.0 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 1.0 0.28 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 1.0 0.22 1,1,2,2-Tetrachloroethane ND ug/l 1.0 0.22 1,1,2,2-Tetrachloroethane </td <td>1</td>	1
1,2-Dichloropropane ND	1
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 1.0 0.28 Bromodichloromethane 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
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 1.0 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 0.38 Toluene ND ug/l 1.0 0.38 Toluene ND ug/l 1.0 0.28 Chloromethane ND ug/l	1
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 1.0 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 0.38 Toluene ND ug/l 1.0 0.31 Ethylbenzene ND ug/l 1.0 0.28 Chloromethane ND ug/l 1.0 0.28	1
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	1
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 0.38 Toluene ND ug/l 1.0 0.31 Ethylbenzene ND ug/l 1.0 0.28 Chloromethane ND ug/l 5.0 1.0	1
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 0.30 Benzene ND ug/l 1.0 0.31 Toluene ND ug/l 1.0 0.28 Chloromethane ND ug/l 1.0 0.28	1
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	1
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	1
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	1
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 1.0 0.28	1
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	1
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	1
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	1
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	1
Toluene ND ug/l 1.0 0.31 Ethylbenzene ND ug/l 1.0 0.28 Chloromethane ND ug/l 5.0 1.0	1
Ethylbenzene ND ug/l 1.0 0.28 Chloromethane ND ug/l 5.0 1.0	1
Chloromethane ND ug/l 5.0 1.0	1
	1
ND # TO 40	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



03/25/21

Project Name: Lab Number: T. OF DEWITT LANDFILL MONITORI L2113476

Project Number: 1128-2020-SW

SAMPLE RESULTS

Date Collected: 03/18/21 00:00

Report Date:

Lab ID: L2113476-04

Client ID: Date Received: 03/18/21 TRIP BLANK Sample Location: Field Prep: Not Specified FISHER RD, EAST SYRACUSE

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Volatile Organics by GC/MS - Westbord	ugh 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	2.7	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	ND		ug/l	1.0	0.23	1	

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
Pentafluorobenzene	106		60-140	
Fluorobenzene	107		60-140	
4-Bromofluorobenzene	94		60-140	



Project Name: T. OF DEWITT LANDFILL MONITORI Lab Number: L2113476

Project Number: 1128-2020-SW Report Date: 03/25/21

Method Blank Analysis Batch Quality Control

Analytical Method: 128,624.1 Analytical Date: 03/19/21 16:24

Analyst: GT

arameter	Result	Qualifier Units	RL	MDL
olatile Organics by GC/MS - W	estborough Lab	for sample(s):	01-04 Batch:	WG1478233-4
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



L2113476

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

Project Number: 1128-2020-SW Report Date: 03/25/21

Method Blank Analysis Batch Quality Control

Analytical Method: 128,624.1 Analytical Date: 03/19/21 16:24

Analyst: GT

arameter	Result	Qualifier	Units	RL	MDL	
olatile Organics by GC/MS - V	Westborough Lab	o for sample	(s): 01-0	4 Batch:	WG1478233-4	
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	0.64	J	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	

		Acceptance	
Surrogate	%Recovery	Qualifier Criteria	
Pentafluorobenzene	100	60-140	
Fluorobenzene	100	60-140	
4-Bromofluorobenzene	99	60-140	



Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2020-SW

Lab Number: L2113476

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	RPD Qual Limits	
Volatile Organics by GC/MS - Westborough L	ab Associated	sample(s): 0	1-04 Batch: W	/G1478233-:	3			
Methylene chloride	120		-		60-140	-	28	
1,1-Dichloroethane	100		-		50-150	-	49	
Chloroform	110		-		70-135	-	54	
Carbon tetrachloride	120		-		70-130	-	41	
1,2-Dichloropropane	105		-		35-165	-	55	
Dibromochloromethane	110		-		70-135	-	50	
1,1,2-Trichloroethane	110		-		70-130	-	45	
2-Chloroethylvinyl ether	70		-		1-225	-	71	
Tetrachloroethene	120		-		70-130	-	39	
Chlorobenzene	90		-		65-135	-	53	
Trichlorofluoromethane	130		-		50-150	-	84	
1,2-Dichloroethane	125		-		70-130	-	49	
1,1,1-Trichloroethane	115		-		70-130	-	36	
Bromodichloromethane	120		-		65-135	-	56	
trans-1,3-Dichloropropene	105		-		50-150	-	86	
cis-1,3-Dichloropropene	110		-		25-175	-	58	
Bromoform	95		-		70-130	-	42	
1,1,2,2-Tetrachloroethane	110		-		60-140	-	61	
Benzene	100		-		65-135	-	61	
Toluene	115		-		70-130	-	41	
Ethylbenzene	105		-		60-140	-	63	
Chloromethane	90		-		1-205	-	60	
Bromomethane	90		-		15-185	-	61	



Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2020-SW

Lab Number: L2113476

Parameter	LCS %Recovery	Qual S	LCSD %Recovery		Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough L	ab Associated	sample(s): 01-0	04 Batch: WG	G1478233-3				
Vinyl chloride	100		-		5-195	-		66
Chloroethane	115		-		40-160	-		78
1,1-Dichloroethene	110		-		50-150	-		32
trans-1,2-Dichloroethene	100		-		70-130	-		45
cis-1,2-Dichloroethene	105		-		60-140	-		30
Trichloroethene	100		-		65-135	-		48
1,2-Dichlorobenzene	100		-		65-135	-		57
1,3-Dichlorobenzene	100		-		70-130	-		43
1,4-Dichlorobenzene	100		-		65-135	-		57
p/m-Xylene	100		-		60-140	-		30
o-xylene	95		-		60-140	-		30
Styrene	95		-		60-140	-		30
Acetone	110		-		40-160	-		30
Carbon disulfide	95		-		60-140	-		30
2-Butanone	108		-		60-140	-		30
Vinyl acetate	125		-		60-140	-		30
4-Methyl-2-pentanone	112		-		60-140	-		30
2-Hexanone	112		-		60-140	-		30
Acrolein	125		-		60-140	-		30
Acrylonitrile	105		-		60-140	-		60
Dibromomethane	100		-		70-130	-		30



Project Name: T. OF DEWITT LANDFILL MONITORI

Lab Number: L2113476

Project Number: 1128-2020-SW

Report Date:

03/25/21

	LCS		LCSD		%Recovery			RPD
Parameter	%Recovery	Qual	%Recovery	Qual	Limits	RPD	Qual	Limits

Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1478233-3

Surrogate	LCS %Recovery Qual	LCSD %Recovery Qu	Acceptance ral Criteria
Pentafluorobenzene	100		60-140
Fluorobenzene	97		60-140
4-Bromofluorobenzene	97		60-140



METALS



Project Name: T. OF DEWITT LANDFILL MONITORI Lab Number: L2113476

Project Number: 1128-2020-SW Report Date: 03/25/21

SAMPLE RESULTS

Lab ID: Date Collected: 03/18/21 10:45

Client ID: SW-1 Date Received: 03/18/21 Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mans	field Lab										
Antimony, Total	ND		mg/l	0.050	0.007	1	03/24/21 08:01	03/25/21 18:06	EPA 3005A	19,200.7	SV
Arsenic, Total	ND		mg/l	0.005	0.002	1	03/24/21 08:01	03/25/21 18:23	EPA 3005A	19,200.7	BV
Beryllium, Total	ND		mg/l	0.005	0.001	1	03/24/21 08:01	03/25/21 18:23	EPA 3005A	19,200.7	BV
Cadmium, Total	ND		mg/l	0.005	0.001	1	03/24/21 08:01	03/25/21 18:23	EPA 3005A	19,200.7	BV
Chromium, Total	ND		mg/l	0.010	0.002	1	03/24/21 08:01	03/25/21 18:23	EPA 3005A	19,200.7	BV
Copper, Total	0.006	J	mg/l	0.010	0.002	1	03/24/21 08:01	03/25/21 18:23	EPA 3005A	19,200.7	BV
Lead, Total	ND		mg/l	0.010	0.003	1	03/24/21 08:01	03/25/21 18:23	EPA 3005A	19,200.7	BV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	03/24/21 09:18	03/25/21 14:42	EPA 245.1	3,245.1	EW
Nickel, Total	ND		mg/l	0.025	0.002	1	03/24/21 08:01	03/25/21 18:23	EPA 3005A	19,200.7	BV
Selenium, Total	ND		mg/l	0.010	0.004	1	03/24/21 08:01	03/25/21 18:23	EPA 3005A	19,200.7	BV
Silver, Total	ND		mg/l	0.007	0.003	1	03/24/21 08:01	03/25/21 18:23	EPA 3005A	19,200.7	BV
Thallium, Total	ND		mg/l	0.020	0.003	1	03/24/21 08:01	03/25/21 18:23	EPA 3005A	19,200.7	BV
Zinc, Total	0.038	J	mg/l	0.050	0.002	1	03/24/21 08:01	03/25/21 18:23	EPA 3005A	19,200.7	BV
·											



Project Name: Lab Number: T. OF DEWITT LANDFILL MONITORI L2113476

Project Number: Report Date: 1128-2020-SW 03/25/21

SAMPLE RESULTS

Lab ID: L2113476-02

Date Collected: 03/18/21 10:30 Client ID: SW-2 Date Received: 03/18/21

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mans	sfield Lab										
Antimony, Total	ND		mg/l	0.050	0.007	1	03/24/21 08:01	03/25/21 18:10	EPA 3005A	19,200.7	SV
Arsenic, Total	0.002	J	mg/l	0.005	0.002	1	03/24/21 08:01	03/25/21 18:28	EPA 3005A	19,200.7	BV
Beryllium, Total	ND		mg/l	0.005	0.001	1	03/24/21 08:01	03/25/21 18:28	EPA 3005A	19,200.7	BV
Cadmium, Total	ND		mg/l	0.005	0.001	1	03/24/21 08:01	03/25/21 18:28	EPA 3005A	19,200.7	BV
Chromium, Total	ND		mg/l	0.010	0.002	1	03/24/21 08:01	03/25/21 18:28	EPA 3005A	19,200.7	BV
Copper, Total	0.004	J	mg/l	0.010	0.002	1	03/24/21 08:01	03/25/21 18:28	EPA 3005A	19,200.7	BV
Lead, Total	ND		mg/l	0.010	0.003	1	03/24/21 08:01	03/25/21 18:28	EPA 3005A	19,200.7	BV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	03/24/21 09:18	03/25/21 14:45	EPA 245.1	3,245.1	EW
Nickel, Total	0.005	J	mg/l	0.025	0.002	1	03/24/21 08:01	03/25/21 18:28	EPA 3005A	19,200.7	BV
Selenium, Total	ND		mg/l	0.010	0.004	1	03/24/21 08:01	03/25/21 18:28	EPA 3005A	19,200.7	BV
Silver, Total	ND		mg/l	0.007	0.003	1	03/24/21 08:01	03/25/21 18:28	EPA 3005A	19,200.7	BV
Thallium, Total	0.004	J	mg/l	0.020	0.003	1	03/24/21 08:01	03/25/21 18:28	EPA 3005A	19,200.7	BV
Zinc, Total	0.025	J	mg/l	0.050	0.002	1	03/24/21 08:01	03/25/21 18:28	EPA 3005A	19,200.7	BV



Project Name: Lab Number: T. OF DEWITT LANDFILL MONITORI L2113476

Project Number: Report Date: 1128-2020-SW 03/25/21

SAMPLE RESULTS

Lab ID: L2113476-03

Date Collected: 03/18/21 11:00 Client ID: SW-3 Date Received: 03/18/21

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mans	sfield Lab										
Antimony, Total	ND		mg/l	0.050	0.007	1	03/24/21 08:01	03/25/21 18:15	EPA 3005A	19,200.7	SV
Arsenic, Total	0.002	J	mg/l	0.005	0.002	1	03/24/21 08:01	03/25/21 18:33	EPA 3005A	19,200.7	BV
Beryllium, Total	ND		mg/l	0.005	0.001	1	03/24/21 08:01	03/25/21 18:33	EPA 3005A	19,200.7	BV
Cadmium, Total	ND		mg/l	0.005	0.001	1	03/24/21 08:01	03/25/21 18:33	EPA 3005A	19,200.7	BV
Chromium, Total	ND		mg/l	0.010	0.002	1	03/24/21 08:01	03/25/21 18:33	EPA 3005A	19,200.7	BV
Copper, Total	0.010		mg/l	0.010	0.002	1	03/24/21 08:01	03/25/21 18:33	EPA 3005A	19,200.7	BV
Lead, Total	0.006	J	mg/l	0.010	0.003	1	03/24/21 08:01	03/25/21 18:33	EPA 3005A	19,200.7	BV
Mercury, Total	0.00012	J	mg/l	0.00020	0.00009) 1	03/24/21 09:18	03/25/21 14:48	EPA 245.1	3,245.1	EW
Nickel, Total	0.006	J	mg/l	0.025	0.002	1	03/24/21 08:01	03/25/21 18:33	EPA 3005A	19,200.7	BV
Selenium, Total	0.006	J	mg/l	0.010	0.004	1	03/24/21 08:01	03/25/21 18:33	EPA 3005A	19,200.7	BV
Silver, Total	ND		mg/l	0.007	0.003	1	03/24/21 08:01	03/25/21 18:33	EPA 3005A	19,200.7	BV
Thallium, Total	ND		mg/l	0.020	0.003	1	03/24/21 08:01	03/25/21 18:33	EPA 3005A	19,200.7	BV
Zinc, Total	0.038	J	mg/l	0.050	0.002	1	03/24/21 08:01	03/25/21 18:33	EPA 3005A	19,200.7	BV
•											



Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2020-SW

Lab Number:

L2113476

Report Date: 03/25/21

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansf	field Lab for sample(s):	01-03 B	atch: W	G14777	10-1				
Antimony, Total	ND	mg/l	0.050	0.007	1	03/24/21 08:01	03/25/21 15:10	19,200.7	SV
Arsenic, Total	ND	mg/l	0.005	0.002	1	03/24/21 08:01	03/25/21 15:10	19,200.7	SV
Beryllium, Total	ND	mg/l	0.005	0.001	1	03/24/21 08:01	03/25/21 15:10	19,200.7	SV
Chromium, Total	ND	mg/l	0.010	0.002	1	03/24/21 08:01	03/25/21 15:10	19,200.7	SV
Copper, Total	ND	mg/l	0.010	0.002	1	03/24/21 08:01	03/25/21 15:10	19,200.7	SV
Lead, Total	ND	mg/l	0.010	0.003	1	03/24/21 08:01	03/25/21 15:10	19,200.7	SV
Nickel, Total	ND	mg/l	0.025	0.002	1	03/24/21 08:01	03/25/21 15:10	19,200.7	SV
Silver, Total	ND	mg/l	0.007	0.003	1	03/24/21 08:01	03/25/21 15:10	19,200.7	SV
Thallium, Total	ND	mg/l	0.020	0.003	1	03/24/21 08:01	03/25/21 15:10	19,200.7	SV
Zinc, Total	ND	mg/l	0.050	0.002	1	03/24/21 08:01	03/25/21 15:10	19,200.7	SV

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	
Total Metals - Mansfi	eld Lab for sample(s):	01-03 E	Batch: WC	G147771	13-1				
Mercury, Total	ND	mg/l	0.00020	0.00009	1	03/24/21 09:18	03/25/21 14:15	3,245.1	EW

Prep Information

Digestion Method: EPA 245.1



Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2020-SW

Lab Number: L2113476

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample	(s): 01-03 Ba	atch: WG14	77710-2					
Antimony, Total	100		-		85-115	-		
Arsenic, Total	105		-		85-115	-		
Beryllium, Total	100		-		85-115	-		
Chromium, Total	100		-		85-115	-		
Copper, Total	101		-		85-115	-		
Lead, Total	100		-		85-115	-		
Nickel, Total	96		-		85-115	-		
Silver, Total	98		-		85-115	-		
Thallium, Total	102		-		85-115	-		
Zinc, Total	105		-		85-115	-		
Total Metals - Mansfield Lab Associated sample	(s): 01-03 Ba	atch: WG14	77713-2					
Mercury, Total	90		-		85-115	-		



Matrix Spike Analysis Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2020-SW

Lab Number: L2113476

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery Qu	Recovery ual Limits	RPD Qua	RPD Limits
Total Metals - Mansfield La	b Associated san	nple(s): 01-03	QC Ba	tch ID: WG147	7710-3	QC San	nple: L2113734-01	Client ID: MS	S Sample	
Antimony, Total	ND	0.5	0.510	102		-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.132	110		-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.052	103		-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.055	108		-	-	75-125	-	20
Chromium, Total	0.004J	0.2	0.207	104		-	-	75-125	-	20
Copper, Total	0.007J	0.25	0.266	106		-	-	75-125	-	20
Lead, Total	0.010	0.51	0.524	101		-	-	75-125	-	20
Nickel, Total	0.002J	0.5	0.489	98		-	-	75-125	-	20
Selenium, Total	ND	0.12	0.126	105		-	-	75-125	-	20
Silver, Total	ND	0.05	0.050	99		-	-	75-125	-	20
Thallium, Total	ND	0.12	0.122	102		-	-	75-125	-	20
Zinc, Total	0.025J	0.5	0.560	112		-	-	75-125	-	20
Zinc, Total	0.025J	0.5	0.560	112		-	-	75-125	-	

Matrix Spike Analysis Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2020-SW

Lab Number: L2113476

arameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
otal Metals - Mansfield	Lab Associated sam	nple(s): 01-03	QC Bat	tch ID: WG1477710-	7 QC San	nple: L2113734-02	Client ID: MS	S Sample	
Antimony, Total	0.012J	0.5	0.527	105	-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.130	108	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.052	103	-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.055	108	-	-	75-125	-	20
Chromium, Total	ND	0.2	0.204	102	-	-	75-125	-	20
Copper, Total	ND	0.25	0.262	105	-	-	75-125	-	20
Lead, Total	ND	0.51	0.522	102	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.491	98	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.125	104	-	-	75-125	-	20
Silver, Total	ND	0.05	0.050	100	-	-	75-125	-	20
Thallium, Total	0.003J	0.12	0.125	104	-	-	75-125	-	20
Zinc, Total	0.008J	0.5	0.544	109	-	-	75-125	-	20
otal Metals - Mansfield	Lab Associated sam	nple(s): 01-03	QC Bat	tch ID: WG1477713-	3 QC San	nple: L2113151-02	Client ID: MS	S Sample	
Mercury, Total	ND	0.005	0.00523	105	-	-	70-130	-	20



Lab Duplicate Analysis

Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2020-SW

Lab Number:

L2113476

Report Date:

03/25/21

Parameter	N	Native Sample	Duplica	Duplicate Sample		RPD	Qual	RPD Limits
Total Metals - Mansfield Lab A	Associated sample(s): 01-03	QC Batch ID:	WG1477713-4	QC Sample:	L2113151-02	Client ID:	DUP Samp	le
Mercury, Total		ND		ND	mg/l	NC		20



INORGANICS & MISCELLANEOUS



Project Name: T. OF DEWITT LANDFILL MONITORI Lab Number: L2113476

Project Number: 1128-2020-SW Report Date: 03/25/21

SAMPLE RESULTS

Lab ID: L2113476-01 Date Collected: 03/18/21 10:45

Client ID: SW-1 Date Received: 03/18/21
Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - W	estborough Lab)								
Solids, Total Dissolved	430		mg/l	10	3.1	1	-	03/24/21 09:20	121,2540C	DW



Project Name: T. OF DEWITT LANDFILL MONITORI Lab Number: L2113476

Project Number: 1128-2020-SW Report Date: 03/25/21

SAMPLE RESULTS

Lab ID: L2113476-02 Date Collected: 03/18/21 10:30

Client ID: SW-2 Date Received: 03/18/21 Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - W	estborough Lab									
Solids, Total Dissolved	490		mg/l	10	3.1	1	-	03/24/21 09:20	121,2540C	DW



Project Name: T. OF DEWITT LANDFILL MONITORI Lab Number: L2113476

Project Number: 1128-2020-SW Report Date: 03/25/21

SAMPLE RESULTS

Lab ID: L2113476-03 Date Collected: 03/18/21 11:00

Client ID: SW-3 Date Received: 03/18/21 Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - W	estborough Lab									
Solids, Total Dissolved	410		mg/l	10	3.1	1	-	03/24/21 09:20	121,2540C	DW



L2113476

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

Project Number: 1128-2020-SW Report Date: 03/25/21

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - W	estborough Lab for sam	ple(s): 01	-03 Ba	tch: W0	G1478021-1				
Solids, Total Dissolved	ND	mg/l	10	3.1	1	-	03/24/21 09:20	121,2540C	DW



Project Name: T. OF DEWITT LANDFILL MONITORI

Lab Number: L2113476

Project Number: 1128-2020-SW Report Date:

03/25/21

Parameter	LCS %Recovery Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab	Associated sample(s): 01-03	Batch: WG1478	021-2				
Solids, Total Dissolved	96	-		80-120	-		



Lab Duplicate Analysis

Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2020-SW

Lab Number:

L2113476

Report Date:

03/25/21

Parameter	Native Sam	ple D	uplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab	Associated sample(s): 01-03	QC Batch ID:	WG1478021-3	QC Sample:	L2113476-01	Client ID:	SW-1
Solids, Total Dissolved	430		440	mg/l	2		10



Serial_No:03252119:32 **Lab Number:** L2113476

Report Date: 03/25/21

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2020-SW

Sample Receipt and Container Information

YES Were project specific reporting limits specified?

Cooler Information

Custody Seal Cooler

Α Absent

Container Information			Initial	Final	Temp			Frozen		
Container ID	Container Type	Cooler	рН	pН	deg C	Pres	Seal	Date/Time	Analysis(*)	
L2113476-01A	Vial Na2S2O3 preserved	Α	NA		3.4	Υ	Absent		624.1(3)	
L2113476-01B	Vial Na2S2O3 preserved	Α	NA		3.4	Υ	Absent		624.1(3)	
L2113476-01C	Vial Na2S2O3 preserved	Α	NA		3.4	Υ	Absent		624.1(3)	
L2113476-01D	Plastic 250ml unpreserved	Α	7	7	3.4	Υ	Absent		TDS-2540(7)	
L2113476-01E	Plastic 250ml HNO3 preserved	Α	<2	<2	3.4	Y	Absent		NI-UI(180),SB-UI(180),AG-UI(180),ZN- UI(180),SE-UI(180),HG-U(28),CD-UI(180),CR- UI(180),BE-UI(180),AS-UI(180),PB-UI(180),CU- UI(180),TL-UI(180)	
L2113476-02A	Vial Na2S2O3 preserved	Α	NA		3.4	Υ	Absent		624.1(3)	
L2113476-02B	Vial Na2S2O3 preserved	Α	NA		3.4	Υ	Absent		624.1(3)	
L2113476-02C	Vial Na2S2O3 preserved	Α	NA		3.4	Υ	Absent		624.1(3)	
L2113476-02D	Plastic 250ml unpreserved	Α	7	7	3.4	Υ	Absent		TDS-2540(7)	
L2113476-02E	Plastic 250ml HNO3 preserved	Α	<2	<2	3.4	Υ	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),AS-UI(180),PB- UI(180),CU-UI(180)	
L2113476-03A	Vial Na2S2O3 preserved	Α	NA		3.4	Υ	Absent		624.1(3)	
L2113476-03B	Vial Na2S2O3 preserved	Α	NA		3.4	Υ	Absent		624.1(3)	
L2113476-03C	Vial Na2S2O3 preserved	Α	NA		3.4	Υ	Absent		624.1(3)	
L2113476-03D	Plastic 250ml unpreserved	Α	7	7	3.4	Υ	Absent		TDS-2540(7)	
L2113476-03E	Plastic 250ml HNO3 preserved	Α	<2	<2	3.4	Υ	Absent		SB-UI(180),NI-UI(180),AG-UI(180),ZN- UI(180),SE-UI(180),HG-U(28),CD-UI(180),BE- UI(180),CR-UI(180),AS-UI(180),TL-UI(180),CU- UI(180),PB-UI(180)	
L2113476-04A	Vial Na2S2O3 preserved	Α	NA		3.4	Υ	Absent		624.1(3)	
L2113476-04B	Vial Na2S2O3 preserved	Α	NA		3.4	Υ	Absent		624.1(3)	



Project Name: Lab Number: T. OF DEWITT LANDFILL MONITORI L2113476 **Project Number:** 1128-2020-SW **Report Date:** 03/25/21

GLOSSARY

Acronyms

EMPC

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).

- 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

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

MDI - 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.

- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile NR

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.

TEO - 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 MONITORILab Number:L2113476Project Number:1128-2020-SWReport Date:03/25/21

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.

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'. 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, Benza(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 at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a "Total' result is requested, the results of its individual components will also be reported.

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.)

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

- Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- 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 concentrations of the analyte at less than ten times (10x) the concentrations of the analyte was 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).
- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- 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.
- Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- 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.

Report Format: DU Report with 'J' Qualifiers



Project Name:T. OF DEWITT LANDFILL MONITORILab Number:L2113476Project Number:1128-2020-SWReport Date:03/25/21

Data Qualifiers

- 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.

Report Format: DU Report with 'J' Qualifiers



Project Name:T. OF DEWITT LANDFILL MONITORILab Number:L2113476Project Number:1128-2020-SWReport Date:03/25/21

REFERENCES

- 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.



Alpha Analytical, Inc. Facility: Company-wide

Department: Quality Assurance

Title: Certificate/Approval Program Summary

ID No.:17873 Revision 18

Page 1 of 1

Published Date: 2/16/2021 5:32:02 PM

Certification Information

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

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene

EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; EPA 353.2: Nitrate-N, Nitrite-N; SM4500NO3-F: Nitrate-N, Nitrite-N; SM4500F-C, SM4500CN-CE,

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; 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 Kieldahl-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 II, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), EPA 600/4-81-045: PCB-Oil.

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

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

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

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

Document Type: Form

Pre-Qualtrax Document ID: 08-113

Westborough, MA 01581 6 Walkup Dr. TEL: 508-898-9220	NEW YORK CHAIN OF CUSTODY Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300	Service Centers Mahwah, NJ 07430: 35 Whitney Albany, NY 12205: 14 Walker V Tonawanda, NY 14150: 275 Co Project Information Project Name:	Vay			e 1 f 1	Deliv	in rembie		3/19	2/ ASP-I	В	ALPHA Job # 12 13 476 Billing Information Same as Client Info		
FAX: 508-898-9193	FAX: 506-822-3288	Project Location:	Fisher Rd, E					EQu	S (1 File	e) [EQuis	S (4 File)	PO#		
Client Information		Project #	1128-2021-5					Othe	r						
700000000000000000000000000000000000000	itt c/o Kerrie Fusco	(Use Project name as Pr	roject#)				Reg	Jatory	Require	ment	79		Disposal Site Information		
- Contract C	ernut Drive	Project Manager:	Gerry Gould	/Miller Engin	neers			NYT	OGS		NY Pa	rt 375	Please identify below location of		
East Syracuse, NY 13		ALPHAQuote #:			-		AWQ Standards NY CP-51						applicable disposal facilities.		
	-2144 cell	Turn Around Time				200	NY Restricted Use Other NY Unrestricted Use					Disposal Facility:			
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	gouldgw.com	Rush (only if pre approved	2.00	# of Day	Ti		NYC Sewer Discharge						Other.		
	been previously analyz	zed by Alpha					ANA	LYSIS	-				Sample Filtration		
Client Code: DEWITT Please specify Meta		ments.					624.1	PP Metals	TDS				Done Lab to do Preservation Lab to do (Please Specify below)		
ALPHA Lab ID		and the second	Coll	ection	Sample	Sampler's	1	-	1 1		1	1 1			
(Lab Use Only)	8	ample ID	Date	Time	Matrix	Initials	1			-10		1144	Sample Specific Comments		
13476-01	SW-1		3/18/21	1045	sw	ES	x	х	x				5		
-02	SW-2		3/18/21	1030	sw	ES	x	x	х				5		
-03	SW-3		3/18/21	1100	sw	ES	X	х	X				5		
-4	TRIP BLANK						x						2		
Preservative Code: Container Code Westboro: Certification A = None P = Plastic B = HCl A = Amber Glass Mansfield: Certification C = HNO ₃ V = Vial		0.0000000				v	P	р				Please print clearly, legibly and completely. Samples can not be logged in and			
D = H ₂ SO ₄ E = NaOH E = MaOH	G = Glass B = Bacteria Cup C = Cube	Batta and Alexander	Dur			Preservative	H C A			-			turnaround time clock will not start until any ambiguities are		
G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other	F = MeOH		A BCE	ived B	y: -	ŀ		/Time 21 003	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)					120							TENNS & CONDITIONS.		



ANALYTICAL REPORT

Lab Number: L2128157

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: 1128-2020-SW

Report Date: 06/15/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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: 1128-2020-SW

Lab Number:

L2128157

Report Date: 06/15/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2128157-01	SW-1	WATER	FISHER RD, EAST SYRACUSE	05/26/21 09:00	05/26/21
L2128157-02	SW-2	WATER	FISHER RD, EAST SYRACUSE	05/26/21 14:50	05/26/21
L2128157-03	SW-3	WATER	FISHER RD, EAST SYRACUSE	05/26/21 09:20	05/26/21
L2128157-04	TRIP BLANK	WATER	FISHER RD, EAST SYRACUSE	05/26/21 00:00	05/26/21



Project Name: T. OF DEWITT LANDFILL MONITORI Lab Number: L2128157

Project Number: 1128-2020-SW Report Date: 06/15/21

Case Narrative

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

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

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

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

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

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



Serial_No:06152117:26

Project Name:

T. OF DEWITT LANDFILL MONITORI

Lab Number:

L2128157

Project Number:

1128-2020-SW

Report Date:

06/15/21

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

L2128157-03: 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

The WG1505092-3 LCS recovery, associated with L2128157-01 through -04, is above the acceptance criteria for bromoform (140%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

Total Metals

L2128157-03: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

Total Mercury

L2128157-01 and -03: The sample has elevated detection limits 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.

Cattlin Wallet Caitlin Walukevich

Authorized Signature:

Title: Technical Director/Representative

Date: 06/15/21



ORGANICS



VOLATILES



L2128157

06/15/21

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2020-SW

SAMPLE RESULTS

Date Collected: 05/26/21 09:00

Lab Number:

Report Date:

OAMII EE NEGGE

Client ID: SW-1

Sample Location: FISHER RD, EAST SYRACUSE

L2128157-01

Date Received: 05/26/21
Field Prep: Not Specified

Sample Depth:

Lab ID:

Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 05/28/21 03:51

Analyst: GT

Volatile Organics by GC/MS - Westborough Methylene chloride 1,1-Dichloroethane Chloroform Carbon tetrachloride 1,2-Dichloropropane Dibromochloromethane	ND ND ND ND ND ND ND		ug/l ug/l	1.0 1.5	0.56 0.40	1
1,1-Dichloroethane Chloroform Carbon tetrachloride 1,2-Dichloropropane	ND ND ND		ug/l			1
Chloroform Carbon tetrachloride 1,2-Dichloropropane	ND ND			1.5	0.40	
Carbon tetrachloride 1,2-Dichloropropane	ND				0.40	1
1,2-Dichloropropane			ug/l	1.0	0.38	1
	ND		ug/l	1.0	0.24	1
Dibromochloromethane	ND		ug/l	3.5	0.46	1
	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	0.56	J	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	0.71	J	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



06/15/21

Project Name: Lab Number: T. OF DEWITT LANDFILL MONITORI L2128157

Project Number: 1128-2020-SW

SAMPLE RESULTS

Date Collected: 05/26/21 09:00

Report Date:

Lab ID: L2128157-01 Client ID: Date Received: 05/26/21

SW-1 Sample Location: Field Prep: Not Specified FISHER RD, EAST SYRACUSE

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	Acceptanc Qualifier Criteria	e
Pentafluorobenzene	111	60-140	
Fluorobenzene	88	60-140	
4-Bromofluorobenzene	94	60-140	



Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2020-SW

SAMPLE RESULTS

Lab ID: L2128157-02 Client ID: SW-2

Sample Location: FISHER RD, EAST SYRACUSE

Date Received: Field Prep:

Lab Number:

Report Date:

Date Collected:

05/26/21 14:50 05/26/21 Not Specified

L2128157

06/15/21

Sample Depth:

Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 05/28/21 07:32

Analyst: GT

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westboroug	gh 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	0.78	J	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



06/15/21

Report Date:

Project Name: T. OF DEWITT LANDFILL MONITORI Lab Number: L2128157

Project Number: 1128-2020-SW

SAMPLE RESULTS

Lab ID: L2128157-02 Date Collected: 05/26/21 14:50

Client ID: SW-2 Date Received: 05/26/21

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 - Westbo	orough 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	9.9	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	ND		ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
Pentafluorobenzene	111		60-140	
Fluorobenzene	87		60-140	
4-Bromofluorobenzene	96		60-140	



L2128157

05/26/21

Not Specified

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2020-SW

SAMPLE RESULTS

Date Collected: 05/26/21 09:20

Report Date: 06/15/21

Lab Number:

Date Received:

Lab ID: L2128157-03

Client ID: SW-3

Sample Location: FISHER RD, EAST SYRACUSE

Field Prep:

Sample Depth:

Matrix: Water Analytical Method: 128,624.1 Analytical Date: 05/28/21 04:28

Analyst: GT

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 Carbon tetrachloride ND ug/l 1.0 0.24 1 Dibromochloromethane ND ug/l 1.5 0.46 1 1,1,2-Trichloroethane ND ug/l 1.5 0.34 1 2-Chloroethylvinyl ether ND ug/l 1.0 0.25 1 1-Chloroethane ND ug/l 1.0 0.26 1 1-Chloroethane ND ug/l 1.0 0.26 1 1,1,1-Trichloroethane ND ug/l 2.0 0.29 1 1,2-Dichloropropene ND ug/l 1.5 0.31 1 1,1-1,1-Trichloroethane	Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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 1,0 0,24 1 Dibromochloromethane ND ug/l 1,5 0,34 1 1,1,2-Trichlorosthane ND ug/l 1,5 0,34 1 2-Chloroethylvinyl ether ND ug/l 1,0 0,26 1 Tetrachloroethane ND ug/l 1,0 0,26 1 Chlorobenzene ND ug/l 1,0 0,26 1 Trichlorofluoromethane ND ug/l 5,0 0,28 1 Trichlorofluoromethane ND ug/l 1,5 0,47 1 Bromodichloromethane ND ug/l 1,0 0,28 1 Bromodichloromethane ND ug/l 1,5 0,34	Volatile Organics by GC/MS - Westbo	rough Lab					
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 1.0 0.24 1 Dibromochloromethane ND ug/l 1.0 0.27 1 1,1,2-Trichloroethane ND ug/l 1.5 0.34 1 2-Chloroethylwinyl ether ND ug/l 1.0 0.26 1 2-Chloroethylwinyl ether ND ug/l 1.0 0.26 1 Chlorobenzene ND ug/l 1.0 0.26 1 Chloroethane ND ug/l 5.0 0.28 1 1,1-1-Trichloroethane ND ug/l 1.5 0.47 1 1,1-1-Trichloroethane ND ug/l 1.5 0.47 1 Bromochloromethane ND ug/l 1.5 0.31 1 Bromochloromethane ND ug/l 1.5 0.31	Methylene chloride	ND		ug/l	1.0	0.56	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-Trichlorosthane ND ug/l 1.5 0.34 1 2-Chlorosthylvinyl ether ND ug/l 1.0 0.26 1 Tetrachlorosthane ND ug/l 1.0 0.26 1 Chlorobenzene ND ug/l 1.0 0.26 1 Chlorobenzene ND ug/l 1.0 0.26 1 Chlorobenzene ND ug/l 1.5 0.30 1 Trichlorofluoromethane ND ug/l 1.5 0.47 1 1,1-1,1-Trichloroethane ND ug/l 1.0 0.28 1 Bromodichloromethane ND ug/l 1.5 0.31 1 trans-1,3-Dichloropropene ND ug/l 1.0	1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
1,2-Dichloropropane ND	Chloroform	ND		ug/l	1.0	0.38	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 1.5 0.47 1 1,1,1-Trichloroethane ND ug/l 1.0 0.28 1 Bromodichloromethane ND ug/l 1.0 0.28 1 trans-1,3-Dichloropropene ND ug/l 1.5 0.31 1 tis-1,3-Dichloropropene ND ug/l 1.0 0.22 1 1,1,2,2-Tetrachloroethane ND ug/l 1.	Carbon tetrachloride	ND		ug/l	1.0	0.24	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 1,1,1-Trichloroethane ND ug/l 1,5 0,47 1 1,1,1-Trichloroethane ND ug/l 1,5 0,47 1 Bromodichloromethane ND ug/l 1,0 0,28 1 Bromodichloromethane ND ug/l 1,0 0,28 1 Itrans-1,3-Dichloropropene ND ug/l 1,5 0,31 1 isi-1,3-Dichloropropene ND ug/l 1,0 0,22 1 Bromoform ND ug/l 1,0 0,22 1 1,1,2,2-Tetrachloroethane ND ug/l 1,0	1,2-Dichloropropane	ND		ug/l	3.5	0.46	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 0.38 1 Toluene ND ug/l 1.0 0.31 1 Ethylbenzene ND ug/l 1.0 0.28	Dibromochloromethane	ND		ug/l	1.0	0.27	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 Horomoform ND ug/l 1.0 0.22 1 1,1,2,2-Tetrachloroethane ND ug/l 1.0 0.38 1 Toluene ND ug/l 1.0 0.38 1 Ethylbenzene ND ug/l 5.0 1.0 1	1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	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 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 5.0 1.2 1	2-Chloroethylvinyl ether	ND		ug/l	10	0.35	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 0.22 1 Benzene ND ug/l 1.0 0.38 1 Toluene ND ug/l 1.0 0.38 1 Ethylbenzene ND ug/l 1.0 0.28 1 Chloromethane ND ug/l 5.0 1.2 1 Vinyl chloride ND ug/l 5.0 1.2 1 <td>Tetrachloroethene</td> <td>ND</td> <td></td> <td>ug/l</td> <td>1.0</td> <td>0.26</td> <td>1</td>	Tetrachloroethene	ND		ug/l	1.0	0.26	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 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 5.0 1.0 1 Chloromethane ND ug/l 5.0 1.2 1 Vinyl chloride ND ug/l 1.0 0.38 1	Chlorobenzene	ND		ug/l	3.5	0.30	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 1.0 0.37 1 1,1-Dichloroethene ND ug/l 1.0 0.31 1	Trichlorofluoromethane	ND		ug/l	5.0	0.28	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	1,2-Dichloroethane	ND		ug/l	1.5	0.47	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	1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	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 1.0 0.38 1 1,1-Dichloroethene ND ug/l 1.0 0.37 1 trans-1,2-Dichloroethene ND ug/l 1.5 0.33 1	Bromodichloromethane	ND		ug/l	1.0	0.28	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	trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	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-1,3-Dichloropropene	ND		ug/l	1.5	0.34	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	Bromoform	ND		ug/l	1.0	0.22	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	1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	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	Benzene	ND		ug/l	1.0	0.38	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	Toluene	ND		ug/l	1.0	0.31	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	Ethylbenzene	ND		ug/l	1.0	0.28	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	Chloromethane	ND		ug/l	5.0	1.0	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	Bromomethane	ND		ug/l	5.0	1.2	1
1,1-Dichloroethene ND ug/l 1.0 0.31 1 trans-1,2-Dichloroethene ND ug/l 1.5 0.33 1	Vinyl chloride	ND		ug/l	1.0	0.38	1
trans-1,2-Dichloroethene ND ug/l 1.5 0.33 1	Chloroethane	ND		ug/l	2.0	0.37	1
	1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
ris 4.0 Pith breathers	trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dicnioroetnene ND ug/l 1.0 0.17 1	cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1



06/15/21

Report Date:

Project Name: T. OF DEWITT LANDFILL MONITORI Lab Number: L2128157

Project Number: 1128-2020-SW

SAMPLE RESULTS

Lab ID: L2128157-03 Date Collected: 05/26/21 09:20

Client ID: SW-3 Date Received: 05/26/21

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	5.5	J	ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	1.2	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	110		60-140	
Fluorobenzene	88		60-140	
4-Bromofluorobenzene	93		60-140	



L2128157

06/15/21

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2020-SW

SAMPLE RESULTS

Lab Number:

Report Date:

Lab ID: L2128157-04 Date Collected: 05/26/21 00:00

Client ID: TRIP BLANK Date Received: 05/26/21
Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 05/28/21 03:14

Analyst: GT

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Volatile Organics by GC/MS - West	tborough 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	0.39	J	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	



06/15/21

Report Date:

Project Name: T. OF DEWITT LANDFILL MONITORI Lab Number: L2128157

Project Number: 1128-2020-SW

SAMPLE RESULTS

Lab ID: L2128157-04 Date Collected: 05/26/21 00:00

Client ID: TRIP BLANK Date Received: 05/26/21

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	n 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	4.2	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	ND		ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
Pentafluorobenzene	112		60-140	
Fluorobenzene	88		60-140	
4-Bromofluorobenzene	93		60-140	



L2128157

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

Project Number: 1128-2020-SW Report Date: 06/15/21

Method Blank Analysis Batch Quality Control

Analytical Method: 128,624.1 Analytical Date: 05/28/21 02:37

Analyst: GT

arameter	Result	Qualifier U	nits	RL	MDL
olatile Organics by GC/MS -	· Westborough Lab	for sample(s	s): 01-04	Batch:	WG1505092-4
Methylene chloride	ND	1	ug/l	1.0	0.56
1,1-Dichloroethane	ND	ı	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	ı	ug/l	3.5	0.46
Dibromochloromethane	ND	ı	ug/l	1.0	0.27
1,1,2-Trichloroethane	ND	ı	ug/l	1.5	0.34
2-Chloroethylvinyl ether	ND	ı	ug/l	10	0.35
Tetrachloroethene	ND	ı	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	l	ug/l	1.5	0.47
1,1,1-Trichloroethane	ND	l	ug/l	2.0	0.29
Bromodichloromethane	ND	l	ug/l	1.0	0.28
trans-1,3-Dichloropropene	ND	l	ug/l	1.5	0.31
cis-1,3-Dichloropropene	ND	l	ug/l	1.5	0.34
Bromoform	ND	ı	ug/l	1.0	0.22
1,1,2,2-Tetrachloroethane	ND	ı	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	1.3	J	ug/l	5.0	1.2
Vinyl chloride	ND	ı	ug/l	1.0	0.38
Chloroethane	ND	ı	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



L2128157

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

Project Number: 1128-2020-SW **Report Date:** 06/15/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1 Analytical Date: 05/28/21 02:37

Analyst: GT

Parameter	Result Q	ualifier Units	RL	MDL
olatile Organics by GC/MS - Wes	stborough Lab fo	r sample(s): 01-04	Batch:	WG1505092-4
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

		Acceptance	
Surrogate	%Recovery	Qualifier Criteria	
			_
Pentafluorobenzene	109	60-140	
Fluorobenzene	88	60-140	
4-Bromofluorobenzene	94	60-140	



Lab Control Sample Analysis Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2020-SW

Lab Number: L2128157

Report Date: 06/15/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	RPD Qual Limits	
Volatile Organics by GC/MS - Westborough	Lab Associated	sample(s):	01-04 Batch: W	/G1505092-	3			
Methylene chloride	80		-		60-140	-	28	
1,1-Dichloroethane	80		-		50-150	-	49	
Chloroform	90		-		70-135	-	54	
Carbon tetrachloride	95		-		70-130	-	41	
1,2-Dichloropropane	85		-		35-165	-	55	
Dibromochloromethane	120		-		70-135	-	50	
1,1,2-Trichloroethane	110		-		70-130	-	45	
2-Chloroethylvinyl ether	115		-		1-225	-	71	
Tetrachloroethene	120		-		70-130	-	39	
Chlorobenzene	95		-		65-135	-	53	
Trichlorofluoromethane	80		-		50-150	-	84	
1,2-Dichloroethane	85		-		70-130	-	49	
1,1,1-Trichloroethane	90		-		70-130	-	36	
Bromodichloromethane	110		-		65-135	-	56	
trans-1,3-Dichloropropene	100		-		50-150	-	86	
cis-1,3-Dichloropropene	105		-		25-175	-	58	
Bromoform	140	Q	-		70-130	-	42	
1,1,2,2-Tetrachloroethane	125		-		60-140	-	61	
Benzene	90		-		65-135	-	61	
Toluene	110		-		70-130	-	41	
Ethylbenzene	105		-		60-140	-	63	
Chloromethane	60		-		1-205	-	60	
Bromomethane	65		-		15-185	-	61	



Lab Control Sample Analysis Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2020-SW

Lab Number: L2128157

Report Date: 06/15/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough I	_ab Associated	sample(s): 0	11-04 Batch: V	VG1505092-3	3			
Vinyl chloride	65		-		5-195	-		66
Chloroethane	80		-		40-160	-		78
1,1-Dichloroethene	80		-		50-150	-		32
trans-1,2-Dichloroethene	80		-		70-130	-		45
cis-1,2-Dichloroethene	95		-		60-140	-		30
Trichloroethene	85		-		65-135	-		48
1,2-Dichlorobenzene	110		-		65-135	-		57
1,3-Dichlorobenzene	110		-		70-130	-		43
1,4-Dichlorobenzene	110		-		65-135	-		57
p/m-Xylene	102		-		60-140	-		30
o-xylene	100		-		60-140	-		30
Styrene	100		-		60-140	•		30
Acetone	110		-		40-160	•		30
Carbon disulfide	75		-		60-140	•		30
2-Butanone	112		-		60-140	-		30
Vinyl acetate	105		-		60-140	-		30
4-Methyl-2-pentanone	130		-		60-140	-		30
2-Hexanone	136		-		60-140	-		30
Acrolein	98		-		60-140	-		30
Acrylonitrile	108		-		60-140	-		60
Dibromomethane	80		-		70-130	-		30



Lab Control Sample Analysis

T. OF DEWITT LANDFILL MONITORI

Batch Quality Control

Lab Number:

L2128157

Project Number: 1128-2020-SW

Project Name:

Report Date:

06/15/21

LCS **LCSD** %Recovery RPD %Recovery %Recovery Limits Parameter Qual Qual Limits RPD Qual

Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1505092-3

Surrogate	LCS %Recovery Qual	LCSD %Recovery	Qual	Acceptance Criteria
Pentafluorobenzene	114			60-140
Fluorobenzene	88			60-140
4-Bromofluorobenzene	93			60-140

METALS



Project Name: Lab Number: T. OF DEWITT LANDFILL MONITORI L2128157

Project Number: Report Date: 1128-2020-SW 06/15/21

SAMPLE RESULTS

Lab ID: L2128157-01

Date Collected: 05/26/21 09:00 Client ID: SW-1 Date Received: 05/26/21

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
	- TOOUN	- Cualifion					<u> </u>	<u> </u>			——
Total Metals - Mans	field Lab										
Antimony, Total	ND		mg/l	0.050	0.007	1	06/11/21 15:39	06/14/21 18:59	EPA 3005A	19,200.7	BV
Arsenic, Total	0.010		mg/l	0.005	0.002	1	06/11/21 15:39	06/14/21 18:59	EPA 3005A	19,200.7	BV
Beryllium, Total	ND		mg/l	0.005	0.001	1	06/11/21 15:39	06/14/21 18:59	EPA 3005A	19,200.7	BV
Cadmium, Total	0.003	J	mg/l	0.005	0.001	1	06/11/21 15:39	06/14/21 18:59	EPA 3005A	19,200.7	BV
Chromium, Total	ND		mg/l	0.010	0.002	1	06/11/21 15:39	06/14/21 18:59	EPA 3005A	19,200.7	BV
Copper, Total	0.011		mg/l	0.010	0.002	1	06/11/21 15:39	06/14/21 18:59	EPA 3005A	19,200.7	BV
Lead, Total	0.008	J	mg/l	0.010	0.003	1	06/11/21 15:39	06/14/21 18:59	EPA 3005A	19,200.7	BV
Mercury, Total	ND		mg/l	0.00100	0.00045	1	06/11/21 16:38	3 06/12/21 16:34	EPA 245.1	3,245.1	NB
Nickel, Total	0.011	J	mg/l	0.025	0.002	1	06/11/21 15:39	06/14/21 18:59	EPA 3005A	19,200.7	BV
Selenium, Total	ND		mg/l	0.010	0.004	1	06/11/21 15:39	06/14/21 18:59	EPA 3005A	19,200.7	BV
Silver, Total	ND		mg/l	0.007	0.003	1	06/11/21 15:39	06/14/21 18:59	EPA 3005A	19,200.7	BV
Thallium, Total	ND		mg/l	0.020	0.003	1	06/11/21 15:39	06/14/21 18:59	EPA 3005A	19,200.7	BV
Zinc, Total	0.149		mg/l	0.050	0.002	1	06/11/21 15:39	06/14/21 18:59	EPA 3005A	19,200.7	BV



05/26/21 14:50

Project Name:T. OF DEWITT LANDFILL MONITORILab Number:L2128157

Project Number: 1128-2020-SW **Report Date:** 06/15/21

SAMPLE RESULTS

Lab ID: L2128157-02 Date Collected:

Client ID: SW-2 Date Received: 05/26/21

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

Sample Depth:

_						Dilution	Date	Date	Prep	Analytical Method	
Parameter	Result	Qualifier	Units	RL	MDL	Factor	Prepared	Analyzed	Method	Wethou	Analyst
Total Metals - Mans	field Lab										
Antimony, Total	ND		mg/l	0.050	0.007	1	06/11/21 15:39	06/14/21 19:04	EPA 3005A	19,200.7	BV
Arsenic, Total	0.016		mg/l	0.005	0.002	1	06/11/21 15:39	06/14/21 19:04	EPA 3005A	19,200.7	BV
Beryllium, Total	ND		mg/l	0.005	0.001	1	06/11/21 15:39	06/14/21 19:04	EPA 3005A	19,200.7	BV
Cadmium, Total	0.002	J	mg/l	0.005	0.001	1	06/11/21 15:39	06/14/21 19:04	EPA 3005A	19,200.7	BV
Chromium, Total	0.010		mg/l	0.010	0.002	1	06/11/21 15:39	06/14/21 19:04	EPA 3005A	19,200.7	BV
Copper, Total	0.024		mg/l	0.010	0.002	1	06/11/21 15:39	06/14/21 19:04	EPA 3005A	19,200.7	BV
Lead, Total	0.022		mg/l	0.010	0.003	1	06/11/21 15:39	06/14/21 19:04	EPA 3005A	19,200.7	BV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/11/21 16:38	06/12/21 16:37	EPA 245.1	3,245.1	NB
Nickel, Total	0.027		mg/l	0.025	0.002	1	06/11/21 15:39	06/14/21 19:04	EPA 3005A	19,200.7	BV
Selenium, Total	ND		mg/l	0.010	0.004	1	06/11/21 15:39	06/14/21 19:04	EPA 3005A	19,200.7	BV
Silver, Total	ND		mg/l	0.007	0.003	1	06/11/21 15:39	06/14/21 19:04	EPA 3005A	19,200.7	BV
Thallium, Total	ND		mg/l	0.020	0.003	1	06/11/21 15:39	06/14/21 19:04	EPA 3005A	19,200.7	BV
Zinc, Total	0.122		mg/l	0.050	0.002	1	06/11/21 15:39	06/14/21 19:04	EPA 3005A	19,200.7	BV



Project Name: Lab Number: T. OF DEWITT LANDFILL MONITORI L2128157

Project Number: Report Date: 1128-2020-SW 06/15/21

SAMPLE RESULTS

Lab ID: L2128157-03

Date Collected: 05/26/21 09:20 Client ID: SW-3 Date Received: 05/26/21

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mans	field Lab										
Antimony, Total	0.048	J	mg/l	0.100	0.014	2	06/11/21 15:39	9 06/14/21 19:08	EPA 3005A	19,200.7	BV
Arsenic, Total	ND		mg/l	0.010	0.004	2	06/11/21 15:39	9 06/14/21 19:08	EPA 3005A	19,200.7	BV
Beryllium, Total	ND		mg/l	0.010	0.002	2	06/11/21 15:39	06/14/21 19:08	EPA 3005A	19,200.7	BV
Cadmium, Total	0.032		mg/l	0.010	0.002	2	06/11/21 15:39	06/14/21 19:08	EPA 3005A	19,200.7	BV
Chromium, Total	ND		mg/l	0.020	0.004	2	06/11/21 15:39	06/14/21 19:08	EPA 3005A	19,200.7	BV
Copper, Total	0.036		mg/l	0.020	0.004	2	06/11/21 15:39	06/14/21 19:08	EPA 3005A	19,200.7	BV
Lead, Total	0.099		mg/l	0.020	0.005	2	06/11/21 15:39	06/14/21 19:08	EPA 3005A	19,200.7	BV
Mercury, Total	ND		mg/l	0.00500	0.00227	' 1	06/11/21 16:38	3 06/12/21 16:40	EPA 245.1	3,245.1	NB
Nickel, Total	0.068		mg/l	0.050	0.005	2	06/11/21 15:39	06/14/21 19:08	EPA 3005A	19,200.7	BV
Selenium, Total	0.010	J	mg/l	0.020	0.007	2	06/11/21 15:39	06/14/21 19:08	EPA 3005A	19,200.7	BV
Silver, Total	0.009	J	mg/l	0.014	0.006	2	06/11/21 15:39	06/14/21 19:08	EPA 3005A	19,200.7	BV
Thallium, Total	0.026	J	mg/l	0.040	0.005	2	06/11/21 15:39	06/14/21 19:08	EPA 3005A	19,200.7	BV
Zinc, Total	0.585		mg/l	0.100	0.004	2	06/11/21 15:39	06/14/21 19:08	EPA 3005A	19,200.7	BV



Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2020-SW

Lab Number:

L2128157

Report Date: 06/15/21

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansf	ield Lab for sample(s):	01-03 I	Batch: W	G15104	66-1				
Antimony, Total	ND	mg/l	0.050	0.007	1	06/11/21 15:39	06/14/21 15:55	19,200.7	GD
Arsenic, Total	ND	mg/l	0.005	0.002	1	06/11/21 15:39	06/14/21 15:55	19,200.7	GD
Beryllium, Total	ND	mg/l	0.005	0.001	1	06/11/21 15:39	06/14/21 15:55	19,200.7	GD
Cadmium, Total	ND	mg/l	0.005	0.001	1	06/11/21 15:39	06/14/21 15:55	19,200.7	GD
Chromium, Total	ND	mg/l	0.010	0.002	1	06/11/21 15:39	06/14/21 15:55	19,200.7	GD
Copper, Total	ND	mg/l	0.010	0.002	1	06/11/21 15:39	06/14/21 15:55	19,200.7	GD
Lead, Total	ND	mg/l	0.010	0.003	1	06/11/21 15:39	06/14/21 15:55	19,200.7	GD
Nickel, Total	ND	mg/l	0.025	0.002	1	06/11/21 15:39	06/14/21 15:55	19,200.7	GD
Selenium, Total	ND	mg/l	0.010	0.004	1	06/11/21 15:39	06/14/21 15:55	19,200.7	GD
Silver, Total	ND	mg/l	0.007	0.003	1	06/11/21 15:39	06/14/21 15:55	19,200.7	GD
Thallium, Total	ND	mg/l	0.020	0.003	1	06/11/21 15:39	06/14/21 15:55	19,200.7	GD
Zinc, Total	ND	mg/l	0.050	0.002	1	06/11/21 15:39	06/14/21 15:55	19,200.7	GD

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	
Total Metals - Man	sfield Lab for sample(s):	01-03	Batch: Wo	G15104	68-1				
Mercury, Total	ND	mg/l	0.00020	0.00009) 1	06/11/21 16:38	06/12/21 15:57	7 3,245.1	NB

Prep Information

Digestion Method: EPA 245.1



Lab Control Sample Analysis Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2020-SW

Lab Number: L2128157

Report Date: 06/15/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample	e(s): 01-03 Bat	ch: WG151	0466-2					
Antimony, Total	86		-		85-115	-		
Arsenic, Total	105		-		85-115	-		
Beryllium, Total	99		-		85-115	-		
Cadmium, Total	102		-		85-115	-		
Chromium, Total	96		-		85-115	-		
Copper, Total	96		-		85-115	-		
Lead, Total	100		-		85-115	-		
Nickel, Total	93		-		85-115	-		
Selenium, Total	102		-		85-115	-		
Silver, Total	98		-		85-115	-		
Thallium, Total	101		-		85-115	-		
Zinc, Total	104		-		85-115	-		
Total Metals - Mansfield Lab Associated sample	e(s): 01-03 Bat	ch: WG151	0468-2					
Mercury, Total	95		-		85-115	-		



Matrix Spike Analysis Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2020-SW

Lab Number:

L2128157

Report Date:

06/15/21

arameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery Q	Recovery ual Limits	RPD Qual	RPD Limits
otal Metals - Mansfield La	b Associated san	nple(s): 01-03	QC Ba	tch ID: WG151	0466-3	QC San	nple: L2130427-01	Client ID: MS	S Sample	
Antimony, Total	ND	0.5	0.515	103		-	-	75-125	-	20
Arsenic, Total	0.002J	0.12	0.134	112		-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.051	101		-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.053	103		-	-	75-125	-	20
Chromium, Total	ND	0.2	0.197	98		-	-	75-125	-	20
Copper, Total	ND	0.25	0.247	99		-	-	75-125	-	20
Lead, Total	ND	0.51	0.516	101		-	-	75-125	-	20
Nickel, Total	ND	0.5	0.470	94		-	-	75-125	-	20
Selenium, Total	ND	0.12	0.126	105		-	-	75-125	-	20
Silver, Total	ND	0.05	0.050	100		-	-	75-125	-	20
Thallium, Total	ND	0.12	0.121	101		-	-	75-125	-	20
Zinc, Total	0.010J	0.5	0.535	107		-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2020-SW

Lab Number: L2128157

Report Date: 06/15/21

arameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield L	ab Associated sam	nple(s): 01-03	QC Bat	ch ID: WG1510466-7	QC Sam	ple: L2130427-02	Client ID: MS	Sample	
Antimony, Total	ND	0.5	0.499	100	-	-	75-125	-	20
Arsenic, Total	0.002J	0.12	0.132	110	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.051	101	-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.053	103	-	-	75-125	-	20
Chromium, Total	ND	0.2	0.198	99	-	-	75-125	-	20
Copper, Total	ND	0.25	0.249	100	-	-	75-125	-	20
Lead, Total	0.029	0.51	0.534	99	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.471	94	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.124	103	-	-	75-125	-	20
Silver, Total	ND	0.05	0.050	100	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.120	100	-	-	75-125	-	20
Zinc, Total	0.015J	0.5	0.539	108	-	-	75-125	-	20
otal Metals - Mansfield L	ab Associated sam	nple(s): 01-03	QC Bat	ch ID: WG1510468-	QC Sam	ple: L2130940-01	Client ID: MS	Sample	
Mercury, Total	0.00016J	0.005	0.00500	100	-	-	70-130	-	20
otal Metals - Mansfield L	ab Associated sam	nple(s): 01-03	QC Bat	ch ID: WG1510468-	QC Sam	ple: L2130940-02	Client ID: MS	Sample	
Mercury, Total	0.00117	0.005	0.00561	89	-	-	70-130	-	20



Lab Duplicate Analysis Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2020-SW

Lab Number:

L2128157

Report Date:

06/15/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual RPD	Limits
Total Metals - Mansfield Lab Associated sampl	e(s): 01-03 QC Batch ID:	WG1510468-4 QC Sample:	L2130940-01	Client ID:	DUP Sample	
Mercury, Total	0.00016J	0.00016J	mg/l	NC		20
Total Metals - Mansfield Lab Associated sampl	e(s): 01-03 QC Batch ID:	WG1510468-6 QC Sample:	L2130940-02	Client ID:	DUP Sample	
Mercury, Total	0.00117	0.00122	mg/l	4		20



INORGANICS & MISCELLANEOUS



Project Name: T. OF DEWITT LANDFILL MONITORI Lab Number: L2128157

Project Number: 1128-2020-SW Report Date: 06/15/21

SAMPLE RESULTS

Lab ID: L2128157-01 Date Collected: 05/26/21 09:00

Client ID: SW-1 Date Received: 05/26/21

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - W	estborough Lab									
Solids, Total Dissolved	1400		mg/l	20	6.1	2	-	06/01/21 06:20	121,2540C	DW



Project Name: T. OF DEWITT LANDFILL MONITORI Lab Number: L2128157

Project Number: 1128-2020-SW Report Date: 06/15/21

SAMPLE RESULTS

Lab ID: L2128157-02 Date Collected: 05/26/21 14:50

Client ID: SW-2 Date Received: 05/26/21 Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - We	estborough Lab									
Solids, Total Dissolved	380		mg/l	20	6.1	2	-	06/01/21 06:20	121,2540C	DW



Project Name: T. OF DEWITT LANDFILL MONITORI Lab Number: L2128157

Project Number: 1128-2020-SW Report Date: 06/15/21

SAMPLE RESULTS

Lab ID: L2128157-03 Date Collected: 05/26/21 09:20

Client ID: SW-3 Date Received: 05/26/21 Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - We	estborough Lab)								
Solids, Total Dissolved	540		mg/l	20	6.1	2	-	06/01/21 06:20	121,2540C	DW



L2128157

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

Project Number: 1128-2020-SW Report Date: 06/15/21

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - W	estborough Lab for sam	ple(s): 01	-03 Ba	itch: W	G1505841-1				
Solids, Total Dissolved	ND	mg/l	10	3.1	1	-	06/01/21 06:20	121,2540C	DW



Lab Control Sample Analysis Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITORI

Lab Number:

L2128157

Project Number: 1128-2020-SW

Report Date:

06/15/21

Parameter	LCS %Recovery Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab A	ssociated sample(s): 01-03	Batch: WG15058	341-2				
Solids, Total Dissolved	94	-		80-120	-		



Lab Duplicate Analysis

Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2020-SW

Lab Number:

L2128157

Report Date:

06/15/21

Parameter	Native Sam	ple D	uplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab	Associated sample(s): 01-03	QC Batch ID:	WG1505841-3	QC Sample:	L2128157-01	Client ID:	SW-1
Solids, Total Dissolved	1400		1400	mg/l	0		10



Serial_No:06152117:26 **Lab Number:** L2128157

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2020-SW Report Date: 06/15/21

Sample Receipt and Container Information

YES Were project specific reporting limits specified?

Cooler Information

Custody Seal Cooler

Α Absent

Container Information			Initial	Final	Temp			Frozen	
Container ID	Container Type	Cooler	рН	pН	deg C	Pres	Seal	Date/Time	Analysis(*)
L2128157-01A	Vial Na2S2O3 preserved	Α	NA		3.1	Υ	Absent		624.1(3)
L2128157-01B	Vial Na2S2O3 preserved	Α	NA		3.1	Υ	Absent		624.1(3)
L2128157-01C	Vial Na2S2O3 preserved	Α	NA		3.1	Υ	Absent		624.1(3)
L2128157-01D	Plastic 250ml HNO3 preserved	Α	<2	<2	3.1	Υ	Absent		SB-UI(180),NI-UI(180),AG-UI(180),ZN- UI(180),SE-UI(180),HG-U(28),CD-UI(180),BE- UI(180),CR-UI(180),AS-UI(180),CU-UI(180),TL- UI(180),PB-UI(180)
L2128157-01E	Plastic 250ml unpreserved	Α	7	7	3.1	Υ	Absent		TDS-2540(7)
L2128157-02A	Vial Na2S2O3 preserved	Α	NA		3.1	Υ	Absent		624.1(3)
L2128157-02B	Vial Na2S2O3 preserved	Α	NA		3.1	Υ	Absent		624.1(3)
L2128157-02C	Vial Na2S2O3 preserved	Α	NA		3.1	Υ	Absent		624.1(3)
L2128157-02D	Plastic 250ml HNO3 preserved	Α	<2	<2	3.1	Υ	Absent		NI-UI(180),SB-UI(180),AG-UI(180),ZN- UI(180),SE-UI(180),HG-U(28),CD-UI(180),CR- UI(180),BE-UI(180),AS-UI(180),CU-UI(180),TL- UI(180),PB-UI(180)
L2128157-02E	Plastic 250ml unpreserved	Α	7	7	3.1	Υ	Absent		TDS-2540(7)
L2128157-03A	Vial Na2S2O3 preserved	Α	NA		3.1	Υ	Absent		624.1(3)
L2128157-03B	Vial Na2S2O3 preserved	Α	NA		3.1	Υ	Absent		624.1(3)
L2128157-03C	Vial Na2S2O3 preserved	Α	NA		3.1	Υ	Absent		624.1(3)
L2128157-03D	Plastic 250ml HNO3 preserved	Α	5	<2	3.1	N	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),AS-UI(180),CU-UI(180),PB- UI(180),TL-UI(180)
L2128157-03E	Plastic 250ml unpreserved	Α	7	7	3.1	Υ	Absent		TDS-2540(7)
L2128157-04A	Vial Na2S2O3 preserved	Α	NA		3.1	Υ	Absent		624.1(3)
L2128157-04B	Vial Na2S2O3 preserved	Α	NA		3.1	Υ	Absent		624.1(3)



Project Name: T. OF DEWITT LANDFILL MONITORI Lab Number: L2128157

Project Number: 1128-2020-SW Report Date: 06/15/21

GLOSSARY

Acronyms

EDL

LOQ

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.)

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.)

 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.

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



RL

Project Name: T. OF DEWITT LANDFILL MONITORI Lab Number: L2128157

Project Number: 1128-2020-SW Report Date: 06/15/21

Footnotes

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

Terms

1

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.

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'. 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 at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a "Total' result is requested, the results of its individual components will also be reported.

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.)

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.
- 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).
- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- ${f E}$ 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.
- Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- $\label{eq:main_equation} \textbf{M} \qquad \text{-Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.}$
- ND Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name:T. OF DEWITT LANDFILL MONITORILab Number:L2128157Project Number:1128-2020-SWReport Date:06/15/21

Data Qualifiers

- 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.

Report Format: DU Report with 'J' Qualifiers



Project Name: T. OF DEWITT LANDFILL MONITORI Lab Number: L2128157

Project Number: 1128-2020-SW Report Date: 06/15/21

REFERENCES

- 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.



Alpha Analytical, Inc. Facility: Company-wide

Department: Quality Assurance

Title: Certificate/Approval Program Summary

Serial_No:06152117:26

ID No.:17873 Revision 19

Published Date: 4/2/2021 1:14:23 PM

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Certification Information

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

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene;

EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; EPA 353.2: Nitrate-N, Nitrite-N; SM4500NO3-F: Nitrate-N, Nitrite-N; SM4500F-C, SM4500CN-CE,

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; 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 II, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), EPA 600/4-81-045: PCB-Oil.

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

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

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg

SM2340B

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

Document Type: Form

Pre-Qualtrax Document ID: 08-113

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Westborough, MA 01581	CUSTODY Mansfield, MA 02048		poper Ave, Suite	105					_	20	= 11=1	NAME AND ADDRESS OF THE OWNER, WHEN PERSON NAMED IN	
6 Walkup Dr. TEL: 506-898-9220	320 Forbes Blvd TEL: 508-822-9300	Project Information			4.713.7		Deli	verab				Billing Information	
FAX: 508-898-9193	FAX: 508-822-3288	Project Name:		Landfill Mon			1 =	ASF			ASP-B	✓ Same as Client Info	
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East Syracuse, NY 13	3.45 0	ALPHAQuote #:							Standard	1	and the second	applicable disposal facilities.	
Phone: (315) 569-	2144 cell	Turn-Around Time						NYF	Restricted I	Use	Other	Disposal Facility:	
Fax:		Standar		Due Dat	e:			NYU	Inrestricte	d Use		□ NJ □ NY	
Email: ggould@g	ouldgw.com	Rush (only if pre approved	1)	# of Day	s:	-		NYC	Sewer Dis	scharge		Other:	
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Other project specific Client Code: DEWITT Please specify Metals		nents:					624.1	PP Metals	TDS	.D Readings		☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)	es Re
ALPHA Lab ID			Col	lection	Cample	Sampler's	1	1	1 1	FIELD	1 1 1	(Flease Specify below)	18
(Lab Use Only)	Sa	ample ID	Date	Time	Sample Matrix	Initials			1 1	1		Sample Specific Comments	-10
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A = None B = HCl C = HNO ₃	P = Plastic A = Amber Glass V = Vlal	Westboro: Certification N Mansfield: Certification N			Co	ntainer Type	v	P	P			Please print clearly, legib and completely. Samples	ly can
D = H ₂ SO _A E = NaOH	G = Glass B = Bacteria Cup					Preservative	н	С	A	4.		not be logged in and turnaround time clock will	
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Form No: 01-25 (rev. 30-Se	ept-2013)						_		_	-		TERMS & CONDITIONS.	



ANALYTICAL REPORT

Lab Number: L2150350

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: 1128-2021-SW

Report Date: 10/01/21

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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: 1128-2021-SW

Lab Number: L2150350 **Report Date:** 10/01/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2150350-01	SW-1	WATER	FISHER RD, EAST SYRACUSE	09/17/21 10:35	09/17/21
L2150350-02	SW-2	WATER	FISHER RD, EAST SYRACUSE	09/17/21 10:05	09/17/21
L2150350-03	SW-3	WATER	FISHER RD, EAST SYRACUSE	09/17/21 10:45	09/17/21
L2150350-04	TRIP BLANK	WATER	FISHER RD, EAST SYRACUSE	09/17/21 00:00	09/17/21



Project Name:T. OF DEWITT LANDFILL MONITORILab Number:L2150350Project Number:1128-2021-SWReport Date:10/01/21

Case Narrative

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

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

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

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

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

	-,			

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



Project Name: T. OF DEWITT LANDFILL MONITORI Lab Number: L2150350

Project Number: 1128-2021-SW Report Date: 10/01/21

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.

Volatile Organics by Method 624

The WG1548286-3 LCS/LCSD recoveries, associated with L2150350-01 through -03, are above the individual acceptance criteria for methylene chloride (150%); however reanalysis confirms the detection of methylene chloride. The results of the original analysis are reported, all positive detects for these compounds are considered to have a potentially high bias.

The WG1549906-3 LCS recovery, associated with L2150350-04, is above the acceptance criteria for methylene chloride (155%), bromoform (140%), 1,2-dichlorobenzene (140%), 1,3-dichlorobenzene (135%) and 1,4-dichlorobenzene (140%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

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.

Sebastian Corbin

Authorized Signature:

Title: Technical Director/Representative

Date: 10/01/21



ORGANICS



VOLATILES



Report Date:

L2150350

10/01/21

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

Project Number: 1128-2021-SW

SAMPLE RESULTS

L2150350-01 Date Collected: 09/17/21 10:35

Lab ID: L2150350-01

Client ID: SW-1 Date Received: 09/17/21 Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 09/19/21 14:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Volatile Organics by GC/MS - Wes	tborough 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	



10/01/21

Project Name: Lab Number: T. OF DEWITT LANDFILL MONITORI L2150350

Project Number: 1128-2021-SW

SAMPLE RESULTS

Date Collected: 09/17/21 10:35

Report Date:

Lab ID: L2150350-01 Client ID: Date Received: 09/17/21 SW-1

Sample Location: Field Prep: FISHER RD, EAST SYRACUSE 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	101		60-140	
Fluorobenzene	95		60-140	
4-Bromofluorobenzene	129		60-140	



L2150350

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2021-SW

SAMPLE RESULTS

Date Collected: 09/17/21 10:05

Lab Number:

Report Date: 10/01/21

Lab ID: L2150350-02 Client ID: Date Received: 09/17/21 SW-2

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

Sample Depth:

Matrix: Water Analytical Method: 128,624.1 Analytical Date: 09/19/21 15:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough	h 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	0.56	J	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



10/01/21

Report Date:

Project Name: T. OF DEWITT LANDFILL MONITORI Lab Number: L2150350

Project Number: 1128-2021-SW

SAMPLE RESULTS

L2150350-02 Date Collected: 09/17/21 10:05

Client ID: SW-2 Date Received: 09/17/21

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

Sample Depth:

Lab ID:

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	32		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	1.2	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	101		60-140	
Fluorobenzene	95		60-140	
4-Bromofluorobenzene	125		60-140	



L2150350

10/01/21

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

Project Number: 1128-2021-SW

SAMPLE RESULTS

Report Date:

Lab ID: L2150350-03 Date Collected: 09/17/21 10:45

Client ID: Date Received: 09/17/21 SW-3 Field Prep: Sample Location: FISHER RD, EAST SYRACUSE Not Specified

Sample Depth:

Matrix: Water Analytical Method: 128,624.1 Analytical Date: 09/19/21 16:05

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 1.0 0.24 1 1,2-Dichloropropane ND ug/l 1.0 0.27 1 1,12-Trichloroethane 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 1.0 0.26 1 1,1-2-Trichloroethane ND ug/l 1.0 0.26 1 Chloroethylvinyl ether ND ug/l 1.0 0.26 1 Chloroethylvinyl ether ND ug/l 1.0 0.26 1 Tetrachloroethane ND ug/l 1.0 <td< th=""><th>Parameter</th><th>Result</th><th>Qualifier</th><th>Units</th><th>RL</th><th>MDL</th><th>Dilution Factor</th><th></th></td<>	Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
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-Chloroethyvinyl ether ND ug/l 1.0 0.25 1 1-tetrachloroethene ND ug/l 1.0 0.26 1 Chloroenzene ND ug/l 3.5 0.30 1 Trichlorofluoromethane ND ug/l 3.5 0.30 1 1,2-Dichloroethane ND ug/l 5.0 0.28 1 1,1,1-Trichloroethane ND ug/l 1.5 0.47 1 1,1,1-Trichloroethane ND ug/l 1.5 0.31 </td <td>Volatile Organics by GC/MS - Westbo</td> <td>orough Lab</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Volatile Organics by GC/MS - Westbo	orough Lab						
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 1.0 0.35 1 Tetrachloroethane 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 1.5 0.47 1 Bromodichloromethane ND ug/l 1.5 0.31 1 Bromofichropropene ND ug/l 1.5 0.34 <td>Methylene chloride</td> <td>ND</td> <td></td> <td>ug/l</td> <td>1.0</td> <td>0.56</td> <td>1</td> <td></td>	Methylene chloride	ND		ug/l	1.0	0.56	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 1.0 0.26 1 Tetrachloroethane 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 1.0 0.28 1 Bromodichloromethane ND ug/l 1.5 0.31 1 trans-1,3-Dichloropropene ND ug/l 1.5 0.34 1 Bromoform ND ug/l 1.0 0	1,1-Dichloroethane	ND		ug/l	1.5	0.40	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 Chlorobenzene ND ug/l 5.0 0.28 1 Chlorobenzene ND ug/l 5.0 0.28 1 Trichloroftuoromethane ND ug/l 1.5 0.47 1 1,1,1-Trichloroethane ND ug/l 1.0 0.28 1 Bromodichloromethane ND ug/l 1.5 0.31 1 trans-1,3-Dichloropropene ND ug/l 1.5 0.34 1 Bromoform ND ug/l 1.0 0.22	Chloroform	ND		ug/l	1.0	0.38	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 Trichloroffuoromethane 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 1.5 0.47 1 1,1,1-Trichloroethane ND ug/l 1.0 0.28 1 Bromodichloromethane ND ug/l 1.5 0.31 1 trans-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	Carbon tetrachloride	ND		ug/l	1.0	0.24	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 1.0 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 0.38 1 Ethylbenzene ND ug/l 1.0 0	1,2-Dichloropropane	ND		ug/l	3.5	0.46	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 0.22 1 Benzene ND ug/l 1.0 0.38 1 Toluene 3.5 ug/l 1.0 0.38 <	Dibromochloromethane	ND		ug/l	1.0	0.27	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 0.22 1 Benzene ND ug/l 1.0 0.38 1 Toluene 3.5 ug/l 1.0 0.38 1 Ethylbenzene ND ug/l 5.0 1.0 1	1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	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 3.5 ug/l 1.0 0.31 1 Ethylbenzene ND ug/l 5.0 1.0 1 Chloromethane ND ug/l 5.0 1.2 1 <td>2-Chloroethylvinyl ether</td> <td>ND</td> <td></td> <td>ug/l</td> <td>10</td> <td>0.35</td> <td>1</td> <td></td>	2-Chloroethylvinyl ether	ND		ug/l	10	0.35	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 3.5 ug/l 1.0 0.31 1 Ethylbenzene ND ug/l 1.0 0.28 1 Chloromethane ND ug/l 5.0 1.2 1 Bromomethane ND ug/l 5.0 1.2 1 <td>Tetrachloroethene</td> <td>ND</td> <td></td> <td>ug/l</td> <td>1.0</td> <td>0.26</td> <td>1</td> <td></td>	Tetrachloroethene	ND		ug/l	1.0	0.26	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 3.5 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	Chlorobenzene	ND		ug/l	3.5	0.30	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 3.5 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	Trichlorofluoromethane	ND		ug/l	5.0	0.28	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 3.5 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	1,2-Dichloroethane	ND		ug/l	1.5	0.47	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 3.5 ug/l 1.0 0.31 1 Ethylbenzene ND ug/l 1.0 0.28 1 Chloromethane ND ug/l 1.0 0.28 1 Semmenthane 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	1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	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 3.5 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	Bromodichloromethane	ND		ug/l	1.0	0.28	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 3.5 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	trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1	
1,1,2,2-Tetrachloroethane ND ug/l 1.0 0.20 1 Benzene ND ug/l 1.0 0.38 1 Toluene 3.5 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	cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1	
Benzene ND ug/l 1.0 0.38 1 Toluene 3.5 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	Bromoform	ND		ug/l	1.0	0.22	1	
Toluene 3.5 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	1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	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	Benzene	ND		ug/l	1.0	0.38	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	Toluene	3.5		ug/l	1.0	0.31	1	
Bromomethane ND ug/l 5.0 1.2 1 Vinyl chloride ND ug/l 1.0 0.38 1	Ethylbenzene	ND		ug/l	1.0	0.28	1	
Vinyl chloride ND ug/l 1.0 0.38 1	Chloromethane	ND		ug/l	5.0	1.0	1	
	Bromomethane	ND		ug/l	5.0	1.2	1	
Chloroethane ND ug/l 2.0 0.37 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	1,1-Dichloroethene	ND		ug/l	1.0	0.31	1	
trans-1,2-Dichloroethene ND ug/l 1.5 0.33 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	cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1	



10/01/21

Project Name: Lab Number: T. OF DEWITT LANDFILL MONITORI L2150350

Project Number: 1128-2021-SW

SAMPLE RESULTS

Date Collected: 09/17/21 10:45

Report Date:

Lab ID: L2150350-03 Client ID: Date Received: 09/17/21 SW-3

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	95		60-140	
4-Bromofluorobenzene	128		60-140	



L2150350

10/01/21

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

FISHER RD, EAST SYRACUSE

Project Number: 1128-2021-SW

L2150350-04

TRIP BLANK

SAMPLE RESULTS

Date Collected: 09/17/21 00:00

Report Date:

Date Received: 09/17/21 Field Prep: Not Specified

Sample Depth:

Sample Location:

Lab ID:

Client ID:

Matrix: Water Analytical Method: 128,624.1 Analytical Date: 09/22/21 10:08

Wolatile Organics by GC/MS - Westborough Lab 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 1.0 0.27 1,1,2-Trichloroethane ND ug/l 1.5 0.34 2-Chloroethydivinyl ether ND ug/l 1.0 0.27 Tetrachloroethene ND ug/l 1.0 0.26 Chlorobenzene ND ug/l 1.0 0.26 Chloroffluoromethane ND ug/l 5.0 0.30 Trichloroffluoromethane ND ug/l 1.5 0.47 1,1,1-Trichloroethane ND ug/l 1.5 0.47 1,1,1-Trichloroethane ND ug/l 1.5 0.47 1,1,1-Trichloroethane ND ug/l 1.5 0.31 <th>ition Factor</th>	ition Factor
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 1.0 0.24 1,2-Dichloropropane ND ug/l 1.0 0.27 1,1,2-Trichloroethane ND ug/l 1.5 0.34 2-Chloroethylvinyl ether ND ug/l 1.0 0.25 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 1.5 0.31 cis-1,3-Dichloropropene ND ug/l 1.5 0.31 cis-1,3-Dichloropropene ND ug/l 1.0 0.22 Bromoform ND	
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 1.0 0.24 1,2-Dichloropropane ND ug/l 1.0 0.27 1,1,2-Trichloroethane ND ug/l 1.0 0.27 1,1,2-Trichloroethane ND ug/l 1.0 0.27 1,1,2-Trichloroethane ND ug/l 1.0 0.35 Tetrachloroethane ND ug/l 1.0 0.26 Chlorobenzene ND ug/l 5.0 0.28 1,2-Dichloroethane ND ug/l 1.5 0.47 1,1,1-Trichloroethane ND ug/l 1.0 0.28 Bromodichloromethane ND ug/l 1.5 0.31 cis-1,3-Dichloropropene ND ug/l 1.5 0.34 Bromoform ND ug/l <td>1</td>	1
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 1.0 0.25 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 1.0 0.28 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 1.0 0.22 1,1,2,2-Tetrachloroethane ND ug/l 1.0 0.22 1,1,2,2-Tetrachloroethane </td <td>1</td>	1
1,2-Dichloropropane ND	1
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 1.0 0.28 Bromodichloromethane 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
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 1.0 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 0.38 Toluene ND ug/l 1.0 0.38 Toluene ND ug/l 1.0 0.28 Chloromethane ND ug/l	1
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 1.0 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 0.38 Toluene ND ug/l 1.0 0.31 Ethylbenzene ND ug/l 1.0 0.28 Chloromethane ND ug/l 1.0 0.28	1
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	1
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 0.38 Toluene ND ug/l 1.0 0.31 Ethylbenzene ND ug/l 1.0 0.28 Chloromethane ND ug/l 5.0 1.0	1
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 0.30 Benzene ND ug/l 1.0 0.31 Toluene ND ug/l 1.0 0.28 Chloromethane ND ug/l 1.0 0.28	1
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	1
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	1
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	1
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 1.0 0.28	1
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	1
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	1
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	1
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	1
Toluene ND ug/l 1.0 0.31 Ethylbenzene ND ug/l 1.0 0.28 Chloromethane ND ug/l 5.0 1.0	1
Ethylbenzene ND ug/l 1.0 0.28 Chloromethane ND ug/l 5.0 1.0	1
Chloromethane ND ug/l 5.0 1.0	1
	1
ND " TO 10	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



10/01/21

Project Name: Lab Number: T. OF DEWITT LANDFILL MONITORI L2150350

Project Number: 1128-2021-SW

SAMPLE RESULTS

Date Collected: 09/17/21 00:00

Report Date:

Lab ID: L2150350-04

Client ID: Date Received: 09/17/21 TRIP BLANK Sample Location: Field Prep: FISHER RD, EAST SYRACUSE 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	5.2	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	ND		ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
Pentafluorobenzene	98		60-140	
Fluorobenzene	96		60-140	
4-Bromofluorobenzene	126		60-140	



Project Name: T. OF DEWITT LANDFILL MONITORI Lab Number: L2150350

Project Number: 1128-2021-SW Report Date: 10/01/21

Method Blank Analysis Batch Quality Control

Analytical Method: 128,624.1 Analytical Date: 09/19/21 12:09

arameter	Result	Qualifier Un	its	RL	MDL
olatile Organics by GC/MS -	· Westborough Lab	for sample(s)	: 01-03	Batch:	WG1548286-4
Methylene chloride	ND	u	g/l	1.0	0.56
1,1-Dichloroethane	ND	u	g/l	1.5	0.40
Chloroform	ND	u	g/l	1.0	0.38
Carbon tetrachloride	ND	u	g/l	1.0	0.24
1,2-Dichloropropane	ND	u	g/l	3.5	0.46
Dibromochloromethane	ND	u	g/l	1.0	0.27
1,1,2-Trichloroethane	ND	u	g/l	1.5	0.34
2-Chloroethylvinyl ether	ND	u	g/l	10	0.35
Tetrachloroethene	ND	u	g/l	1.0	0.26
Chlorobenzene	ND	u	g/l	3.5	0.30
Trichlorofluoromethane	ND	u	g/l	5.0	0.28
1,2-Dichloroethane	ND	u	g/l	1.5	0.47
1,1,1-Trichloroethane	ND	u	g/l	2.0	0.29
Bromodichloromethane	ND	u	g/l	1.0	0.28
trans-1,3-Dichloropropene	ND	u	g/l	1.5	0.31
cis-1,3-Dichloropropene	ND	u	g/l	1.5	0.34
Bromoform	ND	u	g/l	1.0	0.22
1,1,2,2-Tetrachloroethane	ND	u	g/l	1.0	0.20
Benzene	ND	u	g/l	1.0	0.38
Toluene	ND	u	g/l	1.0	0.31
Ethylbenzene	ND	u	g/l	1.0	0.28
Chloromethane	ND	u	g/l	5.0	1.0
Bromomethane	1.4	J u	g/l	5.0	1.2
Vinyl chloride	ND	u	g/l	1.0	0.38
Chloroethane	ND	u	g/l	2.0	0.37
1,1-Dichloroethene	ND	u	g/l	1.0	0.31
trans-1,2-Dichloroethene	ND	u	g/l	1.5	0.33
cis-1,2-Dichloroethene	ND	u	g/l	1.0	0.17
Trichloroethene	ND	u	g/l	1.0	0.33



Project Name: T. OF DEWITT LANDFILL MONITORI Lab Number: L2150350

Project Number: 1128-2021-SW Report Date: 10/01/21

Method Blank Analysis Batch Quality Control

Analytical Method: 128,624.1 Analytical Date: 09/19/21 12:09

Parameter	Result	Qualifier Units	s RL	MDL	
olatile Organics by GC/MS - \	Westborough Lab	for sample(s):	01-03 Batch:	WG1548286-4	
1,2-Dichlorobenzene	ND	ug/	5.0	0.28	
1,3-Dichlorobenzene	ND	ug/	5.0	0.27	
1,4-Dichlorobenzene	ND	ug/	5.0	0.29	
p/m-Xylene	ND	ug/	2.0	0.30	
o-xylene	ND	ug/	1.0	0.34	
Xylenes, Total	ND	ug/	1.0	0.30	
Styrene	ND	ug/	1.0	0.37	
Acetone	ND	ug/	10	2.4	
Carbon disulfide	ND	ug/	5.0	0.28	
2-Butanone	ND	ug/	10	1.0	
Vinyl acetate	ND	ug/	10	0.41	
4-Methyl-2-pentanone	ND	ug/	10	0.19	
2-Hexanone	ND	ug/	10	0.55	
Acrolein	ND	ug/	8.0	1.8	
Acrylonitrile	ND	ug/	10	0.33	
Dibromomethane	ND	ug/	1.0	0.23	

		Acceptance	
Surrogate	%Recovery	Qualifier Criteria	
Pentafluorobenzene	102	60-140	
Fluorobenzene	96	60-140	
4-Bromofluorobenzene	123	60-140	



Project Name: T. OF DEWITT LANDFILL MONITORI Lab Number: L2150350

Project Number: 1128-2021-SW Report Date: 10/01/21

Method Blank Analysis Batch Quality Control

Analytical Method: 128,624.1 Analytical Date: 09/22/21 03:41

arameter	Result	Qualifier Units	RL	MDL
olatile Organics by GC/MS - W	estborough Lab	for sample(s): 0	94 Batch:	WG1549906-4
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: L2150350

Project Number: 1128-2021-SW Report Date: 10/01/21

Method Blank Analysis Batch Quality Control

Analytical Method: 128,624.1 Analytical Date: 09/22/21 03:41

Parameter	Result	Qualifier Units	RL	MDL	
olatile Organics by GC/MS - V	Westborough Lab	for sample(s):	04 Batch:	WG1549906-4	
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	

		Acceptance	
Surrogate	%Recovery	Qualifier Criteria	
Pentafluorobenzene	100	60-140	
Fluorobenzene	97	60-140	
4-Bromofluorobenzene	124	60-140	



Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2021-SW

Lab Number: L2150350

rameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	RPD Qual Limits
olatile Organics by GC/MS - Westborough I	_ab Associated	sample(s):	01-03 Batch: V	VG1548286-3	3		
Methylene chloride	150	Q	-		60-140	-	28
1,1-Dichloroethane	90		-		50-150	-	49
Chloroform	105		-		70-135	-	54
Carbon tetrachloride	110		-		70-130	-	41
1,2-Dichloropropane	85		-		35-165	-	55
Dibromochloromethane	105		-		70-135	-	50
1,1,2-Trichloroethane	95		-		70-130	-	45
2-Chloroethylvinyl ether	85		-		1-225	-	71
Tetrachloroethene	110		-		70-130	-	39
Chlorobenzene	120		-		65-135	-	53
Trichlorofluoromethane	95		-		50-150	-	84
1,2-Dichloroethane	100		-		70-130	-	49
1,1,1-Trichloroethane	110		-		70-130	-	36
Bromodichloromethane	115		-		65-135	-	56
trans-1,3-Dichloropropene	110		-		50-150	-	86
cis-1,3-Dichloropropene	115		-		25-175	-	58
Bromoform	115		-		70-130	-	42
1,1,2,2-Tetrachloroethane	115		-		60-140	-	61
Benzene	100		-		65-135	-	61
Toluene	120		-		70-130	-	41
Ethylbenzene	140		-		60-140	-	63
Chloromethane	47		-		1-205	-	60
Bromomethane	75		-		15-185	-	61



Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2021-SW

Lab Number: L2150350

arameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
olatile Organics by GC/MS - Westborough	Lab Associated	sample(s): 01-	03 Batch: W	/G1548286-	3			
Vinyl chloride	65		-		5-195	-		66
Chloroethane	75		-		40-160	-		78
1,1-Dichloroethene	100		-		50-150	-		32
trans-1,2-Dichloroethene	100		-		70-130	-		45
cis-1,2-Dichloroethene	100		-		60-140	-		30
Trichloroethene	100		-		65-135	-		48
1,2-Dichlorobenzene	135		-		65-135	-		57
1,3-Dichlorobenzene	130		-		70-130	-		43
1,4-Dichlorobenzene	135		-		65-135	-		57
p/m-Xylene	128		-		60-140	-		30
o-xylene	115		-		60-140	-		30
Styrene	120		-		60-140	-		30
Acetone	84		-		40-160	-		30
Carbon disulfide	90		-		60-140	-		30
2-Butanone	80		-		60-140	-		30
Vinyl acetate	85		-		60-140	-		30
4-Methyl-2-pentanone	82		-		60-140	-		30
2-Hexanone	86		-		60-140	-		30
Acrolein	100		-		60-140	-		30
Acrylonitrile	78		-		60-140	-		60
Dibromomethane	95		-		70-130	-		30



Project Name: T. OF DEWITT LANDFILL MONITORI

Lab Number:

L2150350

Project Number: 1128-2021-SW

Report Date:

10/01/21

	LCS	LCSD			%Recovery			RPD
Parameter	%Recovery	Qual	%Recovery	Qual	Limits	RPD	Qual	Limits

Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1548286-3

Surrogate	LCS %Recovery Qual	LCSD %Recovery	Qual	Acceptance Criteria
Pentafluorobenzene Fluorobenzene	100 97			60-140 60-140
4-Bromofluorobenzene	124			60-140

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2021-SW

Lab Number: L2150350

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	RPD Qual Limits	
Volatile Organics by GC/MS - Westborough	Lab Associated	sample(s):	04 Batch: WG1	549906-3				
Methylene chloride	155	Q			60-140	-	28	
1,1-Dichloroethane	90		-		50-150	-	49	
Chloroform	105		-		70-135	-	54	
Carbon tetrachloride	115		-		70-130	-	41	
1,2-Dichloropropane	90		-		35-165	-	55	
Dibromochloromethane	120		-		70-135	-	50	
1,1,2-Trichloroethane	110		-		70-130	-	45	
2-Chloroethylvinyl ether	95		-		1-225	-	71	
Tetrachloroethene	115		-		70-130	-	39	
Chlorobenzene	125		-		65-135	-	53	
Trichlorofluoromethane	105		-		50-150	-	84	
1,2-Dichloroethane	110		-		70-130	•	49	
1,1,1-Trichloroethane	115		-		70-130	•	36	
Bromodichloromethane	120		-		65-135	•	56	
trans-1,3-Dichloropropene	125		-		50-150	-	86	
cis-1,3-Dichloropropene	120		-		25-175	-	58	
Bromoform	140	Q	-		70-130	•	42	
1,1,2,2-Tetrachloroethane	140		-		60-140	-	61	
Benzene	105		-		65-135	-	61	
Toluene	120		-		70-130	-	41	
Ethylbenzene	140		-		60-140	-	63	
Chloromethane	55		-		1-205	-	60	
Bromomethane	75		-		15-185	-	61	

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2021-SW

Lab Number: L2150350

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	RPD imits
Volatile Organics by GC/MS - Westborough L	ab Associated	sample(s): ()4 Batch: WG1	549906-3			
Vinyl chloride	75		-		5-195	-	66
Chloroethane	80		-		40-160	-	78
1,1-Dichloroethene	105		-		50-150	-	32
trans-1,2-Dichloroethene	105		-		70-130	-	45
cis-1,2-Dichloroethene	100		-		60-140	-	30
Trichloroethene	105		-		65-135	-	48
1,2-Dichlorobenzene	140	Q	-		65-135	-	57
1,3-Dichlorobenzene	135	Q	-		70-130	-	43
1,4-Dichlorobenzene	140	Q	-		65-135	-	57
p/m-Xylene	130		-		60-140	-	30
o-xylene	120		-		60-140	-	30
Styrene	125		-		60-140	-	30
Acetone	96		-		40-160	-	30
Carbon disulfide	100		-		60-140	-	30
2-Butanone	86		-		60-140	-	30
Vinyl acetate	92		-		60-140	-	30
4-Methyl-2-pentanone	96		-		60-140	-	30
2-Hexanone	102		-		60-140	-	30
Acrolein	110		-		60-140	-	30
Acrylonitrile	88		-		60-140	-	60
Dibromomethane	105		-		70-130	-	30



Project Name: T. OF DEWITT LANDFILL MONITORI

Lab Number: L2150350

Project Number: 1128-2021-SW Report Date:

10/01/21

	LCS		LCSD		%Recovery			RPD
Parameter	%Recovery	Qual	%Recovery	Qual	Limits	RPD	Qual	Limits

Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1549906-3

Surrogate	LCS %Recovery Qual	LCSD %Recovery	Qual	Acceptance Criteria
Pentafluorobenzene	103			60-140
Fluorobenzene	101			60-140
4-Bromofluorobenzene	121			60-140

METALS



Project Name: Lab Number: T. OF DEWITT LANDFILL MONITORI L2150350

Project Number: Report Date: 1128-2021-SW 10/01/21

SAMPLE RESULTS

Lab ID: L2150350-01

Date Collected: 09/17/21 10:35 Client ID: SW-1 Date Received: 09/17/21

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

Sample Depth:

Matrix: Water

_						Dilution Factor	Date	Date	Prep Method	Analytical Method	
Parameter	Result	Qualifier	Units	RL	MDL	Гастог	Prepared	Analyzed	Welliou	Wethou	Analyst
Total Metals - Mans	field Lab										
Antimony, Total	0.010	J	mg/l	0.050	0.007	1	09/23/21 18:25	5 09/28/21 19:23	EPA 3005A	19,200.7	GD
Arsenic, Total	0.071		mg/l	0.005	0.002	1	09/23/21 18:25	5 09/28/21 19:23	EPA 3005A	19,200.7	GD
Beryllium, Total	ND		mg/l	0.005	0.001	1	09/23/21 18:25	5 09/28/21 19:23	EPA 3005A	19,200.7	GD
Cadmium, Total	ND		mg/l	0.005	0.001	1	09/23/21 18:25	5 09/28/21 19:23	EPA 3005A	19,200.7	GD
Chromium, Total	0.002	J	mg/l	0.010	0.002	1	09/23/21 18:25	5 09/28/21 19:23	EPA 3005A	19,200.7	GD
Copper, Total	0.046		mg/l	0.010	0.002	1	09/23/21 18:25	5 09/28/21 19:23	EPA 3005A	19,200.7	GD
Lead, Total	0.011		mg/l	0.010	0.003	1	09/23/21 18:25	5 09/28/21 19:23	EPA 3005A	19,200.7	GD
Mercury, Total	0.00028		mg/l	0.00020	0.00009	1	09/23/21 20:08	3 09/24/21 10:05	EPA 245.1	3,245.1	AC
Nickel, Total	0.014	J	mg/l	0.025	0.002	1	09/23/21 18:25	5 09/28/21 19:23	EPA 3005A	19,200.7	GD
Selenium, Total	0.005	J	mg/l	0.010	0.004	1	09/23/21 18:25	5 09/28/21 19:23	EPA 3005A	19,200.7	GD
Silver, Total	ND		mg/l	0.007	0.003	1	09/23/21 18:25	5 09/28/21 19:23	EPA 3005A	19,200.7	GD
Thallium, Total	0.006	J	mg/l	0.020	0.003	1	09/23/21 18:25	5 09/28/21 19:23	EPA 3005A	19,200.7	GD
Zinc, Total	0.348		mg/l	0.050	0.002	1	09/23/21 18:25	5 09/28/21 19:23	EPA 3005A	19,200.7	GD



Project Name: Lab Number: T. OF DEWITT LANDFILL MONITORI L2150350 10/01/21

Project Number: 1128-2021-SW

L2150350-02

Report Date:

SAMPLE RESULTS Lab ID:

Date Collected:

09/17/21 10:05

Client ID: SW-2

Date Received: FISHER RD, EAST SYRACUSE

Field Prep:

09/17/21 Not Specified

Sample Depth:

Sample Location:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Man	sfield Lab										
Antimony, Total	0.0090	J	mg/l	0.050	0.007	1	09/23/21 18:25	09/28/21 19:29	EPA 3005A	19,200.7	GD
Arsenic, Total	0.070		mg/l	0.005	0.002	1	09/23/21 18:25	09/28/21 19:29	EPA 3005A	19,200.7	GD
Beryllium, Total	0.002	J	mg/l	0.005	0.001	1	09/23/21 18:25	09/28/21 19:29	EPA 3005A	19,200.7	GD
Cadmium, Total	0.002	J	mg/l	0.005	0.001	1	09/23/21 18:25	09/28/21 19:29	EPA 3005A	19,200.7	GD
Chromium, Total	0.055		mg/l	0.010	0.002	1	09/23/21 18:25	09/28/21 19:29	EPA 3005A	19,200.7	GD
Copper, Total	0.155		mg/l	0.010	0.002	1	09/23/21 18:25	09/28/21 19:29	EPA 3005A	19,200.7	GD
Lead, Total	0.104		mg/l	0.010	0.003	1	09/23/21 18:25	09/28/21 19:29	EPA 3005A	19,200.7	GD
Mercury, Total	0.00058		mg/l	0.00020	0.00009	1	09/23/21 20:08	09/24/21 10:22	EPA 245.1	3,245.1	AC
Nickel, Total	0.130		mg/l	0.025	0.002	1	09/23/21 18:25	09/28/21 19:29	EPA 3005A	19,200.7	GD
Selenium, Total	0.007	J	mg/l	0.010	0.004	1	09/23/21 18:25	09/28/21 19:29	EPA 3005A	19,200.7	GD
Silver, Total	ND		mg/l	0.007	0.003	1	09/23/21 18:25	09/28/21 19:29	EPA 3005A	19,200.7	GD
Thallium, Total	0.003	J	mg/l	0.020	0.003	1	09/23/21 18:25	09/28/21 19:29	EPA 3005A	19,200.7	GD
Zinc, Total	0.658		mg/l	0.050	0.002	1	09/23/21 18:25	09/28/21 19:29	EPA 3005A	19,200.7	GD



Project Name: Lab Number: T. OF DEWITT LANDFILL MONITORI L2150350

Project Number: Report Date: 1128-2021-SW 10/01/21

SAMPLE RESULTS

Lab ID: L2150350-03

Date Collected: 09/17/21 10:45 09/17/21 Client ID: SW-3 Date Received:

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 - Mans	field Lab										
Antimony, Total	0.012	J	mg/l	0.050	0.007	1	09/23/21 18:25	09/28/21 23:44	EPA 3005A	19,200.7	GD
Arsenic, Total	0.069		mg/l	0.005	0.002	1	09/23/21 18:25	09/28/21 23:44	EPA 3005A	19,200.7	GD
Beryllium, Total	ND		mg/l	0.005	0.001	1	09/23/21 18:25	09/28/21 23:44	EPA 3005A	19,200.7	GD
Cadmium, Total	ND		mg/l	0.005	0.001	1	09/23/21 18:25	09/28/21 23:44	EPA 3005A	19,200.7	GD
Chromium, Total	ND		mg/l	0.010	0.002	1	09/23/21 18:25	09/28/21 23:44	EPA 3005A	19,200.7	GD
Copper, Total	0.048		mg/l	0.010	0.002	1	09/23/21 18:25	09/28/21 23:44	EPA 3005A	19,200.7	GD
Lead, Total	0.011		mg/l	0.010	0.003	1	09/23/21 18:25	09/28/21 23:44	EPA 3005A	19,200.7	GD
Mercury, Total	0.00020		mg/l	0.00020	0.00009	1	09/23/21 20:08	09/24/21 10:25	EPA 245.1	3,245.1	AC
Nickel, Total	0.009	J	mg/l	0.025	0.002	1	09/23/21 18:25	09/28/21 23:44	EPA 3005A	19,200.7	GD
Selenium, Total	0.010	J	mg/l	0.010	0.004	1	09/23/21 18:25	09/28/21 23:44	EPA 3005A	19,200.7	GD
Silver, Total	ND		mg/l	0.007	0.003	1	09/23/21 18:25	09/28/21 23:44	EPA 3005A	19,200.7	GD
Thallium, Total	0.016	J	mg/l	0.020	0.003	1	09/23/21 18:25	09/28/21 23:44	EPA 3005A	19,200.7	GD
Zinc, Total	0.163		mg/l	0.050	0.002	1	09/23/21 18:25	09/28/21 23:44	EPA 3005A	19,200.7	GD



Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2021-SW

Lab Number:

L2150350

Report Date: 10/01/21

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfi	ield Lab for sample(s):	: 01-03	Batch: W	G15499	41-1				
Antimony, Total	ND	mg/l	0.050	0.007	1	09/23/21 18:25	09/28/21 09:46	19,200.7	GD
Arsenic, Total	ND	mg/l	0.005	0.002	1	09/23/21 18:25	09/28/21 09:46	19,200.7	GD
Beryllium, Total	ND	mg/l	0.005	0.001	1	09/23/21 18:25	09/28/21 09:46	19,200.7	GD
Cadmium, Total	ND	mg/l	0.005	0.001	1	09/23/21 18:25	09/28/21 09:46	19,200.7	GD
Chromium, Total	ND	mg/l	0.010	0.002	1	09/23/21 18:25	09/28/21 09:46	19,200.7	GD
Copper, Total	ND	mg/l	0.010	0.002	1	09/23/21 18:25	09/28/21 09:46	19,200.7	GD
Lead, Total	ND	mg/l	0.010	0.003	1	09/23/21 18:25	09/28/21 09:46	19,200.7	GD
Nickel, Total	ND	mg/l	0.025	0.002	1	09/23/21 18:25	09/28/21 09:46	19,200.7	GD
Selenium, Total	ND	mg/l	0.010	0.004	1	09/23/21 18:25	09/28/21 09:46	19,200.7	GD
Silver, Total	ND	mg/l	0.007	0.003	1	09/23/21 18:25	09/28/21 09:46	19,200.7	GD
Thallium, Total	0.003 J	mg/l	0.020	0.003	1	09/23/21 18:25	09/28/21 09:46	19,200.7	GD
Zinc, Total	ND	mg/l	0.050	0.002	1	09/23/21 18:25	09/28/21 09:46	19,200.7	GD

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualif	ier Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytica Method	
Total Metals - Mans	sfield Lab for sample	(s): 01-03	Batch: \	WG15499	44-1				
Mercury, Total	0.00012 J	mg/l	0.0002	20 0.00009) 1	09/23/21 20:08	09/24/21 09:48	3,245.1	AC

Prep Information

Digestion Method: EPA 245.1



Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2021-SW

Lab Number: L2150350

Parameter	LCS %Recovery	LCSD Qual %Recovery	%Recove Qual Limits	ry RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample	e(s): 01-03 Bat	ch: WG1549941-2				
Antimony, Total	104	-	85-115	-		
Arsenic, Total	110	-	85-115	-		
Beryllium, Total	103	-	85-115	-		
Cadmium, Total	102	-	85-115	-		
Chromium, Total	103	-	85-115	-		
Copper, Total	103	-	85-115	-		
Lead, Total	100	-	85-115	-		
Nickel, Total	98	-	85-115	-		
Selenium, Total	110	-	85-115	-		
Silver, Total	104	-	85-115	-		
Thallium, Total	107	-	85-115	-		
Zinc, Total	108	-	85-115	-		
Total Metals - Mansfield Lab Associated sampl	e(s): 01-03 Bat	ch: WG1549944-2				
Mercury, Total	111	-	85-115	-		

Matrix Spike Analysis Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2021-SW

Lab Number: L2150350

arameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery Qu	Recovery al Limits	RPD Qual	RPD Limits
otal Metals - Mansfield Lab	Associated san	nple(s): 01-03	QC Bat	tch ID: WG1549	9941-3	QC Sam	ple: L2150365-01	Client ID: MS	Sample	
Antimony, Total	ND	0.5	0.534	107		-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.136	113		-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.051	102		-	-	75-125	-	20
Cadmium, Total	ND	0.053	0.053	100		-	-	75-125	-	20
Chromium, Total	0.003J	0.2	0.200	100		-	-	75-125	-	20
Copper, Total	0.022	0.25	0.281	103		-	-	75-125	-	20
Lead, Total	0.007J	0.53	0.519	98		-	-	75-125	-	20
Nickel, Total	ND	0.5	0.477	95		-	-	75-125	-	20
Selenium, Total	ND	0.12	0.137	114		-	-	75-125	-	20
Silver, Total	ND	0.05	0.052	104		-	-	75-125	-	20
Thallium, Total	0.004J	0.12	0.124	103		-	-	75-125	-	20
Zinc, Total	0.041J	0.5	0.571	114		-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2021-SW

Lab Number: L2150350

arameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
otal Metals - Mansfield	Lab Associated sam	nple(s): 01-03	QC Bat	tch ID: WG1549941	-7 QC Sar	mple: L2150365-03	Client ID: MS	S Sample	
Antimony, Total	ND	0.5	0.524	105	-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.136	113	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.050	100	-	-	75-125	-	20
Cadmium, Total	ND	0.053	0.053	100	-	-	75-125	-	20
Chromium, Total	ND	0.2	0.200	100	-	-	75-125	-	20
Copper, Total	ND	0.25	0.259	104	-	-	75-125	-	20
Lead, Total	ND	0.53	0.515	97	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.474	95	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.136	113	-	-	75-125	-	20
Silver, Total	ND	0.05	0.051	102	-	-	75-125	-	20
Thallium, Total	0.004J	0.12	0.123	102	-	-	75-125	-	20
Zinc, Total	0.015J	0.5	0.548	110	-	-	75-125	-	20
otal Metals - Mansfield	Lab Associated sam	nple(s): 01-03	QC Bat	tch ID: WG1549944	-3 QC Sar	mple: L2150486-01	Client ID: MS	S Sample	
Mercury, Total	ND	0.125	0.1166	93	-	-	70-130	-	20



Lab Duplicate Analysis

Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2021-SW

Lab Number:

L2150350

Report Date:

10/01/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual RPD Lin	nits
Total Metals - Mansfield Lab Associated sample(s): 01-	03 QC Batch ID:	WG1549944-4 QC Sample	: L2150486-01	Client ID:	DUP Sample	
Mercury, Total	ND	ND	mg/l	NC	20	



INORGANICS & MISCELLANEOUS



Project Name: T. OF DEWITT LANDFILL MONITORI Lab Number: L2150350

Project Number: 1128-2021-SW Report Date: 10/01/21

SAMPLE RESULTS

Lab ID: L2150350-01 Date Collected: 09/17/21 10:35

Client ID: SW-1 Date Received: 09/17/21 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	Analytical Method	Analyst
General Chemistry - W	estborough Lab)								
Solids, Total Dissolved	420		mg/l	20	6.1	2	-	09/24/21 07:20	121,2540C	DW



Project Name: T. OF DEWITT LANDFILL MONITORI Lab Number: L2150350

Project Number: 1128-2021-SW Report Date: 10/01/21

SAMPLE RESULTS

Lab ID: L2150350-02 Date Collected: 09/17/21 10:05

Client ID: SW-2 Date Received: 09/17/21 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	Analytical Method	Analyst
General Chemistry - We	estborough Lab									
Solids, Total Dissolved	580		mg/l	20	6.1	2	-	09/24/21 07:20	121,2540C	DW



Project Name: T. OF DEWITT LANDFILL MONITORI Lab Number: L2150350

Project Number: 1128-2021-SW Report Date: 10/01/21

SAMPLE RESULTS

Lab ID: L2150350-03 Date Collected: 09/17/21 10:45

Client ID: SW-3 Date Received: 09/17/21 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	Analytical Method	Analyst
General Chemistry - W	estborough Lab									
Solids, Total Dissolved	490		mg/l	20	6.1	2	-	09/24/21 07:20	121,2540C	DW



Project Name: T. OF DEWITT LANDFILL MONITORI **Lab Number:** L2150350

Project Number: 1128-2021-SW Report Date: 10/01/21

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - W	estborough Lab for sam	ple(s): 01	-03 Bat	tch: W0	G1550251-1				
Solids, Total Dissolved	ND	mg/l	10	3.1	1	-	09/24/21 07:20	121,2540C	DW



10/01/21

Lab Control Sample Analysis Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITORI

Lab Number: L2150350

Project Number: 1128-2021-SW Report Date:

Parameter	LCS %Recovery Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab A	ssociated sample(s): 01-03	Batch: WG15502	251-2				
Solids, Total Dissolved	94	-		80-120	-		



Lab Duplicate Analysis

Batch Quality Control

Lab Number: **Project Name:** T. OF DEWITT LANDFILL MONITORI L2150350

Project Number: 1128-2021-SW Report Date: 10/01/21

Parameter	Native Samp	ole D	uplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab A	Associated sample(s): 01-03	QC Batch ID:	WG1550251-3	QC Sample:	L2150368-01	Client ID:	DUP Sample
Solids, Total Dissolved	220		230	mg/l	4		10



Project Name: T. OF DEWITT LANDFILL MONITORI

Project Number: 1128-2021-SW

Lab Number: L2150350 Report Date: 10/01/21

Sample Receipt and Container Information

YES Were project specific reporting limits specified?

Cooler Information

Container Information

Custody Seal Cooler

Α Absent

Container Info	rmation		Initial	Final	Temp			Frozen	
Container ID	Container Type	Cooler	рН	pН	deg C	Pres	Seal	Date/Time	Analysis(*)
L2150350-01A	Vial Na2S2O3 preserved	Α	NA		3.5	Υ	Absent		624.1(3)
L2150350-01B	Vial Na2S2O3 preserved	Α	NA		3.5	Υ	Absent		624.1(3)
L2150350-01C	Vial Na2S2O3 preserved	Α	NA		3.5	Υ	Absent		624.1(3)
L2150350-01D	Plastic 250ml unpreserved	Α	7	7	3.5	Υ	Absent		TDS-2540(7)
L2150350-01E	Plastic 250ml HNO3 preserved	A	<2	<2	3.5	Υ	Absent		NI-UI(180),SB-UI(180),AG-UI(180),ZN- UI(180),SE-UI(180),HG-U(28),CD-UI(180),CR- UI(180),BE-UI(180),PB-UI(180),AS-UI(180),CU- UI(180),TL-UI(180)
L2150350-02A	Vial Na2S2O3 preserved	Α	NA		3.5	Υ	Absent		624.1(3)
L2150350-02B	Vial Na2S2O3 preserved	Α	NA		3.5	Υ	Absent		624.1(3)
L2150350-02C	Vial Na2S2O3 preserved	Α	NA		3.5	Υ	Absent		624.1(3)
L2150350-02D	Plastic 250ml unpreserved	Α	7	7	3.5	Υ	Absent		TDS-2540(7)
L2150350-02E	Plastic 250ml HNO3 preserved	A	<2	<2	3.5	Υ	Absent		SB-UI(180),NI-UI(180),ZN-UI(180),AG- UI(180),SE-UI(180),HG-U(28),CD-UI(180),BE- UI(180),CR-UI(180),AS-UI(180),PB- UI(180),CU-UI(180),TL-UI(180)
L2150350-03A	Vial Na2S2O3 preserved	Α	NA		3.5	Υ	Absent		624.1(3)
L2150350-03B	Vial Na2S2O3 preserved	Α	NA		3.5	Υ	Absent		624.1(3)
L2150350-03C	Vial Na2S2O3 preserved	Α	NA		3.5	Υ	Absent		624.1(3)
L2150350-03D	Plastic 250ml unpreserved	Α	7	7	3.5	Υ	Absent		TDS-2540(7)
L2150350-03E	Plastic 250ml HNO3 preserved	Α	<2	<2	3.5	Υ	Absent		NI-UI(180),SB-UI(180),AG-UI(180),ZN- UI(180),SE-UI(180),HG-U(28),CD-UI(180),CR- UI(180),BE-UI(180),TL-UI(180),AS-UI(180),CU- UI(180),PB-UI(180)
L2150350-04A	Vial Na2S2O3 preserved	Α	NA		3.5	Υ	Absent		624.1(3)
L2150350-04B	Vial Na2S2O3 preserved	Α	NA		3.5	Υ	Absent		624.1(3)



Project Name: Lab Number: T. OF DEWITT LANDFILL MONITORI L2150350 **Project Number:** 1128-2021-SW **Report Date:** 10/01/21

GLOSSARY

Acronyms

LOD

LOQ

MS

RPD

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.

- 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.)

- 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

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

MDI - 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.

> - 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.

- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile NR 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.

- 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.

TEO - 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 MONITORILab Number:L2150350Project Number:1128-2021-SWReport Date:10/01/21

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.

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'.

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.

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.)

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.
- 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).
- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- 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.
- Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- 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.

Report Format: DU Report with 'J' Qualifiers



Project Name:T. OF DEWITT LANDFILL MONITORILab Number:L2150350Project Number:1128-2021-SWReport Date:10/01/21

Data Qualifiers

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

Report Format: DU Report with 'J' Qualifiers



Project Name:T. OF DEWITT LANDFILL MONITORILab Number:L2150350Project Number:1128-2021-SWReport Date:10/01/21

REFERENCES

- 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.



Alpha Analytical, Inc. Facility: Company-wide

Department: Quality Assurance

Title: Certificate/Approval Program Summary

ID No.:17873 Revision 19

Page 1 of 1

Published Date: 4/2/2021 1:14:23 PM

Certification Information

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

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene;

EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; EPA 353.2: Nitrate-N, Nitrite-N; SM4500NO3-F: Nitrate-N, Nitrite-N; SM4500F-C, SM4500CN-CE,

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; 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 II, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), EPA 600/4-81-045: PCB-Oil.

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

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

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg

SM2340B

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

Pre-Qualtrax Document ID: 08-113 Document Type: Form

ДІРНА	NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 White Albany, NY 12205: 14 Walke Tonawanda, NY 14150: 275	r Way	05	Pag	e 1		Date	Rec'd Lab	9/1	8/2	.)	ALPHA JOB# (215035	0
Westborough, MA 01581 8 Walkup Dr.	Mansfield, MA 02048 320 Forbes Blvd	Project Information					Deliv	/erable	s		-		Billing Information	
TEL: 508-898-9220	TEL: 508-822-9300	Project Name:	T. of Dewitt	Landfill Moni	itoring			ASP	-A		ASP-	3	Same as Client Info	
FAX; 508-898-9193	FAX: 508-82Z-3288	Project Location:	Fisher Rd, E	ast Syracus	e			EQU	IS (1 File) [EQUIS	6 (4 File)	PO#	
Client Information		Project #	1128-2021-9	SW				Othe	er .					
Client: T. of Dewit	t c/o Kerrie Fusco	(Use Project name as F	Project #)				Regi	ulatory	Require	ment	_		Disposal Site Information	
Address: 5400 Butte	rnul Drive	Project Manager:	Gerry Gould	Miller Engin	eers			NYT	OGS		NY Pa	1375	Please identify below location	n of
East Syracuse, NY 130	57	ALPHAQuote #:					E	AWG	Standard	is [NY CP	-51	applicable disposal facilities	
Phone: (315) 569-2	2144 cell	Turn-Around Time						NYR	estricted	Use [Other		Disposal Facility:	
Fax:		Standa	ard 🗸	Due Da	te;			NYU	inrestricle	d Use			□ NJ □ NY	
Email: ggould@go	ouldgw.com	Rush (only if pre approv	ed)	# of Day	ys:			NYC	Sewer Dis	scharge			Other:	
These samples have be	een previously analyzed	by Alpha					ANA	LYSIS	3				Sample Filtration	1
Other project specific Client Code: DEWITT Please specify Metals		ents:					624.1	PP Metals	TDS	FIELD Readings			□Done □Lab to do Preservation □Lab to do (Please Specify below)	B 0 -
ALPHA Lab ID		- 45 (22)	Col	ection	Sample	Sampler's	1			문				
(Lab Use Only)	S	ample ID	Date	Time	Matrix	Initials					++4		Sample Specific Comments	5
50350- 01	SW-1		9/17/21	1035	sw	ÉS	x	x	x			- 1	100	5
02	SW-2		1	1005	sw	1	x	x	x					5
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Preservative Code: A = None B = HCI C = HNO ₃ D = H ₂ SO ₄	Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup	Westboro: Certification Mansfield: Certification				ntainer Type Preservative	V	P	P				Please print clearly, legi completely. Samples ca be logged in and turnari time clock will not start	ound
E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other	C = Cube O = Other E = Encore D = BOD Bottle	Relinquishe	ed By:		le/Time 1410	NO	_	ive B	The state of the s	5 9		Time 100 EST	any ambiguities are resi	olved. COC, AD
Form No: 01-25 (rev. 30-S	ept-2013)													



ANALYTICAL REPORT

Lab Number: L2168549

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: Not Specified Report Date: 12/28/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

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



Project Name: T. OF DEWITT LANDFILL MONITOR

Lab Number: L2168549 Project Number: Report Date: 12/28/21 Not Specified

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2168549-01	V-10	SOIL_VAPOR	FISHER RD, EAST SYRACUSE	12/13/21 14:30	12/13/21
L2168549-02	V-11	SOIL_VAPOR	FISHER RD, EAST SYRACUSE	12/13/21 14:40	12/13/21
L2168549-03	V-18	SOIL_VAPOR	FISHER RD, EAST SYRACUSE	12/13/21 14:50	12/13/21
L2168549-04	BLIND DUP	SOIL_VAPOR	FISHER RD, EAST SYRACUSE	12/13/21 00:00	12/13/21



Project Name:T. OF DEWITT LANDFILL MONITORLab Number:L2168549Project Number:Not SpecifiedReport Date:12/28/21

Case Narrative

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

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

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

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

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

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



Project Name: T. OF DEWITT LANDFILL MONITOR Lab Number: L2168549

Project Number: Not Specified Report Date: 12/28/21

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on December 6, 2021. The canister certification results are provided as an addendum.

L2168549-01D, -02D, and -03D: The samples have elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the samples.

L2168549-04: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2168549-04D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The WG1587321-5D Laboratory Duplicate RPD for iso-propyl alcohol (30%), performed on L2168549-01, is above the acceptance criteria; however, the sample and duplicate results are less than five times the reporting limit. Therefore, the RPD is valid.

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:

Title: Technical Director/Representative Date: 12/28/21

Chulch Christopher J. Anderson

AIR



Project Number: Not Specified Report Date: 12/28/21

SAMPLE RESULTS

Lab ID: L2168549-01 D Date Collected: 12/13/21 14:30

Client ID: V-10 Date Received: 12/13/21

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

Sample Depth:

Matrix: Soil_Vapor Anaytical Method: 48,TO-15 Analytical Date: 12/24/21 04:21

Analyst: TS

		ppbV		ug/m3				Dilution
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Factor
Volatile Organics in Air - Man	sfield Lab							
Dichlorodifluoromethane	65.8	1.43		325	7.07			7.143
Chloromethane	13.8	1.43		28.5	2.95			7.143
Freon-114	11.3	1.43		79.0	10.0			7.143
Vinyl chloride	24.3	1.43		62.1	3.66			7.143
1,3-Butadiene	ND	1.43		ND	3.16			7.143
Bromomethane	ND	1.43		ND	5.55			7.143
Chloroethane	17.0	1.43		44.9	3.77			7.143
Ethanol	ND	35.7		ND	67.3			7.143
Vinyl bromide	ND	1.43		ND	6.25			7.143
Acetone	253	7.14		601	17.0			7.143
Trichlorofluoromethane	93.0	1.43		523	8.04			7.143
Isopropanol	16.6	3.57		40.8	8.78			7.143
1,1-Dichloroethene	ND	1.43		ND	5.67			7.143
Tertiary butyl Alcohol	ND	3.57		ND	10.8			7.143
Methylene chloride	ND	3.57		ND	12.4			7.143
3-Chloropropene	ND	1.43		ND	4.48			7.143
Carbon disulfide	7.93	1.43		24.7	4.45			7.143
Freon-113	ND	1.43		ND	11.0			7.143
trans-1,2-Dichloroethene	ND	1.43		ND	5.67			7.143
1,1-Dichloroethane	ND	1.43		ND	5.79			7.143
Methyl tert butyl ether	ND	1.43		ND	5.16			7.143
2-Butanone	ND	3.57		ND	10.5			7.143
cis-1,2-Dichloroethene	ND	1.43		ND	5.67			7.143



Project Number: Not Specified Report Date: 12/28/21

SAMPLE RESULTS

Lab ID: L2168549-01 D

Client ID: V-10

Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 12/13/21 14:30

Date Received: 12/13/21
Field Prep: Not Specified

		ppbV			ug/m3			Dilution
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Factor
Volatile Organics in Air - Mans	sfield Lab							
Ethyl Acetate	ND	3.57		ND	12.9			7.143
Chloroform	ND	1.43		ND	6.98			7.143
Tetrahydrofuran	32.7	3.57		96.4	10.5			7.143
1,2-Dichloroethane	ND	1.43		ND	5.79			7.143
n-Hexane	568	1.43		2000	5.04			7.143
1,1,1-Trichloroethane	ND	1.43		ND	7.80			7.143
Benzene	4.86	1.43		15.5	4.57			7.143
Carbon tetrachloride	ND	1.43		ND	9.00			7.143
Cyclohexane	185	1.43		637	4.92			7.143
1,2-Dichloropropane	ND	1.43		ND	6.61			7.143
Bromodichloromethane	ND	1.43		ND	9.58			7.143
,4-Dioxane	ND	1.43		ND	5.15			7.143
Frichloroethene	ND	1.43		ND	7.69			7.143
2,2,4-Trimethylpentane	216	1.43		1010	6.68			7.143
Heptane	169	1.43		693	5.86			7.143
cis-1,3-Dichloropropene	ND	1.43		ND	6.49			7.143
4-Methyl-2-pentanone	ND	3.57		ND	14.6			7.143
rans-1,3-Dichloropropene	ND	1.43		ND	6.49			7.143
1,1,2-Trichloroethane	ND	1.43		ND	7.80			7.143
Toluene	2.77	1.43		10.4	5.39			7.143
2-Hexanone	ND	1.43		ND	5.86			7.143
Dibromochloromethane	ND	1.43		ND	12.2			7.143
,2-Dibromoethane	ND	1.43		ND	11.0			7.143
Tetrachloroethene	5.23	1.43		35.5	9.70			7.143
Chlorobenzene	ND	1.43		ND	6.59			7.143
Ethylbenzene	20.1	1.43		87.3	6.21			7.143



Project Number: Not Specified Report Date: 12/28/21

SAMPLE RESULTS

Lab ID: L2168549-01 D

Client ID: V-10

Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 12/13/21 14:30

Date Received: 12/13/21

Field Prep: Not Specified

Campio Dopani		ppbV ug/m3				Dilution		
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Factor
Volatile Organics in Air - Mans	field Lab							
p/m-Xylene	14.2	2.86		61.7	12.4			7.143
Bromoform	ND	1.43		ND	14.8			7.143
Styrene	ND	1.43		ND	6.09			7.143
1,1,2,2-Tetrachloroethane	ND	1.43		ND	9.82			7.143
o-Xylene	7.74	1.43		33.6	6.21			7.143
4-Ethyltoluene	ND	1.43		ND	7.03			7.143
1,3,5-Trimethylbenzene	4.18	1.43		20.5	7.03			7.143
1,2,4-Trimethylbenzene	2.74	1.43		13.5	7.03			7.143
Benzyl chloride	ND	1.43		ND	7.40			7.143
1,3-Dichlorobenzene	ND	1.43		ND	8.60			7.143
1,4-Dichlorobenzene	9.76	1.43		58.7	8.60			7.143
1,2-Dichlorobenzene	ND	1.43		ND	8.60			7.143
1,2,4-Trichlorobenzene	ND	1.43		ND	10.6			7.143
Hexachlorobutadiene	ND	1.43		ND	15.3			7.143

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	103		60-140
Bromochloromethane	103		60-140
chlorobenzene-d5	114		60-140



Project Number: Not Specified Report Date: 12/28/21

SAMPLE RESULTS

Lab ID: L2168549-02 D Date Collected: 12/13/21 14:40

Client ID: V-11 Date Received: 12/13/21

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

Sample Depth:

Matrix: Soil_Vapor Anaytical Method: 48,TO-15 Analytical Date: 12/24/21 05:34

Analyst: TS

		ppbV		ug/m3			Dilution	
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Factor
Volatile Organics in Air - Mar	nsfield Lab							
Dichlorodifluoromethane	46.0	2.50		227	12.4			12.5
Chloromethane	9.32	2.50		19.2	5.16			12.5
Freon-114	12.2	2.50		85.3	17.5			12.5
Vinyl chloride	8.71	2.50		22.3	6.39			12.5
1,3-Butadiene	ND	2.50		ND	5.53			12.5
Bromomethane	ND	2.50		ND	9.71			12.5
Chloroethane	22.9	2.50		60.4	6.60			12.5
Ethanol	ND	62.5		ND	118			12.5
Vinyl bromide	ND	2.50		ND	10.9			12.5
Acetone	185	12.5		439	29.7			12.5
Trichlorofluoromethane	87.1	2.50		489	14.0			12.5
Isopropanol	9.51	6.25		23.4	15.4			12.5
1,1-Dichloroethene	ND	2.50		ND	9.91			12.5
Tertiary butyl Alcohol	ND	6.25		ND	18.9			12.5
Methylene chloride	ND	6.25		ND	21.7			12.5
3-Chloropropene	ND	2.50		ND	7.83			12.5
Carbon disulfide	8.86	2.50		27.6	7.79			12.5
Freon-113	ND	2.50		ND	19.2			12.5
trans-1,2-Dichloroethene	ND	2.50		ND	9.91			12.5
1,1-Dichloroethane	ND	2.50		ND	10.1			12.5
Methyl tert butyl ether	ND	2.50		ND	9.01			12.5
2-Butanone	ND	6.25		ND	18.4			12.5
cis-1,2-Dichloroethene	ND	2.50		ND	9.91			12.5



Project Number: Not Specified Report Date: 12/28/21

SAMPLE RESULTS

Lab ID: L2168549-02 D

Client ID: V-11

Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 12/13/21 14:40

Date Received: 12/13/21
Field Prep: Not Specified

Оатріе Беріп.		ppbV		ug/m3				Dilution
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Factor
Volatile Organics in Air - Mans	sfield Lab							
Ethyl Acetate	ND	6.25		ND	22.5			12.5
Chloroform	3.25	2.50		15.9	12.2			12.5
Tetrahydrofuran	10.0	6.25		29.5	18.4			12.5
1,2-Dichloroethane	ND	2.50		ND	10.1			12.5
n-Hexane	880	2.50		3100	8.81			12.5
1,1,1-Trichloroethane	ND	2.50		ND	13.6			12.5
Benzene	10.8	2.50		34.5	7.99			12.5
Carbon tetrachloride	ND	2.50		ND	15.7			12.5
Cyclohexane	214	2.50		737	8.61			12.5
1,2-Dichloropropane	ND	2.50		ND	11.6			12.5
Bromodichloromethane	ND	2.50		ND	16.7			12.5
1,4-Dioxane	ND	2.50		ND	9.01			12.5
Trichloroethene	ND	2.50		ND	13.4			12.5
2,2,4-Trimethylpentane	313	2.50		1460	11.7			12.5
Heptane	262	2.50		1070	10.2			12.5
cis-1,3-Dichloropropene	ND	2.50		ND	11.3			12.5
4-Methyl-2-pentanone	ND	6.25		ND	25.6			12.5
trans-1,3-Dichloropropene	ND	2.50		ND	11.3			12.5
1,1,2-Trichloroethane	ND	2.50		ND	13.6			12.5
Toluene	4.62	2.50		17.4	9.42			12.5
2-Hexanone	ND	2.50		ND	10.2			12.5
Dibromochloromethane	ND	2.50		ND	21.3			12.5
1,2-Dibromoethane	ND	2.50		ND	19.2			12.5
Tetrachloroethene	ND	2.50		ND	17.0			12.5
Chlorobenzene	ND	2.50		ND	11.5			12.5
Ethylbenzene	69.6	2.50		302	10.9			12.5



Project Number: Not Specified Report Date: 12/28/21

SAMPLE RESULTS

Lab ID: L2168549-02 D

Client ID: V-11

Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 12/13/21 14:40

Date Received: 12/13/21

Field Prep: Not Specified

	ppbV		ug/m3				Dilution
Results	RL	MDL	Results	RL	MDL	Qualifier	Factor
Lab							
26.6	5.00		116	21.7			12.5
ND	2.50		ND	25.8			12.5
ND	2.50		ND	10.6			12.5
ND	2.50		ND	17.2			12.5
15.9	2.50		69.1	10.9			12.5
ND	2.50		ND	12.3			12.5
24.7	2.50		121	12.3			12.5
13.4	2.50		65.9	12.3			12.5
ND	2.50		ND	12.9			12.5
ND	2.50		ND	15.0			12.5
20.1	2.50		121	15.0			12.5
ND	2.50		ND	15.0			12.5
ND	2.50		ND	18.6			12.5
ND	2.50		ND	26.7			12.5
	26.6 ND ND ND 15.9 ND 24.7 13.4 ND ND ND ND ND ND ND ND ND N	Results RL Lab 26.6 5.00 ND 2.50 ND 2.50 ND 2.50 15.9 2.50 ND 2.50 24.7 2.50 ND 2.50	Results RL MDL Lab 26.6 5.00 ND 2.50 ND 2.50 ND 2.50 15.9 2.50 ND 2.50 24.7 2.50 13.4 2.50 ND 2.50 ND 2.50 ND 2.50 ND 2.50 ND 2.50 ND 2.50	Results RL MDL Results Lab 26.6 5.00 116 ND 2.50 ND ND 2.50 ND ND 2.50 ND 15.9 2.50 69.1 ND 2.50 ND 24.7 2.50 ND 24.7 2.50 121 13.4 2.50 65.9 ND 2.50 ND ND 2.50 ND 20.1 2.50 ND ND 2.50 ND ND 2.50 ND	Results RL MDL Results RL Lab 26.6 5.00 116 21.7 ND 2.50 ND 25.8 ND 2.50 ND 10.6 ND 2.50 ND 17.2 15.9 2.50 ND 12.3 ND 2.50 ND 12.3 24.7 2.50 ND 12.3 ND 2.50 ND 12.3 ND 2.50 ND 12.9 ND 2.50 ND 15.0 ND	Results RL MDL Results RL MDL Lab 26.6 5.00 116 21.7 ND 2.50 ND 25.8 ND 2.50 ND 10.6 ND 2.50 ND 17.2 15.9 2.50 ND 17.2 ND 2.50 ND 12.3 24.7 2.50 ND 12.3 13.4 2.50 121 12.3 ND 2.50 ND 12.9 ND 2.50 ND 15.0 ND 2.50 ND 15.0 ND 2.50 ND 15.0 ND 2.50 ND 15.0	Results RL MDL Results RL MDL Qualifier Lab 26.6 5.00 116 21.7 ND 2.50 ND 25.8 ND 2.50 ND 10.6 ND 2.50 ND 17.2 15.9 2.50 ND 12.3 ND 2.50 ND 12.3 24.7 2.50 121 12.3 ND 2.50 ND 12.9 ND 2.50 ND 15.0 ND 2.50 ND 15.0 ND 2.50 ND 15.0 ND </td

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	93		60-140



Project Name: T. OF DEWITT LANDFILL MONITOR Lab Number: L2168549

Project Number: Not Specified Report Date: 12/28/21

SAMPLE RESULTS

Lab ID: L2168549-03 D Date Collected: 12/13/21 14:50

Client ID: V-18 Date Received: 12/13/21

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

Sample Depth:

Matrix: Soil_Vapor Anaytical Method: 48,TO-15 Analytical Date: 12/24/21 06:11

Analyst: TS

		ppbV			ug/m3			Dilution
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Factor
Volatile Organics in Air - Mar	nsfield Lab							
Dichlorodifluoromethane	50.3	2.00		249	9.89			10
Chloromethane	3.34	2.00		6.90	4.13			10
Freon-114	14.9	2.00		104	14.0			10
Vinyl chloride	16.7	2.00		42.7	5.11			10
1,3-Butadiene	ND	2.00		ND	4.42			10
Bromomethane	ND	2.00		ND	7.77			10
Chloroethane	17.9	2.00		47.2	5.28			10
Ethanol	ND	50.0		ND	94.2			10
Vinyl bromide	ND	2.00		ND	8.74			10
Acetone	49.5	10.0		118	23.8			10
Trichlorofluoromethane	ND	2.00		ND	11.2			10
Isopropanol	8.27	5.00		20.3	12.3			10
1,1-Dichloroethene	ND	2.00		ND	7.93			10
Tertiary butyl Alcohol	ND	5.00		ND	15.2			10
Methylene chloride	ND	5.00		ND	17.4			10
3-Chloropropene	ND	2.00		ND	6.26			10
Carbon disulfide	ND	2.00		ND	6.23			10
Freon-113	ND	2.00		ND	15.3			10
trans-1,2-Dichloroethene	ND	2.00		ND	7.93			10
1,1-Dichloroethane	4.62	2.00		18.7	8.09			10
Methyl tert butyl ether	ND	2.00		ND	7.21			10
2-Butanone	ND	5.00		ND	14.7			10
cis-1,2-Dichloroethene	ND	2.00		ND	7.93			10



Project Number: Not Specified Report Date: 12/28/21

SAMPLE RESULTS

Lab ID: L2168549-03 D

Client ID: V-18

Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 12/13/21 14:50

Date Received: 12/13/21

Field Prep: Not Specified

		ug/m3				Dilution		
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Factor
Volatile Organics in Air - Mansf	ield Lab							
Ethyl Acetate	ND	5.00		ND	18.0			10
Chloroform	ND	2.00		ND	9.77			10
Tetrahydrofuran	ND	5.00		ND	14.7			10
1,2-Dichloroethane	ND	2.00		ND	8.09			10
n-Hexane	702	2.00		2470	7.05			10
1,1,1-Trichloroethane	ND	2.00		ND	10.9			10
Benzene	8.25	2.00		26.4	6.39			10
Carbon tetrachloride	ND	2.00		ND	12.6			10
Cyclohexane	202	2.00		695	6.88			10
1,2-Dichloropropane	ND	2.00		ND	9.24			10
Bromodichloromethane	ND	2.00		ND	13.4			10
1,4-Dioxane	ND	2.00		ND	7.21			10
Trichloroethene	ND	2.00		ND	10.7			10
2,2,4-Trimethylpentane	225	2.00		1050	9.34			10
Heptane	205	2.00		840	8.20			10
cis-1,3-Dichloropropene	ND	2.00		ND	9.08			10
1-Methyl-2-pentanone	ND	5.00		ND	20.5			10
rans-1,3-Dichloropropene	ND	2.00		ND	9.08			10
1,1,2-Trichloroethane	ND	2.00		ND	10.9			10
Toluene	28.8	2.00		109	7.54			10
2-Hexanone	ND	2.00		ND	8.20			10
Dibromochloromethane	ND	2.00		ND	17.0			10
1,2-Dibromoethane	ND	2.00		ND	15.4			10
Fetrachloroethene	ND	2.00		ND	13.6			10
Chlorobenzene	ND	2.00		ND	9.21			10
Ethylbenzene	14.5	2.00		63.0	8.69			10



Project Name: T. OF DEWITT LANDFILL MONITOR Lab Number: L2168549

Project Number: Not Specified Report Date: 12/28/21

SAMPLE RESULTS

Lab ID: L2168549-03 D

Client ID: V-18

Sample Location: FISHER RD, EAST SYRACUSE

Date Collected: 12/13/21 14:50

Date Received: 12/13/21

Field Prep: Not Specified

	ppbV		ug/m3				Dilution
Results	RL	MDL	Results	RL	MDL	Qualifier	Factor
d Lab							
28.8	4.00		125	17.4			10
ND	2.00		ND	20.7			10
ND	2.00		ND	8.52			10
ND	2.00		ND	13.7			10
6.07	2.00		26.4	8.69			10
ND	2.00		ND	9.83			10
2.51	2.00		12.3	9.83			10
ND	2.00		ND	9.83			10
ND	2.00		ND	10.4			10
ND	2.00		ND	12.0			10
3.39	2.00		20.4	12.0			10
ND	2.00		ND	12.0			10
ND	2.00		ND	14.8			10
ND	2.00		ND	21.3			10
	28.8 ND ND ND 6.07 ND 2.51 ND ND ND ND ND ND ND ND ND N	Results RL 28.8 4.00 ND 2.00 ND 2.00 ND 2.00 ND 2.00 AD 2.00 ND 2.00	Results RL MDL d Lab 28.8 4.00 ND 2.00 ND 2.00 ND 2.00 6.07 2.00 ND 2.00	Results RL MDL Results d Lab 28.8 4.00 125 ND 2.00 ND ND 2.00 ND ND 2.00 ND 6.07 2.00 ND 2.51 2.00 ND 2.51 2.00 ND ND 2.00 ND	Results RL MDL Results RL d Lab 28.8 4.00 125 17.4 ND 2.00 ND 20.7 ND 2.00 ND 8.52 ND 2.00 ND 13.7 6.07 2.00 ND 13.7 6.07 2.00 ND 9.83 2.51 2.00 ND 9.83 ND 2.00 ND 9.83 ND 2.00 ND 10.4 ND 2.00 ND 12.0 ND 2.00 ND 12.0 ND 2.00 ND 12.0 ND 2.00 ND 14.8	Results RL MDL Results RL MDL d Lab 28.8 4.00 125 17.4 ND 2.00 ND 20.7 ND 2.00 ND 8.52 ND 2.00 ND 13.7 6.07 2.00 ND 9.83 ND 2.00 ND 9.83 ND 2.00 ND 9.83 ND 2.00 ND 9.83 ND 2.00 ND 10.4 ND 2.00 ND 10.4 ND 2.00 ND 12.0 ND 2.00 ND 12.0 ND 2.00 ND 14.8 <t< td=""><td>Results RL MDL Results RL MDL Qualifier d Lab 28.8 4.00 125 17.4 ND 2.00 ND 20.7 ND 2.00 ND 8.52 ND 2.00 ND 13.7 6.07 2.00 ND 9.83 ND 2.00 ND 9.83 ND 2.00 ND 9.83 ND 2.00 ND 10.4 ND 2.00 ND 10.4 ND 2.00 ND 12.0 ND 2.00 ND 12.0 ND</td></t<>	Results RL MDL Results RL MDL Qualifier d Lab 28.8 4.00 125 17.4 ND 2.00 ND 20.7 ND 2.00 ND 8.52 ND 2.00 ND 13.7 6.07 2.00 ND 9.83 ND 2.00 ND 9.83 ND 2.00 ND 9.83 ND 2.00 ND 10.4 ND 2.00 ND 10.4 ND 2.00 ND 12.0 ND 2.00 ND 12.0 ND

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	102		60-140
chlorobenzene-d5	96		60-140



Project Name: T. OF DEWITT LANDFILL MONITOR Lab Number: L2168549

Project Number: Not Specified Report Date: 12/28/21

SAMPLE RESULTS

Lab ID: Date Collected: 12/13/21 00:00

Client ID: BLIND DUP Date Received: 12/13/21
Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Matrix: Soil_Vapor Anaytical Method: 48,TO-15 Analytical Date: 12/28/21 08:00

Analyst: TS

		ppbV			ug/m3			Dilution
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Factor
Volatile Organics in Air - Mar	nsfield Lab							
Dichlorodifluoromethane	41.0	0.200		203	0.989			1
Chloromethane	3.78	0.200		7.81	0.413			1
Freon-114	15.0	0.200		105	1.40			1
Vinyl chloride	20.6	0.200		52.7	0.511			1
1,3-Butadiene	ND	0.200		ND	0.442			1
Bromomethane	ND	0.200		ND	0.777			1
Chloroethane	20.9	0.200		55.2	0.528			1
Ethanol	ND	5.00		ND	9.42			1
Vinyl bromide	ND	0.200		ND	0.874			1
Acetone	66.8	1.00		159	2.38			1
Trichlorofluoromethane	1.88	0.200		10.6	1.12			1
Isopropanol	7.04	0.500		17.3	1.23			1
1,1-Dichloroethene	0.259	0.200		1.03	0.793			1
Tertiary butyl Alcohol	ND	0.500		ND	1.52			1
Methylene chloride	1.33	0.500		4.62	1.74			1
3-Chloropropene	ND	0.200		ND	0.626			1
Carbon disulfide	0.461	0.200		1.44	0.623			1
Freon-113	ND	0.200		ND	1.53			1
trans-1,2-Dichloroethene	0.397	0.200		1.57	0.793			1
1,1-Dichloroethane	5.17	0.200		20.9	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	1.79	0.200		7.10	0.793			1



Project Number: Not Specified Report Date: 12/28/21

SAMPLE RESULTS

 Lab ID:
 L2168549-04
 Date Collected:
 12/13/21 00:00

 Client ID:
 BLIND DUP
 Date Received:
 12/13/21

Client ID: BLIND DUP Date Received: 12/13/21
Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

		ppbV	ug/m3				Dilution	
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Factor
Volatile Organics in Air - Mans	sfield Lab							
Ethyl Acetate	ND	0.500		ND	1.80			1
Chloroform	1.25	0.200		6.10	0.977			1
Tetrahydrofuran	2.61	0.500		7.70	1.47			1
1,2-Dichloroethane	ND	0.200		ND	0.809			1
n-Hexane	453	0.200		1600	0.705		E	1
1,1,1-Trichloroethane	0.731	0.200		3.99	1.09			1
Benzene	8.15	0.200		26.0	0.639			1
Carbon tetrachloride	ND	0.200		ND	1.26			1
Cyclohexane	180	0.200		620	0.688		Е	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	164	0.200		766	0.934		Е	1
Heptane	155	0.200		635	0.820		Е	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	20.5	0.200		77.3	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	1.38	0.200		9.36	1.36			1
Chlorobenzene	ND	0.200		ND	0.921			1
Ethylbenzene	10.5	0.200		45.6	0.869			1



Project Name: T. OF DEWITT LANDFILL MONITOR Lab Number: L2168549

Project Number: Not Specified Report Date: 12/28/21

SAMPLE RESULTS

 Lab ID:
 L2168549-04
 Date Collected:
 12/13/21 00:00

 Client ID:
 BLIND DUP
 Date Received:
 12/13/21

Client ID: BLIND DUP Date Received: 12/13/21
Sample Location: FISHER RD, EAST SYRACUSE Field Prep: Not Specified

		ppbV			ug/m3			Dilution
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Factor
Volatile Organics in Air - Man	sfield Lab							
p/m-Xylene	20.7	0.400		89.9	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
o-Xylene	4.54	0.200		19.7	0.869			1
4-Ethyltoluene	ND	0.200		ND	0.983			1
1,3,5-Trimethylbenzene	1.85	0.200		9.09	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	2.86	0.200		17.2	1.20			1
1,2-Dichlorobenzene	ND	0.200		ND	1.20			1
1,2,4-Trichlorobenzene	ND	0.200		ND	1.48			1
Hexachlorobutadiene	ND	0.200		ND	2.13			1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	113		60-140



Project Name: T. OF DEWITT LANDFILL MONITOR Lab Number: L2168549

Project Number: Not Specified Report Date: 12/28/21

SAMPLE RESULTS

Lab ID: L2168549-04 D Date Collected: 12/13/21 00:00

Client ID: Date Received: 12/13/21

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

Sample Depth:

Matrix: Soil_Vapor Anaytical Method: 48,TO-15 Analytical Date: 12/28/21 09:03

Analyst: TS

		ppbV			ug/m3		Dilution	
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Factor
Volatile Organics in Air - Ma	nsfield Lab							
n-Hexane	689	2.50		2430	8.81			12.5
Cyclohexane	199	2.50		685	8.61			12.5
2,2,4-Trimethylpentane	216	2.50		1010	11.7			12.5
Heptane	191	2.50		783	10.2			12.5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	85		60-140
Bromochloromethane	85		60-140
chlorobenzene-d5	76		60-140



Project Name: T. OF DEWITT LANDFILL MONITOR **Lab Number:** L2168549

Project Number: Not Specified Report Date: 12/28/21

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15 Analytical Date: 12/23/21 19:44

		ppbV		ug/m3				Dilution
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Factor
Volatile Organics in Air - Mansfie	eld Lab for samp	ole(s): 01	-03 Batch	: WG15873	321-4			
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: T. OF DEWITT LANDFILL MONITOR **Lab Number:** L2168549

Project Number: Not Specified Report Date: 12/28/21

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15 Analytical Date: 12/23/21 19:44

		ppbV			ug/m3			Dilution
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Factor
Volatile Organics in Air - Mansfi	eld Lab for samp	ole(s): 01-	03 Batcl	h: WG15873	21-4			
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: T. OF DEWITT LANDFILL MONITOR Lab Number: L2168549

Project Number: Not Specified Report Date: 12/28/21

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15 Analytical Date: 12/23/21 19:44

		ppbV			ug/m3			Dilution
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Factor
Volatile Organics in Air - Mansfi	eld Lab for samp	le(s): 01-	-03 Batch	n: WG15873	21-4			
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
Hexachlorobutadiene	ND	0.200		ND	2.13			1



Project Name: T. OF DEWITT LANDFILL MONITOR **Lab Number:** L2168549

Project Number: Not Specified Report Date: 12/28/21

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15 Analytical Date: 12/27/21 15:07

		PpbV			ug/m3			Dilution
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Factor
Volatile Organics in Air - Mansfie	ld Lab for samp	ole(s): 04	Batch:	WG1587993-	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: T. OF DEWITT LANDFILL MONITOR **Lab Number:** L2168549

Project Number: Not Specified Report Date: 12/28/21

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15 Analytical Date: 12/27/21 15:07

		ppbV			ug/m3			Dilution
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Factor
Volatile Organics in Air - Mansfie	eld Lab for samp	ole(s): 04	Batch:	WG1587993-	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: T. OF DEWITT LANDFILL MONITOR Lab Number: L2168549

Project Number: Not Specified Report Date: 12/28/21

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15 Analytical Date: 12/27/21 15:07

		ppbV			ug/m3			Dilution
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Factor
Volatile Organics in Air - Mansfiel	d Lab for samp	le(s): 04	Batch:	WG1587993-	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
Hexachlorobutadiene	ND	0.200		ND	2.13			1



Project Name: T. OF DEWITT LANDFILL MONITOR

Project Number: Not Specified

Lab Number: L2168549

Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1587321-3	Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Chloromethane 102 70-130 - Freon-114 96 - 70-130 - Vinyl chloride 104 - 70-130 - 1,3-Butadiene 101 - 70-130 - Bromomethane 101 - 70-130 - Chloroethane 106 - 70-130 - Ethanol 92 - 40-160 - Vinyl bromide 101 - 70-130 - Acetone 131 - 40-160 - Trichlorofluoromethane 110 - 70-130 - Isopropanol 117 - 40-160 - Isopropanol 117 - 40-160 - Interior butyl Alcohol 103 - 70-130 - Methylene chloride 110 - 70-130 - Grow of sulfide 94 - 70-130 - Freon-113 100 <t< td=""><td>/olatile Organics in Air - Mansfield Lab As</td><td>ssociated sample(s):</td><td>01-03</td><td>Batch: WG158732</td><td>21-3</td><td></td><td></td><td></td><td></td></t<>	/olatile Organics in Air - Mansfield Lab As	ssociated sample(s):	01-03	Batch: WG158732	21-3				
Freon-114 96 - 70-130 - Vinyl chloride 104 - 70-130 - 1,3-Butadiene 101 - 70-130 - Bromomethane 101 - 70-130 - Chloroethane 106 - 70-130 - Ethanol 92 - 40-160 - Vinyl bromide 101 - 70-130 - Acetone 131 - 40-160 - Trichlorofluoromethane 110 - 70-130 - Isopropanol 117 - 40-160 - 1,1-Dichloroethene 110 - 70-130 - Tertiary butyl Alcohol 103 - 70-130 - 3-Chloropropene 118 - 70-130 - Carbon disulfide 94 - 70-130 - Freon-113 100 - 70-130 - Irans-1,2-Dichloroethene </td <td>Dichlorodifluoromethane</td> <td>98</td> <td></td> <td>-</td> <td></td> <td>70-130</td> <td>-</td> <td></td> <td></td>	Dichlorodifluoromethane	98		-		70-130	-		
Vinyl chloride 104 - 70-130 - 1,3-Butadiene 101 - 70-130 - Bromomethane 101 - 70-130 - Chloroethane 106 - 70-130 - Ethanol 92 - 40-160 - Vinyl bromide 101 - 70-130 - Acetone 131 - 40-160 - Trichlorolluoromethane 110 - 70-130 - Isopropanol 117 - 40-160 - 1,1-Dichloroethene 110 - 70-130 - Tertiary bulyl Alcohol 103 - 70-130 - Methylene chloride 110 - 70-130 - 3-Chloropropene 118 - 70-130 - Carbon disulfide 94 - 70-130 - Freon-113 100 - 70-130 - Irans-1,2-Dichlo	Chloromethane	102		-		70-130	-		
1,3-Butadiene 101 - 70-130 - Bromomethane 101 - 70-130 - Chloroethane 106 - 70-130 - Ethanol 92 - 40-160 - Viryl bromide 101 - 70-130 - Acetone 131 - 40-160 - Trichlorofluoromethane 110 - 70-130 - Isopropanol 117 - 40-160 - 1,1-Dichloroethene 110 - 70-130 - Tertiary butyl Alcohol 103 - 70-130 - Methylene chloride 110 - 70-130 - 3-Chloropropene 118 - 70-130 - Carbon disulfide 94 - 70-130 - Freon-113 100 - 70-130 - Itrans-1,2-Dichloroethane 106 - 70-130 - Methyl tert butyl ether 98 - 70-130 - 2-Butanone	Freon-114	96		-		70-130	-		
Bromomethane 101 - 70-130 - Chloroethane 106 - 70-130 - Ethanol 92 - 40-160 - Vinyl bromide 101 - 70-130 - Acetone 131 - 40-160 - Trichlorofluoromethane 110 - 70-130 - Isopropanol 117 - 40-160 - 1,1-Dichloroethene 110 - 70-130 - Tertiary butyl Alcohol 103 - 70-130 - Methylene chloride 110 - 70-130 - 3-Chloropropene 118 - 70-130 - Garbon disulfide 94 - 70-130 - Freon-113 100 - 70-130 - Itrans-1,2-Dichloroethane 102 - 70-130 - Methyl tert butyl ether 98 - 70-130 -	Vinyl chloride	104		-		70-130	-		
Chloroethane 106 - 70-130 - Ethanol 92 - 40-160 - Vinyl bromide 101 - 70-130 - Acetone 131 - 40-160 - Trichlorofluoromethane 110 - 70-130 - Isopropanol 117 - 40-160 - 1,1-Dichloroethene 110 - 70-130 - Tertiary butyl Alcohol 103 - 70-130 - Methylene chloride 110 - 70-130 - 3-Chloropropene 118 - 70-130 - Carbon disulfide 94 - 70-130 - Freon-113 100 - 70-130 - trans-1,2-Dichloroethane 102 - 70-130 - 1,1-Dichloroethane 106 - 70-130 - Aethyl tert butyl ether 98 - 70-130 - 2-Butanone 102 - 70-130 -	1,3-Butadiene	101		-		70-130	-		
Ethanol 92 - 40-160 - Vinyl bromide 101 - 70-130 - Acetone 131 - 40-160 - Trichlorofluoromethane 110 - 70-130 - Isopropanol 117 - 40-160 - 1,1-Dichloroethene 110 - 70-130 - Tertiary butyl Alcohol 103 - 70-130 - Methylene chloride 110 - 70-130 - 3-Chloropropene 118 - 70-130 - Carbon disulfide 94 - 70-130 - Freon-113 100 - 70-130 - trans-1,2-Dichloroethene 102 - 70-130 - 1,1-Dichloroethane 106 - 70-130 - Methyl tert butyl ether 98 - 70-130 - 2-Butanone 102 - 70-130 -	Bromomethane	101		-		70-130	-		
Vinyl bromide 101 - 70-130 - Acetone 131 - 40-160 - Trichlorofluoromethane 110 - 70-130 - Isopropanol 117 - 40-160 - 1,1-Dichloroethene 110 - 70-130 - Tertiary butyl Alcohol 103 - 70-130 - Methylene chloride 110 - 70-130 - 3-Chloropropene 118 - 70-130 - Carbon disulfide 94 - 70-130 - Freon-113 100 - 70-130 - trans-1,2-Dichloroethene 102 - 70-130 - 1,1-Dichloroethane 106 - 70-130 - Methyl tert butyl ether 98 - 70-130 - 2-Butanone 102 - 70-130 -	Chloroethane	106		-		70-130	-		
Acetone 131 - 40-160 - Trichlorofluoromethane 110 - 70-130 - Isopropanol 117 - 40-160 - 1,1-Dichloroethene 110 - 70-130 - Tertiary butyl Alcohol 103 - 70-130 - Methylene chloride 110 - 70-130 - 3-Chloropropene 118 - 70-130 - Carbon disulfide 94 - 70-130 - Freon-113 100 - 70-130 - trans-1,2-Dichloroethene 102 - 70-130 - 1,1-Dichloroethane 106 - 70-130 - Methyl tert butyl ether 98 - 70-130 - 2-Butanone 102 - 70-130 -	Ethanol	92		-		40-160	-		
Trichlorofluoromethane 110 - 70-130 - Isopropanol 117 - 40-160 - 1,1-Dichloroethene 110 - 70-130 - Tertiary butyl Alcohol 103 - 70-130 - Methylene chloride 110 - 70-130 - 3-Chloropropene 118 - 70-130 - Carbon disulfide 94 - 70-130 - Freon-113 100 - 70-130 - trans-1,2-Dichloroethene 102 - 70-130 - 1,1-Dichloroethane 106 - 70-130 - Methyl tert butyl ether 98 - 70-130 - 2-Butanone 102 - 70-130 -	Vinyl bromide	101		-		70-130	-		
Isopropanol	Acetone	131		-		40-160	-		
1,1-Dichloroethene 110 - 70-130 - Tertiary butyl Alcohol 103 - 70-130 - Methylene chloride 110 - 70-130 - 3-Chloropropene 118 - 70-130 - Carbon disulfide 94 - 70-130 - Freon-113 100 - 70-130 - trans-1,2-Dichloroethene 102 - 70-130 - 1,1-Dichloroethane 106 - 70-130 - Methyl tert butyl ether 98 - 70-130 - 2-Butanone 102 - 70-130 -	Trichlorofluoromethane	110		-		70-130	-		
Tertiary butyl Alcohol 103 - 70-130 - Methylene chloride 110 - 70-130 - 3-Chloropropene 118 - 70-130 - Carbon disulfide 94 - 70-130 - Freon-113 100 - 70-130 - trans-1,2-Dichloroethene 102 - 70-130 - 1,1-Dichloroethane 106 - 70-130 - Methyl tert butyl ether 98 - 70-130 - 2-Butanone 102 - 70-130 -	Isopropanol	117		-		40-160	-		
Methylene chloride 110 - 70-130 - 3-Chloropropene 118 - 70-130 - Carbon disulfide 94 - 70-130 - Freon-113 100 - 70-130 - trans-1,2-Dichloroethene 102 - 70-130 - 1,1-Dichloroethane 106 - 70-130 - Methyl tert butyl ether 98 - 70-130 - 2-Butanone 102 - 70-130 -	1,1-Dichloroethene	110		-		70-130	-		
3-Chloropropene 118 - 70-130 - Carbon disulfide 94 - 70-130 - Freon-113 100 - 70-130 - trans-1,2-Dichloroethene 102 - 70-130 - 1,1-Dichloroethane 106 - 70-130 - Methyl tert butyl ether 98 - 70-130 - 2-Butanone 102 - 70-130 -	Tertiary butyl Alcohol	103		-		70-130	-		
Carbon disulfide 94 - 70-130 - Freon-113 100 - 70-130 - trans-1,2-Dichloroethene 102 - 70-130 - 1,1-Dichloroethane 106 - 70-130 - Methyl tert butyl ether 98 - 70-130 - 2-Butanone 102 - 70-130 -	Methylene chloride	110		-		70-130	-		
Freon-113 100 - 70-130 - trans-1,2-Dichloroethene 102 - 70-130 - 1,1-Dichloroethane 106 - 70-130 - Methyl tert butyl ether 98 - 70-130 - 2-Butanone 102 - 70-130 -	3-Chloropropene	118		-		70-130	-		
trans-1,2-Dichloroethene 102 - 70-130 - 1,1-Dichloroethane 106 - 70-130 - Methyl tert butyl ether 98 - 70-130 - 2-Butanone 102 - 70-130 -	Carbon disulfide	94		-		70-130	-		
1,1-Dichloroethane 106 - 70-130 - Methyl tert butyl ether 98 - 70-130 - 2-Butanone 102 - 70-130 -	Freon-113	100		-		70-130	-		
Methyl tert butyl ether 98 - 70-130 - 2-Butanone 102 - 70-130 -	trans-1,2-Dichloroethene	102		-		70-130	-		
2-Butanone 102 - 70-130 -	1,1-Dichloroethane	106		-		70-130	-		
	Methyl tert butyl ether	98		-		70-130	-		
cis-1,2-Dichloroethene 109 - 70-130 -	2-Butanone	102		-		70-130	-		
	cis-1,2-Dichloroethene	109		-		70-130	-		



Project Name: T. OF DEWITT LANDFILL MONITOR

Project Number: Not Specified

Lab Number: L2168549

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab	Associated sample(s):	01-03	Batch: WG158732	21-3				
Ethyl Acetate	109		-		70-130	-		
Chloroform	104		-		70-130	-		
Tetrahydrofuran	103		-		70-130	-		
1,2-Dichloroethane	107		-		70-130	-		
n-Hexane	103		-		70-130	-		
1,1,1-Trichloroethane	98		-		70-130	-		
Benzene	89		-		70-130	-		
Carbon tetrachloride	102		-		70-130	-		
Cyclohexane	102		-		70-130	-		
1,2-Dichloropropane	104		-		70-130	-		
Bromodichloromethane	100		-		70-130	-		
1,4-Dioxane	101		-		70-130	-		
Trichloroethene	99		-		70-130	-		
2,2,4-Trimethylpentane	105		-		70-130	-		
Heptane	104		-		70-130	-		
cis-1,3-Dichloropropene	102		-		70-130	-		
4-Methyl-2-pentanone	105		-		70-130	-		
trans-1,3-Dichloropropene	88		-		70-130	-		
1,1,2-Trichloroethane	97		-		70-130	-		
Toluene	88		-		70-130	-		
2-Hexanone	100		-		70-130	-		
Dibromochloromethane	96		-		70-130	-		
1,2-Dibromoethane	92		-		70-130	-		



Project Name: T. OF DEWITT LANDFILL MONITOR

Project Number: Not Specified

Lab Number: L2168549

arameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
/olatile Organics in Air - Mansfield Lab Ass	sociated sample(s):	01-03	Batch: WG158732	1-3				
Tetrachloroethene	91		-		70-130	-		
Chlorobenzene	94		-		70-130	-		
Ethylbenzene	95		-		70-130	-		
p/m-Xylene	96		-		70-130	-		
Bromoform	96		-		70-130	-		
Styrene	93		-		70-130	-		
1,1,2,2-Tetrachloroethane	101		-		70-130	-		
o-Xylene	98		-		70-130	-		
4-Ethyltoluene	90		-		70-130	-		
1,3,5-Trimethylbenzene	94		-		70-130	-		
1,2,4-Trimethylbenzene	99		-		70-130	-		
Benzyl chloride	99		-		70-130	-		
1,3-Dichlorobenzene	91		-		70-130	-		
1,4-Dichlorobenzene	92		-		70-130	-		
1,2-Dichlorobenzene	91		-		70-130	-		
1,2,4-Trichlorobenzene	93		-		70-130	-		
Hexachlorobutadiene	90		-		70-130	-		



Project Name: T. OF DEWITT LANDFILL MONITOR

Project Number: Not Specified

Lab Number: L2168549

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab	Associated sample(s):	04 Batch	: WG1587993-3					
Dichlorodifluoromethane	100		-		70-130	-		
Chloromethane	83		-		70-130	-		
Freon-114	97		-		70-130	-		
Vinyl chloride	91		-		70-130	-		
1,3-Butadiene	95		-		70-130	-		
Bromomethane	97		-		70-130	-		
Chloroethane	91		-		70-130	-		
Ethanol	95		-		40-160	-		
Vinyl bromide	95		-		70-130	-		
Acetone	91		-		40-160	-		
Trichlorofluoromethane	117		-		70-130	-		
Isopropanol	97		-		40-160	-		
1,1-Dichloroethene	106		-		70-130	-		
Tertiary butyl Alcohol	112		-		70-130	-		
Methylene chloride	96		-		70-130	-		
3-Chloropropene	84		-		70-130	-		
Carbon disulfide	90		-		70-130	-		
Freon-113	88		-		70-130	-		
trans-1,2-Dichloroethene	98		-		70-130	-		
1,1-Dichloroethane	104		-		70-130	-		
Methyl tert butyl ether	106		-		70-130	-		
2-Butanone	104		-		70-130	-		
cis-1,2-Dichloroethene	107		-		70-130	-		



Project Name: T. OF DEWITT LANDFILL MONITOR

Project Number: Not Specified

Lab Number: L2168549

arameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
/olatile Organics in Air - Mansfield Lab A	ssociated sample(s):	04 Batch	: WG1587993-3					
Ethyl Acetate	98		-		70-130	-		
Chloroform	115		-		70-130	-		
Tetrahydrofuran	100		-		70-130	-		
1,2-Dichloroethane	123		-		70-130	-		
n-Hexane	94		-		70-130	-		
1,1,1-Trichloroethane	120		-		70-130	-		
Benzene	91		-		70-130	-		
Carbon tetrachloride	125		-		70-130	-		
Cyclohexane	94		-		70-130	-		
1,2-Dichloropropane	98		-		70-130	-		
Bromodichloromethane	116		-		70-130	-		
1,4-Dioxane	118		-		70-130	-		
Trichloroethene	111		-		70-130	-		
2,2,4-Trimethylpentane	97		-		70-130	-		
Heptane	96		-		70-130	-		
cis-1,3-Dichloropropene	108		-		70-130	-		
4-Methyl-2-pentanone	112		-		70-130	-		
trans-1,3-Dichloropropene	96		-		70-130	-		
1,1,2-Trichloroethane	106		-		70-130	-		
Toluene	86		-		70-130	-		
2-Hexanone	102		-		70-130	-		
Dibromochloromethane	115		-		70-130	-		
1,2-Dibromoethane	98		-		70-130	-		



Project Name: T. OF DEWITT LANDFILL MONITOR

Project Number: Not Specified

Lab Number: L2168549

arameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
olatile Organics in Air - Mansfield Lab Ass	ociated sample(s):	04 Batch	n: WG1587993-3					
Tetrachloroethene	97		-		70-130	-		
Chlorobenzene	94		-		70-130	-		
Ethylbenzene	98		-		70-130	-		
p/m-Xylene	100		-		70-130	-		
Bromoform	122		-		70-130	-		
Styrene	97		-		70-130	-		
1,1,2,2-Tetrachloroethane	96		-		70-130	-		
o-Xylene	103		-		70-130	-		
4-Ethyltoluene	97		-		70-130	-		
1,3,5-Trimethylbenzene	102		-		70-130	-		
1,2,4-Trimethylbenzene	107		-		70-130	-		
Benzyl chloride	84		-		70-130	-		
1,3-Dichlorobenzene	104		-		70-130	-		
1,4-Dichlorobenzene	104		-		70-130	-		
1,2-Dichlorobenzene	106		-		70-130	-		
1,2,4-Trichlorobenzene	116		-		70-130	-		
Hexachlorobutadiene	117		-		70-130	-		



Lab Duplicate Analysis Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITOR

Project Number: Not Specified

Lab Number:

L2168549

Report Date:

12/28/21

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Volatile Organics in Air - Mansfield Lab	Associated sample(s): 01-03	QC Batch ID: WG1587321-5	QC Sample:	L2168549-0	1 Client ID:	V-10
Dichlorodifluoromethane	65.8	55.3	ppbV	17		25
Chloromethane	13.8	13.8	ppbV	0		25
Freon-114	11.3	10.5	ppbV	7		25
Vinyl chloride	24.3	21.6	ppbV	12		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	17.0	15.0	ppbV	13		25
Ethanol	ND	ND	ppbV	NC		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	253	200	ppbV	23		25
Trichlorofluoromethane	93.0	72.9	ppbV	24		25
Isopropanol	16.6	12.3	ppbV	30	Q	25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Tertiary butyl Alcohol	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	7.93	7.28	ppbV	9		25
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25



Lab Duplicate Analysis Batch Quality Control

Project Name: T. OF DEWITT LANDFILL MONITOR

Project Number: Not Specified

Lab Number: L2168549 **Report Date:** 12/28/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Qual Limits
Volatile Organics in Air - Mansfield Lab	Associated sample(s): 01-03	QC Batch ID: WG1587321-5	QC Sample:	L2168549-0	1 Client ID: V-10
2-Butanone	ND	ND	ppbV	NC	25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Ethyl Acetate	ND	ND	ppbV	NC	25
Chloroform	ND	ND	ppbV	NC	25
Tetrahydrofuran	32.7	32.4	ppbV	1	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
n-Hexane	568	594	ppbV	4	25
1,1,1-Trichloroethane	ND	ND	ppbV	NC	25
Benzene	4.86	5.34	ppbV	9	25
Carbon tetrachloride	ND	ND	ppbV	NC	25
Cyclohexane	185	195	ppbV	5	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
Bromodichloromethane	ND	ND	ppbV	NC	25
1,4-Dioxane	ND	ND	ppbV	NC	25
Trichloroethene	ND	1.47	ppbV	NC	25
2,2,4-Trimethylpentane	216	227	ppbV	5	25
Heptane	169	178	ppbV	5	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25



Lab Duplicate Analysis

Project Name: T. OF DEWITT LANDFILL MONITOR

Not Specified

Project Number:

Batch Quality Control Lab Number: L2168549

Report Date: 12/28/21

RPD Native Sample Duplicate Sample Units RPD Qual Limits **Parameter** Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1587321-5 QC Sample: L2168549-01 Client ID: V-10 Toluene 2.77 2.87 ppbV 4 25 ND NC 25 2-Hexanone ND ppbV Dibromochloromethane ND ND NC 25 ppbV ND NC 25 1.2-Dibromoethane ND ppbV Tetrachloroethene 5.23 5.44 4 25 Vdqq Chlorobenzene ND ND ppbV NC 25 Ethylbenzene 7 20.1 21.5 ppbV 25 p/m-Xylene 14.2 6 25 15.1 ppbV Bromoform ND NC 25 ND ppbV ND NC 25 Styrene ND ppbV 1,1,2,2-Tetrachloroethane ND ND ppbV NC 25 7.74 2 25 o-Xylene 7.55 ppbV 4-Ethyltoluene ND ND ppbV NC 25 1,3,5-Trimethylbenzene 4.18 11 25 4.68 ppbV 9 25 1,2,4-Trimethylbenzene 2.74 2.99 ppbV Benzyl chloride ND ND ppbV NC 25 1.3-Dichlorobenzene ND ND NC 25 ppbV 12 25 1.4-Dichlorobenzene 9.76 11.0 Vdqq 1,2-Dichlorobenzene ND NC 25 ND ppbV ND NC 25 1.2.4-Trichlorobenzene ND ppbV Hexachlorobutadiene ND ND ppbV NC 25



T. OF DEWITT LANDFILL MONITOR Lab Number: L2168549

Project Number: Report Date: 12/28/21

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 Out mL/min	Flow In mL/min	% RPD
L2168549-01	V-10	3447	2.7L Can	12/06/21	372124	L2165694-07	Pass	-29.2	-1.8	-	-	-	-
L2168549-02	V-11	3405	2.7L Can	12/06/21	372124	L2165694-07	Pass	-29.2	-1.3	-	-	-	-
L2168549-03	V-18	559	2.7L Can	12/06/21	372124	L2165694-07	Pass	-29.2	-3.0	-	-	-	-
L2168549-04	BLIND DUP	1728	2.7L Can	12/06/21	372124	L2165694-07	Pass	-29.2	-3.5	-	-	-	-



Project Name:

L2165694

Lab Number:

Project Name: BATCH CANISTER CERTIFICATION

Project Number: CANISTER QC BAT Report Date: 12/28/21

Air Canister Certification Results

Lab ID: L2165694-07 Date Collected: 12/01/21 08:00

Client ID: CAN 559 SHELF 2 Date Received: 12/01/21

Sample Location: Field Prep: Not Specified

Sample Depth:

Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 12/01/21 20:37

Analyst: TS

		ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Factor	
Volatile Organics in Air - Mansfiel	d 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	



L2165694

Lab Number:

Project Name: BATCH CANISTER CERTIFICATION

Project Number: CANISTER QC BAT Report Date: 12/28/21

Air Canister Certification Results

Lab ID: L2165694-07 Date Collected: 12/01/21 08:00

Client ID: CAN 559 SHELF 2 Date Received: 12/01/21
Sample Location: Field Prop: Net Specific

Sample Location: Field Prep: Not Specified

апріє Беріп.		ppbV			ug/m3			Dilution
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	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



L2165694

Lab Number:

Project Name: BATCH CANISTER CERTIFICATION

Project Number: CANISTER QC BAT Report Date: 12/28/21

Air Canister Certification Results

Lab ID: L2165694-07 Date Collected: 12/01/21 08:00

Client ID: CAN 559 SHELF 2 Date Received: 12/01/21 Sample Location: Field Prep: Not Specified

запріє Беріп.		ppbV			ug/m3			Dilution
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	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
rans-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
o/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



L2165694

12/01/21 08:00

Lab Number:

Project Name: BATCH CANISTER CERTIFICATION

Project Number: CANISTER QC BAT Report Date: 12/28/21

Air Canister Certification Results

Lab ID: L2165694-07 Date Collected:

Client ID: CAN 559 SHELF 2 Date Received: 12/01/21

Sample Location: Field Prep: Not Specified

		ppbV			ug/m3			Dilution
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Factor
Volatile Organics in Air - Mansf	ield 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
sopropylbenzene	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
1-Chlorotoluene	ND	0.200		ND	1.04			1
1-Ethyltoluene	ND	0.200		ND	0.983			1
,3,5-Trimethylbenzene	ND	0.200		ND	0.983			1
ert-Butylbenzene	ND	0.200		ND	1.10			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
,3-Dichlorobenzene	ND	0.200		ND	1.20			1
,4-Dichlorobenzene	ND	0.200		ND	1.20			1
sec-Butylbenzene	ND	0.200		ND	1.10			1
o-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
Jndecane	ND	0.200		ND	1.28			1
Dodecane	ND	0.200		ND	1.39			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 Lab Number: L2165694

Project Number: CANISTER QC BAT Report Date: 12/28/21

Air Canister Certification Results

Lab ID: L2165694-07 Date Collected: 12/01/21 08:00

Client ID: CAN 559 SHELF 2 Date Received: 12/01/21

Sample Location: Field Prep: Not Specified

Sample Depth:

Parameter Results RL MDL Results RL MDL Qualifier Factor

Volatile Organics in Air - Mansfield Lab

Dilution Results Qualifier Units RDL Factor

Tentatively Identified Compounds

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	91		60-140



L2165694

Lab Number:

Project Name: BATCH CANISTER CERTIFICATION

Project Number: CANISTER QC BAT Report Date: 12/28/21

Air Canister Certification Results

Lab ID: L2165694-07 Date Collected: 12/01/21 08:00

Client ID: CAN 559 SHELF 2 Date Received: 12/01/21

Sample Location: Field Prep: Not Specified

Sample Depth:

Matrix: Air

Analytical Method: 48,TO-15-SIM Analytical Date: 12/01/21 20:37

Analyst: TS

		ppbV			ug/m3			Dilution
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	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



L2165694

Lab Number:

Project Name: BATCH CANISTER CERTIFICATION

Project Number: CANISTER QC BAT **Report Date:** 12/28/21

Air Canister Certification Results

Lab ID: L2165694-07 Date Collected:

12/01/21 08:00 Client ID: CAN 559 SHELF 2 Date Received: 12/01/21

Sample Location: Field Prep: Not Specified

Затріє Берті.		ppbV			ug/m3		Dilution	
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Factor
Volatile Organics in Air by SIM - Man	sfield 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
o/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	0.200		ND	1.04			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:

Project Number: CANISTER QC BAT Report Date: 12/28/21

Air Canister Certification Results

Lab ID: L2165694-07

Client ID: CAN 559 SHELF 2

Sample Location:

Date Collected:

12/01/21 08:00

Date Received:

12/01/21

L2165694

Field Prep:

Not Specified

		ppbV			ug/m3			Dilution
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	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	93		60-140
chlorobenzene-d5	90		60-140



Project Name: T. OF DEWITT LANDFILL MONITOR

Lab Number: L2168549

Project Number: Not Specified Report Date: 12/28/21

Sample Receipt and Container Information

Were project specific reporting limits specified?

Cooler Information

Cooler Custody Seal

NA Absent

Container Info	rmation		Initial	Final	Temp			Frozen	
Container ID	Container Type	Cooler	рН	рН	deg C	Pres	Seal	Date/Time	Analysis(*)
L2168549-01A	Canister - 2.7 Liter	NA	NA			Υ	Absent		TO15-LL(30)
L2168549-02A	Canister - 2.7 Liter	NA	NA			Υ	Absent		TO15-LL(30)
L2168549-03A	Canister - 2.7 Liter	NA	NA			Υ	Absent		TO15-LL(30)
L2168549-04A	Canister - 2.7 Liter	NA	NA			Υ	Absent		TO15-LL(30)



Project Name:T. OF DEWITT LANDFILL MONITORLab Number:L2168549Project Number:Not SpecifiedReport Date:12/28/21

GLOSSARY

Acronyms

EMPC

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)

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).

- 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:T. OF DEWITT LANDFILL MONITORLab Number:L2168549Project Number:Not SpecifiedReport Date:12/28/21

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.

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'.

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, Benzo(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.

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.)

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.
- 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 concentrations of the analyte at less than ten times (10x) the concentrations of the analyte was 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).
- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- 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.
- **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

Report Format: Data Usability Report



Project Name:T. OF DEWITT LANDFILL MONITORLab Number:L2168549Project Number:Not SpecifiedReport Date:12/28/21

Data Qualifiers

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.
- 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:T. OF DEWITT LANDFILL MONITORLab Number:L2168549Project Number:Not SpecifiedReport Date:12/28/21

REFERENCES

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.



Alpha Analytical, Inc. Facility: Company-wide

Department: Quality Assurance

Title: Certificate/Approval Program Summary

ID No.:17873 Revision 19

Published Date: 4/2/2021 1:14:23 PM Page 1 of 1

Certification Information

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

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene;

EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; EPA 353.2: Nitrate-N, Nitrite-N; SM4500NO3-F: Nitrate-N, Nitrite-N; SM4500F-C, SM4500CN-CE,

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; 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 II, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), EPA 600/4-81-045: PCB-Oil.

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

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

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg

SM2340B

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

Pre-Qualtrax Document ID: 08-113 Document Type: Form

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68549-01	V-10	12+3-21	7	1430	-17.56	-0.00	50	TU/85	2.7	3447	GB0103	1						
OZ	V-11	12-13-21	-	1440	-2137	-0.00	SV		1	3405	GRECOIL	×						
03	U-18	12-13-21	-	1450	-1211	-0.00	SV			569	GEB 132	X						
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ANALYTICAL REPORT

Lab Number: L2168577

Client: Town of Dewitt

5400 Butternut Drive

East Syracuse, NY 13057

ATTN: Kerri Fusco
Phone: (315) 446-3392

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-SW

Report Date: 12/31/21

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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



Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-SW

Lab Number: L2168577

Report Date: 12/31/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2168577-01	SW-1	WATER	FISHER RD., EAST SYRACUSE	12/13/21 15:20	12/14/21
L2168577-02	SW-2	WATER	FISHER RD., EAST SYRACUSE	12/13/21 15:10	12/14/21
L2168577-03	SW-3	WATER	FISHER RD., EAST SYRACUSE	12/13/21 15:45	12/14/21
L2168577-04	TRIP BLANK	WATER	FISHER RD., EAST SYRACUSE	12/13/21 00:00	12/14/21



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168577

Project Number: 1128-2021-SW Report Date: 12/31/21

Case Narrative

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

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

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

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

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

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



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168577

Project Number: 1128-2021-SW Report Date: 12/31/21

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

L2168577-03: The sample was received above the appropriate pH for the Total Hg,Total Metals analysis. The laboratory added additional HNO3 to a pH <2.

Total Metals

L2168577-02 and -03: The sample has elevated detection limits for all elements, 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.

Kwil. Wisterlind

Authorized Signature:

Title: Technical Director/Representative

Date: 12/31/21



ORGANICS



VOLATILES



L2168577

12/31/21

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-SW

SAMPLE RESULTS

Date Collected: 12/13/21 15:20

Lab Number:

Report Date:

Date Received: 12/14/21
Field Prep: Not Specified

Client ID: SW-1

Sample Location: FISHER RD., EAST SYRACUSE

L2168577-01

Sample Depth:

Lab ID:

Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 12/15/21 10:12

Analyst: NLK

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 Carbon tetrachloride ND ug/l 1.0 0.24 1 Dibromochloromethane ND ug/l 1.5 0.46 1 1,1,2-Trichloroethane ND ug/l 1.5 0.34 1 2-Chloroethylvinyl ether ND ug/l 1.0 0.25 1 1-Chloroethane ND ug/l 1.0 0.26 1 1-Chloroethane ND ug/l 1.0 0.26 1 1,1,1-Trichloroethane ND ug/l 2.0 0.29 1 1,2-Dichloropropene ND ug/l 1.5 0.31 1 1,1-1,1-Trichloroethane	Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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 1,0 0,24 1 Dibromochloromethane ND ug/l 1,5 0,34 1 1,1,2-Trichlorosthane ND ug/l 1,5 0,34 1 2-Chloroethylvinyl ether ND ug/l 1,0 0,26 1 Tetrachloroethane ND ug/l 1,0 0,26 1 Chlorobenzene ND ug/l 1,0 0,26 1 Trichlorofluoromethane ND ug/l 5,0 0,28 1 Trichlorofluoromethane ND ug/l 1,5 0,47 1 Bromodichloromethane ND ug/l 1,0 0,28 1 Bromodichloromethane ND ug/l 1,5 0,34	Volatile Organics by GC/MS - Westbo	rough Lab					
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 1.0 0.24 1 Dibromochloromethane ND ug/l 1.0 0.27 1 1,1,2-Trichloroethane ND ug/l 1.5 0.34 1 2-Chloroethylwinyl ether ND ug/l 1.0 0.26 1 2-Chloroethylwinyl ether ND ug/l 1.0 0.26 1 Chlorobenzene ND ug/l 1.0 0.26 1 Chloroethane ND ug/l 5.0 0.28 1 1,1-1-Trichloroethane ND ug/l 1.5 0.47 1 1,1-1-Trichloroethane ND ug/l 1.5 0.47 1 Bromochloromethane ND ug/l 1.5 0.31 1 Bromochloromethane ND ug/l 1.5 0.31	Methylene chloride	ND		ug/l	1.0	0.56	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-Trichlorosthane ND ug/l 1.5 0.34 1 2-Chlorosthylvinyl ether ND ug/l 1.0 0.26 1 Tetrachlorosthane ND ug/l 1.0 0.26 1 Chlorobenzene ND ug/l 1.0 0.26 1 Chlorobenzene ND ug/l 1.0 0.26 1 Chlorobenzene ND ug/l 1.5 0.30 1 Trichlorofluoromethane ND ug/l 1.5 0.47 1 1,1-1,1-Trichloroethane ND ug/l 1.0 0.28 1 Bromodichloromethane ND ug/l 1.5 0.31 1 trans-1,3-Dichloropropene ND ug/l 1.0	1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
1,2-Dichloropropane ND	Chloroform	ND		ug/l	1.0	0.38	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 1.5 0.47 1 1,1,1-Trichloroethane ND ug/l 1.0 0.28 1 Bromodichloromethane ND ug/l 1.0 0.28 1 trans-1,3-Dichloropropene ND ug/l 1.5 0.31 1 tis-1,3-Dichloropropene ND ug/l 1.0 0.22 1 1,1,2,2-Tetrachloroethane ND ug/l 1.	Carbon tetrachloride	ND		ug/l	1.0	0.24	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 1,1,1-Trichloroethane ND ug/l 1,5 0,47 1 1,1,1-Trichloroethane ND ug/l 1,5 0,47 1 Bromodichloromethane ND ug/l 1,0 0,28 1 Bromodichloromethane ND ug/l 1,0 0,28 1 Itrans-1,3-Dichloropropene ND ug/l 1,5 0,31 1 isi-1,3-Dichloropropene ND ug/l 1,0 0,22 1 Bromoform ND ug/l 1,0 0,22 1 1,1,2,2-Tetrachloroethane ND ug/l 1,0	1,2-Dichloropropane	ND		ug/l	3.5	0.46	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 0.38 1 Toluene ND ug/l 1.0 0.31 1 Ethylbenzene ND ug/l 1.0 0.28	Dibromochloromethane	ND		ug/l	1.0	0.27	1
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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 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 5.0 1.2 1	2-Chloroethylvinyl ether	ND		ug/l	10	0.35	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 0.22 1 Benzene ND ug/l 1.0 0.38 1 Toluene ND ug/l 1.0 0.38 1 Ethylbenzene ND ug/l 1.0 0.28 1 Chloromethane ND ug/l 5.0 1.2 1 Vinyl chloride ND ug/l 5.0 1.2 1 <td>Tetrachloroethene</td> <td>ND</td> <td></td> <td>ug/l</td> <td>1.0</td> <td>0.26</td> <td>1</td>	Tetrachloroethene	ND		ug/l	1.0	0.26	1
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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 1.0 0.37 1 1,1-Dichloroethene ND ug/l 1.0 0.31 1	Trichlorofluoromethane	ND		ug/l	5.0	0.28	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	1,2-Dichloroethane	ND		ug/l	1.5	0.47	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	1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	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 1.0 0.38 1 1,1-Dichloroethene ND ug/l 1.0 0.37 1 trans-1,2-Dichloroethene ND ug/l 1.5 0.33 1	Bromodichloromethane	ND		ug/l	1.0	0.28	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	trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	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-1,3-Dichloropropene	ND		ug/l	1.5	0.34	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	Bromoform	ND		ug/l	1.0	0.22	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	1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	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	Benzene	ND		ug/l	1.0	0.38	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	Toluene	ND		ug/l	1.0	0.31	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	Ethylbenzene	ND		ug/l	1.0	0.28	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	Chloromethane	ND		ug/l	5.0	1.0	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	Bromomethane	ND		ug/l	5.0	1.2	1
1,1-Dichloroethene ND ug/l 1.0 0.31 1 trans-1,2-Dichloroethene ND ug/l 1.5 0.33 1	Vinyl chloride	ND		ug/l	1.0	0.38	1
trans-1,2-Dichloroethene ND ug/l 1.5 0.33 1	Chloroethane	ND		ug/l	2.0	0.37	1
	1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
ris 4.0 Pith breathers	trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dicnioroetnene ND ug/l 1.0 0.17 1	cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1



12/31/21

Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168577

Project Number: 1128-2021-SW

L2168577-01

SAMPLE RESULTS

Date Collected: 12/13/21 15:20

Report Date:

Client ID: SW-1 Date Received: 12/14/21

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

Sample Depth:

Lab ID:

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	Acceptance Qualifier Criteria	
Pentafluorobenzene	96	60-140	
Fluorobenzene	103	60-140	
4-Bromofluorobenzene	95	60-140	



L2168577

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-SW

SAMPLE RESULTS

Report Date: 12/31/21

Lab Number:

Lab ID: L2168577-02 Date Collected: 12/13/21 15:10

Client ID: Date Received: 12/14/21 SW-2 Field Prep: Sample Location: FISHER RD., EAST SYRACUSE Not Specified

Sample Depth:

Matrix: Water Analytical Method: 128,624.1 Analytical Date: 12/15/21 10:42

Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Volatile Organics by GC/MS - West	borough 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	



12/31/21

Project Name: Lab Number: T. DEWITT LANDFILL MONITORING L2168577

Project Number: 1128-2021-SW

SAMPLE RESULTS

Date Collected: 12/13/21 15:10

Report Date:

L2168577-02 Client ID: Date Received: 12/14/21 SW-2

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

Sample Depth:

Lab ID:

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	2.7	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	ND		ug/l	1.0	0.23	1

Surrogate	% Recovery	Acceptance Qualifier Criteria	
Pentafluorobenzene	97	60-140	
Fluorobenzene	103	60-140	
4-Bromofluorobenzene	98	60-140	



L2168577

12/31/21

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-SW

SAMPLE RESULTS

Date Collected: 12/13/21 15:45

Lab Number:

Report Date:

Lab ID: L2168577-03 Client ID: Date Received: 12/14/21 SW-3

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

Sample Depth:

Matrix: Water Analytical Method: 128,624.1 Analytical Date: 12/15/21 11:11

Analyst: NLK

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 Carbon tetrachloride ND ug/l 1.0 0.24 1 Dibromochloromethane ND ug/l 1.5 0.46 1 1,1,2-Trichloroethane ND ug/l 1.5 0.34 1 2-Chloroethylvinyl ether ND ug/l 1.0 0.25 1 1-Chloroethane ND ug/l 1.0 0.26 1 1-Chloroethane ND ug/l 1.0 0.26 1 1,1,1-Trichloroethane ND ug/l 2.0 0.29 1 1,2-Dichloropropene ND ug/l 1.5 0.31 1 1,1-1,1-Trichloroethane	Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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 1,0 0,24 1 Dibromochloromethane ND ug/l 1,5 0,34 1 1,1,2-Trichlorosthane ND ug/l 1,5 0,34 1 2-Chloroethylvinyl ether ND ug/l 1,0 0,26 1 Tetrachloroethane ND ug/l 1,0 0,26 1 Chlorobenzene ND ug/l 1,0 0,26 1 Trichlorofluoromethane ND ug/l 5,0 0,28 1 Trichlorofluoromethane ND ug/l 1,5 0,47 1 Bromodichloromethane ND ug/l 1,0 0,28 1 Bromodichloromethane ND ug/l 1,5 0,34	Volatile Organics by GC/MS - Westbo	rough Lab					
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 1.0 0.24 1 Dibromochloromethane ND ug/l 1.0 0.27 1 1,1,2-Trichloroethane ND ug/l 1.5 0.34 1 2-Chloroethylwinyl ether ND ug/l 1.0 0.26 1 2-Chloroethylwinyl ether ND ug/l 1.0 0.26 1 Chlorobenzene ND ug/l 1.0 0.26 1 Chloroethane ND ug/l 5.0 0.28 1 1,1-1-Trichloroethane ND ug/l 1.5 0.47 1 1,1-1-Trichloroethane ND ug/l 1.5 0.47 1 Bromochloromethane ND ug/l 1.5 0.31 1 Bromochloromethane ND ug/l 1.5 0.31	Methylene chloride	ND		ug/l	1.0	0.56	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-Trichlorosthane ND ug/l 1.5 0.34 1 2-Chlorosthylvinyl ether ND ug/l 1.0 0.26 1 Tetrachlorosthane ND ug/l 1.0 0.26 1 Chlorobenzene ND ug/l 1.0 0.26 1 Chlorobenzene ND ug/l 1.0 0.26 1 Chlorobenzene ND ug/l 1.5 0.30 1 Trichlorofluoromethane ND ug/l 1.5 0.47 1 1,1-1,1-Trichloroethane ND ug/l 1.0 0.28 1 Bromodichloromethane ND ug/l 1.5 0.31 1 trans-1,3-Dichloropropene ND ug/l 1.0	1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
1,2-Dichloropropane ND	Chloroform	ND		ug/l	1.0	0.38	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 1.5 0.47 1 1,1,1-Trichloroethane ND ug/l 1.0 0.28 1 Bromodichloromethane ND ug/l 1.0 0.28 1 trans-1,3-Dichloropropene ND ug/l 1.5 0.31 1 tis-1,3-Dichloropropene ND ug/l 1.0 0.22 1 1,1,2,2-Tetrachloroethane ND ug/l 1.	Carbon tetrachloride	ND		ug/l	1.0	0.24	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 1,1,1-Trichloroethane ND ug/l 1,5 0,47 1 1,1,1-Trichloroethane ND ug/l 1,5 0,47 1 Bromodichloromethane ND ug/l 1,0 0,28 1 Bromodichloromethane ND ug/l 1,0 0,28 1 Itrans-1,3-Dichloropropene ND ug/l 1,5 0,31 1 isi-1,3-Dichloropropene ND ug/l 1,0 0,22 1 Bromoform ND ug/l 1,0 0,22 1 1,1,2,2-Tetrachloroethane ND ug/l 1,0	1,2-Dichloropropane	ND		ug/l	3.5	0.46	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 0.38 1 Toluene ND ug/l 1.0 0.31 1 Ethylbenzene ND ug/l 1.0 0.28	Dibromochloromethane	ND		ug/l	1.0	0.27	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 1.5 0.34 1 Bromoform ND ug/l 1.0 0.22 1 1,1,2,2-Tetrachloroethane ND ug/l 1.0 0.38 1 Toluene ND ug/l 1.0 0.38 1 Ethylbenzene ND ug/l 5.0 1.0 1	1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	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 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 5.0 1.2 1	2-Chloroethylvinyl ether	ND		ug/l	10	0.35	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 0.22 1 Benzene ND ug/l 1.0 0.38 1 Toluene ND ug/l 1.0 0.38 1 Ethylbenzene ND ug/l 1.0 0.28 1 Chloromethane ND ug/l 5.0 1.2 1 Vinyl chloride ND ug/l 5.0 1.2 1 <td>Tetrachloroethene</td> <td>ND</td> <td></td> <td>ug/l</td> <td>1.0</td> <td>0.26</td> <td>1</td>	Tetrachloroethene	ND		ug/l	1.0	0.26	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 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 5.0 1.0 1 Chloromethane ND ug/l 5.0 1.2 1 Vinyl chloride ND ug/l 1.0 0.38 1	Chlorobenzene	ND		ug/l	3.5	0.30	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 1.0 0.37 1 1,1-Dichloroethene ND ug/l 1.0 0.31 1	Trichlorofluoromethane	ND		ug/l	5.0	0.28	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	1,2-Dichloroethane	ND		ug/l	1.5	0.47	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	1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	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 1.0 0.38 1 1,1-Dichloroethene ND ug/l 1.0 0.37 1 trans-1,2-Dichloroethene ND ug/l 1.5 0.33 1	Bromodichloromethane	ND		ug/l	1.0	0.28	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	trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	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-1,3-Dichloropropene	ND		ug/l	1.5	0.34	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	Bromoform	ND		ug/l	1.0	0.22	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	1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	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	Benzene	ND		ug/l	1.0	0.38	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	Toluene	ND		ug/l	1.0	0.31	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	Ethylbenzene	ND		ug/l	1.0	0.28	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	Chloromethane	ND		ug/l	5.0	1.0	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	Bromomethane	ND		ug/l	5.0	1.2	1
1,1-Dichloroethene ND ug/l 1.0 0.31 1 trans-1,2-Dichloroethene ND ug/l 1.5 0.33 1	Vinyl chloride	ND		ug/l	1.0	0.38	1
trans-1,2-Dichloroethene ND ug/l 1.5 0.33 1	Chloroethane	ND		ug/l	2.0	0.37	1
	1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
ris 4.0 Pith breathers	trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dicnioroetnene ND ug/l 1.0 0.17 1	cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1



12/31/21

Report Date:

Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168577

Project Number: 1128-2021-SW

SAMPLE RESULTS

Lab ID: L2168577-03 Date Collected: 12/13/21 15:45

Client ID: SW-3 Date Received: 12/14/21 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 - Westboro	ugh 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	8.0	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	ND		ug/l	1.0	0.23	1	

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
Pentafluorobenzene	96		60-140	
Fluorobenzene	103		60-140	
4-Bromofluorobenzene	100		60-140	



L2168577

12/31/21

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-SW

SAMPLE RESULTS

Date Collected: 12/13/21 00:00

Lab Number:

Report Date:

Lab ID: L2168577-04 Client ID: TRIP BLANK

Sample Location: FISHER RD., EAST SYRACUSE Date Received: 12/14/21 Field Prep: Not Specified

Sample Depth:

Matrix: Water Analytical Method: 128,624.1 Analytical Date: 12/15/21 07:44

Analyst: NLK

Wolatile Organics by GC/MS - Westborough Lab 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 1.0 0.27 1,1,2-Trichloroethane ND ug/l 1.5 0.34 2-Chloroethydivinyl ether ND ug/l 1.0 0.27 Tetrachloroethene ND ug/l 1.0 0.26 Chlorobenzene ND ug/l 1.0 0.26 Chloroffluoromethane ND ug/l 5.0 0.30 Trichloroffluoromethane ND ug/l 1.5 0.47 1,1,1-Trichloroethane ND ug/l 1.5 0.47 1,1,1-Trichloroethane ND ug/l 1.5 0.47 1,1,1-Trichloroethane ND ug/l 1.5 0.31 <th>ition Factor</th>	ition Factor
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 1.0 0.24 1,2-Dichloropropane ND ug/l 1.0 0.27 1,1,2-Trichloroethane ND ug/l 1.5 0.34 2-Chloroethylvinyl ether ND ug/l 1.0 0.25 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 1.5 0.31 cis-1,3-Dichloropropene ND ug/l 1.5 0.31 cis-1,3-Dichloropropene ND ug/l 1.0 0.22 Bromoform ND	
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-Chloroethane ND ug/l 1.0 0.25 Tetrachloroethane 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 1.5 0.31 cis-1,3-Dichloropropene ND ug/l 1.5 0.31 cis-1,3-Dichloropropene ND ug/l 1.0 0.22 Benzene ND ug/l	1
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 1.0 0.25 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 1.0 0.28 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 1.0 0.22 1,1,2,2-Tetrachloroethane ND ug/l 1.0 0.22 1,1,2,2-Tetrachloroethane </td <td>1</td>	1
1,2-Dichloropropane ND	1
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 1.0 0.28 Bromodichloromethane 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
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 1.0 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 0.38 Toluene ND ug/l 1.0 0.38 Toluene ND ug/l 1.0 0.28 Chloromethane ND ug/l	1
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 1.0 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 0.38 Toluene ND ug/l 1.0 0.31 Ethylbenzene ND ug/l 1.0 0.28 Chloromethane ND ug/l 1.0 0.28	1
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	1
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 0.38 Toluene ND ug/l 1.0 0.31 Ethylbenzene ND ug/l 1.0 0.28 Chloromethane ND ug/l 5.0 1.0	1
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 0.30 Benzene ND ug/l 1.0 0.31 Toluene ND ug/l 1.0 0.28 Chloromethane ND ug/l 1.0 0.28	1
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	1
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	1
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	1
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 1.0 0.28	1
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	1
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	1
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	1
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	1
Toluene ND ug/l 1.0 0.31 Ethylbenzene ND ug/l 1.0 0.28 Chloromethane ND ug/l 5.0 1.0	1
Ethylbenzene ND ug/l 1.0 0.28 Chloromethane ND ug/l 5.0 1.0	1
Chloromethane ND ug/l 5.0 1.0	1
	1
ND " TO 10	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



12/31/21

Project Name: Lab Number: T. DEWITT LANDFILL MONITORING L2168577

Project Number: 1128-2021-SW

SAMPLE RESULTS

Date Collected: 12/13/21 00:00

Report Date:

Lab ID: L2168577-04 Client ID: Date Received: 12/14/21 TRIP BLANK

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Volatile Organics by GC/MS - West	borough 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	101		60-140	
4-Bromofluorobenzene	98		60-140	



Project Name: T. DEWITT LANDFILL MONITORING **Lab Number:** L2168577

Project Number: 1128-2021-SW Report Date: 12/31/21

Method Blank Analysis Batch Quality Control

Analytical Method: 128,624.1 Analytical Date: 12/15/21 06:15

Analyst: NLK

arameter	Result	Qualifier Units	RL	MDL
olatile Organics by GC/MS	· Westborough Lab	for sample(s):	01-04 Batch:	WG1584120-4
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. DEWITT LANDFILL MONITORING **Lab Number:** L2168577

Project Number: 1128-2021-SW Report Date: 12/31/21

Method Blank Analysis Batch Quality Control

Analytical Method: 128,624.1 Analytical Date: 12/15/21 06:15

Analyst: NLK

Parameter	Result	Qualifier Units	s RL	MDL	
Volatile Organics by GC/MS - V	Vestborough Lab	for sample(s):	01-04 Batch:	WG1584120-4	
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	

		Acceptance	
Surrogate	%Recovery	Qualifier Criteria	
Pentafluorobenzene	100	60-140	
Fluorobenzene	103	60-140	
4-Bromofluorobenzene	100	60-140	



Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-SW

Lab Number: L2168577

arameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
olatile Organics by GC/MS - Westborough I	_ab Associated	sample(s): 01	I-04 Batch: W	/G1584120-	3			
Methylene chloride	90		-		60-140	-		28
1,1-Dichloroethane	95		-		50-150	-		49
Chloroform	95		-		70-135	-		54
Carbon tetrachloride	90		-		70-130	-		41
1,2-Dichloropropane	100		-		35-165	-		55
Dibromochloromethane	80		-		70-135	-		50
1,1,2-Trichloroethane	85		-		70-130	-		45
2-Chloroethylvinyl ether	110		-		1-225	-		71
Tetrachloroethene	85		-		70-130	-		39
Chlorobenzene	85		-		65-135	-		53
Trichlorofluoromethane	95		-		50-150	-		84
1,2-Dichloroethane	100		-		70-130	-		49
1,1,1-Trichloroethane	95		-		70-130	-		36
Bromodichloromethane	90		-		65-135	-		56
trans-1,3-Dichloropropene	80		-		50-150	-		86
cis-1,3-Dichloropropene	90		-		25-175	-		58
Bromoform	75		-		70-130	-		42
1,1,2,2-Tetrachloroethane	85		-		60-140	-		61
Benzene	95		-		65-135	-		61
Toluene	90		-		70-130	-		41
Ethylbenzene	95		-		60-140	-		63
Chloromethane	105		-		1-205	-		60
Bromomethane	95		-		15-185	-		61



Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-SW

Lab Number: L2168577

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	
Volatile Organics by GC/MS - Westborough L	ab Associated	sample(s):	01-04 Batch: W	G1584120-	3				
Vinyl chloride	90		-		5-195	-		66	
Chloroethane	90		-		40-160	-		78	
1,1-Dichloroethene	95		-		50-150	-		32	
trans-1,2-Dichloroethene	95		-		70-130	-		45	
cis-1,2-Dichloroethene	100		-		60-140	-		30	
Trichloroethene	90		-		65-135	-		48	
1,2-Dichlorobenzene	90		-		65-135	-		57	
1,3-Dichlorobenzene	90		-		70-130	-		43	
1,4-Dichlorobenzene	90		-		65-135	-		57	
p/m-Xylene	90		-		60-140	-		30	
o-xylene	85		-		60-140	-		30	
Styrene	85		-		60-140	-		30	
Acetone	108		-		40-160	-		30	
Carbon disulfide	90		-		60-140	-		30	
2-Butanone	100		-		60-140	-		30	
Vinyl acetate	80		-		60-140	-		30	
4-Methyl-2-pentanone	88		-		60-140	-		30	
2-Hexanone	90		-		60-140	-		30	
Acrolein	120		-		60-140	-		30	
Acrylonitrile	92		-		60-140	-		60	
Dibromomethane	95		-		70-130	-		30	



T. DEWITT LANDFILL MONITORING

Lab Number: L2168577

Project Number: 1128-2021-SW

Project Name:

Report Date:

12/31/21

	LCS		LCSD		%Recovery			RPD
Parameter	%Recovery	Qual	%Recovery	Qual	Limits	RPD	Qual	Limits

Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1584120-3

Surrogate	LCS %Recovery Qual	LCSD %Recovery	Qual	Acceptance Criteria
Pentafluorobenzene	103			60-140
Fluorobenzene	105			60-140
4-Bromofluorobenzene	100			60-140



METALS



12/13/21 15:20

Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168577

Project Number: 1128-2021-SW **Report Date:** 12/31/21

SAMPLE RESULTS

Lab ID: L2168577-01 Date Collected:

Client ID: SW-1 Date Received: 12/14/21 Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mans	field Lab										
Antimony, Total	ND		mg/l	0.050	0.007	1	12/23/21 09:47	12/30/21 12:21	EPA 3005A	19,200.7	JC
Arsenic, Total	0.003	J	mg/l	0.005	0.002	1	12/23/21 09:47	12/30/21 12:21	EPA 3005A	19,200.7	JC
Beryllium, Total	ND		mg/l	0.005	0.001	1	12/23/21 09:47	12/30/21 12:21	EPA 3005A	19,200.7	JC
Cadmium, Total	ND		mg/l	0.005	0.001	1	12/23/21 09:47	12/30/21 12:21	EPA 3005A	19,200.7	JC
Chromium, Total	ND		mg/l	0.010	0.002	1	12/23/21 09:47	12/30/21 12:21	EPA 3005A	19,200.7	JC
Copper, Total	ND		mg/l	0.010	0.002	1	12/23/21 09:47	12/30/21 12:21	EPA 3005A	19,200.7	JC
Lead, Total	0.004	J	mg/l	0.010	0.003	1	12/23/21 09:47	12/30/21 12:21	EPA 3005A	19,200.7	JC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/23/21 09:50	12/24/21 09:44	EPA 245.1	3,245.1	AC
Nickel, Total	ND		mg/l	0.025	0.002	1	12/23/21 09:47	12/30/21 12:21	EPA 3005A	19,200.7	JC
Selenium, Total	ND		mg/l	0.010	0.004	1	12/23/21 09:47	12/30/21 12:21	EPA 3005A	19,200.7	JC
Silver, Total	ND		mg/l	0.007	0.003	1	12/23/21 09:47	12/30/21 12:21	EPA 3005A	19,200.7	JC
Thallium, Total	ND		mg/l	0.020	0.003	1	12/23/21 09:47	12/30/21 12:21	EPA 3005A	19,200.7	JC
Zinc, Total	0.019	J	mg/l	0.050	0.002	1	12/23/21 09:47	12/30/21 12:21	EPA 3005A	19,200.7	JC



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168577

Project Number: 1128-2021-SW **Report Date:** 12/31/21

SAMPLE RESULTS

Lab ID: L2168577-02 Date Collected: 12/13/21 15:10

Client ID: SW-2 Date Received: 12/14/21

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mans	field Lab										
Antimony, Total	ND		mg/l	0.500	0.071	1	12/23/21 09:47	12/30/21 13:18	EPA 3005A	19,200.7	JC
Arsenic, Total	0.123		mg/l	0.050	0.019	1	12/23/21 09:47	12/30/21 13:18	EPA 3005A	19,200.7	JC
Beryllium, Total	ND		mg/l	0.050	0.009	1	12/23/21 09:47	12/30/21 13:18	EPA 3005A	19,200.7	JC
Cadmium, Total	0.011	J	mg/l	0.050	0.010	1	12/23/21 09:47	12/30/21 13:18	EPA 3005A	19,200.7	JC
Chromium, Total	ND		mg/l	0.100	0.021	1	12/23/21 09:47	12/30/21 13:18	EPA 3005A	19,200.7	JC
Copper, Total	0.037	J	mg/l	0.100	0.022	1	12/23/21 09:47	12/30/21 13:18	EPA 3005A	19,200.7	JC
Lead, Total	0.048	J	mg/l	0.100	0.027	1	12/23/21 09:47	12/30/21 13:18	EPA 3005A	19,200.7	JC
Mercury, Total	ND		mg/l	0.00100	0.00045	1	12/23/21 09:50	12/24/21 09:47	EPA 245.1	3,245.1	AC
Nickel, Total	0.032	J	mg/l	0.250	0.024	1	12/23/21 09:47	12/30/21 13:18	EPA 3005A	19,200.7	JC
Selenium, Total	ND		mg/l	0.100	0.035	1	12/23/21 09:47	12/30/21 13:18	EPA 3005A	19,200.7	JC
Silver, Total	ND		mg/l	0.070	0.028	1	12/23/21 09:47	12/30/21 13:18	EPA 3005A	19,200.7	JC
Thallium, Total	ND		mg/l	0.200	0.025	1	12/23/21 09:47	12/30/21 13:18	EPA 3005A	19,200.7	JC
Zinc, Total	0.306	J	mg/l	0.500	0.021	1	12/23/21 09:47	12/30/21 13:18	EPA 3005A	19,200.7	JC



Project Name: Lab Number: T. DEWITT LANDFILL MONITORING L2168577

Project Number: Report Date: 1128-2021-SW 12/31/21

SAMPLE RESULTS

Lab ID: L2168577-03

Date Collected: 12/13/21 15:45 Client ID: SW-3 Date Received: 12/14/21

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mans	field Lab										
Antimony, Total	ND		mg/l	0.500	0.071	1	12/23/21 09:47	12/30/21 12:15	EPA 3005A	19,200.7	JC
Arsenic, Total	0.293		mg/l	0.050	0.019	1	12/23/21 09:47	12/30/21 12:15	EPA 3005A	19,200.7	JC
Beryllium, Total	ND		mg/l	0.050	0.009	1	12/23/21 09:47	12/30/21 12:15	EPA 3005A	19,200.7	JC
Cadmium, Total	0.066		mg/l	0.050	0.010	1	12/23/21 09:47	12/30/21 12:15	EPA 3005A	19,200.7	JC
Chromium, Total	ND		mg/l	0.100	0.021	1	12/23/21 09:47	12/30/21 12:15	EPA 3005A	19,200.7	JC
Copper, Total	0.157		mg/l	0.100	0.022	1	12/23/21 09:47	12/30/21 12:15	EPA 3005A	19,200.7	JC
Lead, Total	0.116		mg/l	0.100	0.027	1	12/23/21 09:47	12/30/21 12:15	EPA 3005A	19,200.7	JC
Mercury, Total	0.00052	J	mg/l	0.00100	0.00045	5 1	12/23/21 09:50	12/24/21 09:51	EPA 245.1	3,245.1	AC
Nickel, Total	ND		mg/l	0.250	0.024	1	12/23/21 09:47	12/30/21 12:15	EPA 3005A	19,200.7	JC
Selenium, Total	ND		mg/l	0.100	0.035	1	12/23/21 09:47	12/30/21 12:15	EPA 3005A	19,200.7	JC
Silver, Total	ND		mg/l	0.070	0.028	1	12/23/21 09:47	12/30/21 12:15	EPA 3005A	19,200.7	JC
Thallium, Total	ND		mg/l	0.200	0.025	1	12/23/21 09:47	12/30/21 12:15	EPA 3005A	19,200.7	JC
Zinc, Total	0.736		mg/l	0.500	0.021	1	12/23/21 09:47	12/30/21 12:15	EPA 3005A	19,200.7	JC



Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-SW

Lab Number:

L2168577

Report Date: 12/31/21

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfie	eld Lab for sample(s):	01-03 E	Batch: W	G15861	44-1				
Antimony, Total	ND	mg/l	0.050	0.007	1	12/23/21 09:47	12/30/21 12:54	19,200.7	JC
Arsenic, Total	ND	mg/l	0.005	0.002	1	12/23/21 09:47	12/30/21 12:54	19,200.7	JC
Beryllium, Total	ND	mg/l	0.005	0.001	1	12/23/21 09:47	12/30/21 12:54	19,200.7	JC
Cadmium, Total	ND	mg/l	0.005	0.001	1	12/23/21 09:47	12/30/21 12:54	19,200.7	JC
Chromium, Total	ND	mg/l	0.010	0.002	1	12/23/21 09:47	12/30/21 12:54	19,200.7	JC
Copper, Total	ND	mg/l	0.010	0.002	1	12/23/21 09:47	12/30/21 12:54	19,200.7	JC
Lead, Total	ND	mg/l	0.010	0.003	1	12/23/21 09:47	12/30/21 12:54	19,200.7	JC
Nickel, Total	ND	mg/l	0.025	0.002	1	12/23/21 09:47	12/30/21 12:54	19,200.7	JC
Selenium, Total	ND	mg/l	0.010	0.004	1	12/23/21 09:47	12/30/21 12:54	19,200.7	JC
Silver, Total	ND	mg/l	0.007	0.003	1	12/23/21 09:47	12/30/21 12:54	19,200.7	JC
Thallium, Total	ND	mg/l	0.020	0.003	1	12/23/21 09:47	12/30/21 12:54	19,200.7	JC
Zinc, Total	ND	mg/l	0.050	0.002	1	12/23/21 09:47	12/30/21 12:54	19,200.7	JC

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	
Total Metals - Man	sfield Lab for sample(s):	01-03	Batch: W	G15861	45-1				
Mercury, Total	ND	mg/l	0.00020	0.00009) 1	12/23/21 09:50	12/24/21 09:1	1 3,245.1	AC

Prep Information

Digestion Method: EPA 245.1



Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-SW

Lab Number: L2168577

arameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
otal Metals - Mansfield Lab Associated san	nple(s): 01-03 Bate	ch: WG15	36144-2					
Antimony, Total	101		-		85-115	-		
Arsenic, Total	111		-		85-115	-		
Beryllium, Total	106		-		85-115	-		
Cadmium, Total	102		-		85-115	-		
Chromium, Total	102		-		85-115	-		
Copper, Total	104		-		85-115	-		
Lead, Total	100		-		85-115	-		
Nickel, Total	99		-		85-115	-		
Selenium, Total	110		-		85-115	-		
Silver, Total	103		-		85-115	-		
Thallium, Total	103		-		85-115	-		
Zinc, Total	101		-		85-115	-		
otal Metals - Mansfield Lab Associated san	nple(s): 01-03 Bat	ch: WG15	36145-2					
Mercury, Total	94		-		85-115	-		

Matrix Spike Analysis Batch Quality Control

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-SW

Lab Number: L2168577

Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery Qu	Recovery al Limits	RPD Qu	RPD al Limits
Associated san	nple(s): 01-03	QC Bat	ch ID: WG1586	6144-3	QC Sam	ple: L2168577-01	Client ID: SV	V-1	
ND	0.5	0.524	105		-	-	75-125	-	20
0.003J	0.12	0.138	115		-	-	75-125	-	20
ND	0.05	0.051	102		-	-	75-125	-	20
ND	0.053	0.055	103		-	-	75-125	-	20
ND	0.2	0.203	102		-	-	75-125	-	20
ND	0.25	0.272	109		-	-	75-125	-	20
0.004J	0.53	0.538	102		-	-	75-125	-	20
ND	0.5	0.499	100		-	-	75-125	-	20
ND	0.12	0.135	112		-	-	75-125	-	20
ND	0.05	0.054	107		-	-	75-125	-	20
ND	0.12	0.122	102		-	-	75-125	-	20
0.019J	0.5	0.526	105		-	-	75-125	-	20
	Sample Associated san ND 0.003J ND ND ND ND ND ND ND ND ND N	Sample Added Associated sample(s): 01-03 ND 0.5 0.003J 0.12 ND 0.053 ND 0.2 ND 0.25 0.004J 0.53 ND 0.5 ND 0.12 ND 0.05 ND 0.12 ND 0.12	Sample Added Found Associated sample(s): 01-03 QC Bate ND 0.5 0.524 0.003J 0.12 0.138 ND 0.05 0.051 ND 0.053 0.055 ND 0.2 0.203 ND 0.25 0.272 0.004J 0.53 0.538 ND 0.5 0.499 ND 0.12 0.135 ND 0.05 0.054 ND 0.12 0.122	Sample Added Found %Recovery Associated sample(s): 01-03 QC Batch ID: WG1586 ND 0.5 0.524 105 0.003J 0.12 0.138 115 ND 0.05 0.051 102 ND 0.053 0.055 103 ND 0.2 0.203 102 ND 0.25 0.272 109 0.004J 0.53 0.538 102 ND 0.5 0.499 100 ND 0.12 0.135 112 ND 0.05 0.054 107 ND 0.12 0.122 102	Sample Added Found %Recovery Qual Associated sample(s): 01-03 QC Batch ID: WG1586144-3 ND 0.5 0.524 105 0.003J 0.12 0.138 115 ND 0.05 0.051 102 ND 0.053 0.055 103 ND 0.2 0.203 102 ND 0.25 0.272 109 0.004J 0.53 0.538 102 ND 0.12 0.135 112 ND 0.05 0.0499 100 ND 0.05 0.054 107 ND 0.12 0.122 102	Sample Added Found %Recovery Qual Found Associated sample(s): 01-03 QC Batch ID: WG1586144-3 QC Same Associated Sample(s): 01-03 QC Same Associated Sample(s): 01-04 QC Sample(s): 01-	Sample Added Found %Recovery Qual Found %Recovery Qual Associated sample(s): 01-03 QC Batch ID: WG1586144-3 QC Sample: L2168577-01 ND 0.5 0.524 105 - - - 0.003J 0.12 0.138 115 - - - ND 0.05 0.051 102 - - - ND 0.053 0.055 103 - - - ND 0.2 0.203 102 - - - ND 0.25 0.272 109 - - - ND 0.53 0.538 102 - - - ND 0.5 0.499 100 - - - ND 0.12 0.135 112 - - - ND 0.05 0.054 107 - - - ND 0.12 0.1	Sample Added Found %Recovery Qual Found %Recovery Qual Limits Associated sample(s): 01-03 QC Batch ID: WG1586144-3 QC Sample: L2168577-01 Client ID: SW ND 0.5 0.524 105 - - - 75-125 0.003J 0.12 0.138 115 - - - 75-125 ND 0.05 0.051 102 - - - 75-125 ND 0.053 0.055 103 - - - 75-125 ND 0.2 0.203 102 - - - 75-125 ND 0.25 0.272 109 - - - 75-125 ND 0.53 0.538 102 - - - 75-125 ND 0.5 0.499 100 - - - 75-125 ND 0.05 0.054 107 - - <t< td=""><td>Sample Added Found %Recovery Qual Found %Recovery Qual Limits RPD Qual Associated sample(s): 01-03 QC Batch ID: WG1586144-3 QC Sample: L2168577-01 Client ID: SW-1 - - 75-125 - - ND 0.5 0.524 105 - - - 75-125 - - ND 0.033 0.012 0.138 115 - - - 75-125 - - ND 0.05 0.051 102 - - - 75-125 - - ND 0.053 0.055 103 - - - 75-125 - - - 75-125 - - - 75-125 - - - 75-125 - - - 75-125 - - - 75-125 - - - 75-125 - - - 75-125 - - <td< td=""></td<></td></t<>	Sample Added Found %Recovery Qual Found %Recovery Qual Limits RPD Qual Associated sample(s): 01-03 QC Batch ID: WG1586144-3 QC Sample: L2168577-01 Client ID: SW-1 - - 75-125 - - ND 0.5 0.524 105 - - - 75-125 - - ND 0.033 0.012 0.138 115 - - - 75-125 - - ND 0.05 0.051 102 - - - 75-125 - - ND 0.053 0.055 103 - - - 75-125 - - - 75-125 - - - 75-125 - - - 75-125 - - - 75-125 - - - 75-125 - - - 75-125 - - - 75-125 - - <td< td=""></td<>

Matrix Spike Analysis Batch Quality Control

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-SW

Lab Number: L2168577

arameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits	
otal Metals - Mansfield La	ab Associated san	nple(s): 01-03	QC Bate	ch ID: WG1586144-7	QC Sam	ple: L2168577-02	Client ID: S\	Client ID: SW-2		
Antimony, Total	ND	5	4.77	95	-	-	75-125	-	20	
Arsenic, Total	0.123	1.2	1.46	111	-	-	75-125	-	20	
Beryllium, Total	ND	0.5	0.521	104	-	-	75-125	-	20	
Cadmium, Total	0.011J	0.53	0.560	106	-	-	75-125	-	20	
Chromium, Total	ND	2	2.05	102	-	-	75-125	-	20	
Copper, Total	0.037J	2.5	2.71	108	-	-	75-125	-	20	
Lead, Total	0.048J	5.3	5.45	103	-	-	75-125	-	20	
Nickel, Total	0.032J	5	5.07	101	-	-	75-125	-	20	
Selenium, Total	ND	1.2	1.21	101	-	-	75-125	-	20	
Silver, Total	ND	0.5	0.534	107	-	-	75-125	-	20	
Thallium, Total	ND	1.2	1.25	104	-	-	75-125	-	20	
Zinc, Total	0.306J	5	5.40	108	-	-	75-125	-	20	
otal Metals - Mansfield La	ab Associated san	nple(s): 01-03	QC Bato	ch ID: WG1586145-3	3 QC Sam	ple: L2168581-01	Client ID: M	S Sample		
Mercury, Total	ND	0.005	0.00466	93	-	-	70-130	-	20	
otal Metals - Mansfield La	ab Associated san	nple(s): 01-03	QC Bato	ch ID: WG1586145-	QC Sam	ple: L2168581-02	Client ID: M	S Sample		
Mercury, Total	ND	0.025	0.02314	92	-	-	70-130	-	20	



Lab Duplicate Analysis Batch Quality Control

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-SW

Lab Number:

L2168577

Report Date:

12/31/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
otal Metals - Mansfield Lab Associated sample(s):	01-03 QC Batch ID: 1	WG1586144-4 QC Sample:	L2168577-01	Client ID:	SW-1	
Antimony, Total	ND	ND	mg/l	NC		20
Arsenic, Total	0.003J	0.002J	mg/l	NC		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	ND	ND	mg/l	NC		20
Chromium, Total	ND	ND	mg/l	NC		20
Copper, Total	ND	ND	mg/l	NC		20
Lead, Total	0.004J	0.003J	mg/l	NC		20
Nickel, Total	ND	ND	mg/l	NC		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	0.019J	0.020J	mg/l	NC		20

Lab Duplicate Analysis Batch Quality Control

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-SW

Lab Number:

L2168577

Report Date:

12/31/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-0	O3 QC Batch ID:	WG1586144-8 QC Sample:	L2168577-02	Client ID:	SW-2
Antimony, Total	ND	ND	mg/l	NC	20
Arsenic, Total	0.123	0.120	mg/l	2	20
Beryllium, Total	ND	ND	mg/l	NC	20
Cadmium, Total	0.011J	0.011J	mg/l	NC	20
Chromium, Total	ND	ND	mg/l	NC	20
Copper, Total	0.037J	0.038J	mg/l	NC	20
Lead, Total	0.048J	0.045J	mg/l	NC	20
Nickel, Total	0.032J	0.036J	mg/l	NC	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	0.306J	0.302J	mg/l	NC	20
Fotal Metals - Mansfield Lab Associated sample(s): 01-0	03 QC Batch ID:	WG1586145-4 QC Sample:	L2168581-01	Client ID:	DUP Sample
Mercury, Total	ND	ND	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 01-0	O3 QC Batch ID:	WG1586145-6 QC Sample:	L2168581-02	Client ID:	DUP Sample
Mercury, Total	ND	ND	mg/l	NC	20



INORGANICS & MISCELLANEOUS



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168577

Project Number: 1128-2021-SW Report Date: 12/31/21

SAMPLE RESULTS

Lab ID: L2168577-01 Date Collected: 12/13/21 15:20

Client ID: SW-1 Date Received: 12/14/21
Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - W	estborough Lab									
Solids, Total Dissolved	500		mg/l	10	3.1	1	-	12/19/21 06:00	121,2540C	DW



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168577

Project Number: 1128-2021-SW Report Date: 12/31/21

SAMPLE RESULTS

Lab ID: L2168577-02 Date Collected: 12/13/21 15:10

Client ID: SW-2 Date Received: 12/14/21 Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - We	estborough Lab									
Solids, Total Dissolved	690		mg/l	20	6.1	2	-	12/19/21 06:00	121,2540C	DW



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168577

Project Number: 1128-2021-SW Report Date: 12/31/21

SAMPLE RESULTS

Lab ID: L2168577-03 Date Collected: 12/13/21 15:45

Client ID: SW-3 Date Received: 12/14/21 Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - \	Westborough Lab	1								
Solids, Total Dissolved	490		mg/l	20	6.1	2	-	12/19/21 06:00	121,2540C	DW



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168577

Project Number: 1128-2021-SW Report Date: 12/31/21

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - W	estborough Lab for sam	ple(s): 01	-03 Bat	tch: W0	G1585128-1				
Solids, Total Dissolved	ND	mg/l	10	3.1	1	-	12/19/21 06:00	121,2540C	DW



Project Name: T. DEWITT LANDFILL MONITORING

Lab Number: L2168577

Project Number: 1128-2021-SW

Parameter	LCS %Recovery Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab A	ssociated sample(s): 01-03	Batch: WG15851	28-2				
Solids, Total Dissolved	96	-		80-120	-		



Lab Duplicate Analysis

Batch Quality Control

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-SW

Lab Number:

L2168577

Report Date:

12/31/21

Parameter	Native Sam	ple D	uplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab	Associated sample(s): 01-03	QC Batch ID:	WG1585128-3	QC Sample:	L2168477-03	Client ID:	DUP Sample
Solids, Total Dissolved	1800		1900	mg/l	5		10



Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-SW

Lab Number: L2168577 Report Date: 12/31/21

Sample Receipt and Container Information

YES Were project specific reporting limits specified?

Cooler Information

Container Information

Custody Seal Cooler

С Absent

Container Information		rmation		Initial	Final	Temp			Frozen			
	Container ID	Container Type	Cooler	рH	pН	deg C	Pres	Seal	Date/Time	Analysis(*)		
	L2168577-01A	Vial Na2S2O3 preserved	С	NA		5.4	Υ	Absent		624.1(3)		
	L2168577-01B	Vial Na2S2O3 preserved	С	NA		5.4	Υ	Absent		624.1(3)		
	L2168577-01C	Vial Na2S2O3 preserved	С	NA		5.4	Υ	Absent		624.1(3)		
	L2168577-01D	Plastic 250ml unpreserved	С	7	7	5.4	Υ	Absent		TDS-2540(7)		
	L2168577-01E	Plastic 250ml HNO3 preserved	С	<2	<2	5.4	Υ	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),TL- UI(180),PB-UI(180)		
	L2168577-02A	Vial Na2S2O3 preserved	С	NA		5.4	Υ	Absent		624.1(3)		
	L2168577-02B	Vial Na2S2O3 preserved	С	NA		5.4	Υ	Absent		624.1(3)		
	L2168577-02C	Vial Na2S2O3 preserved	С	NA		5.4	Υ	Absent		624.1(3)		
	L2168577-02D	Plastic 250ml unpreserved	С	7	7	5.4	Υ	Absent		TDS-2540(7)		
	L2168577-02E	Plastic 250ml HNO3 preserved	С	<2	<2	5.4	Y	Absent		NI-UI(180),SB-UI(180),AG-UI(180),ZN- UI(180),SE-UI(180),HG-U(28),CD-UI(180),CR- UI(180),BE-UI(180),TL-UI(180),PB-UI(180),AS- UI(180),CU-UI(180)		
	L2168577-03A	Vial Na2S2O3 preserved	С	NA		5.4	Υ	Absent		624.1(3)		
	L2168577-03B	Vial Na2S2O3 preserved	С	NA		5.4	Υ	Absent		624.1(3)		
	L2168577-03C	Vial Na2S2O3 preserved	С	NA		5.4	Υ	Absent		624.1(3)		
	L2168577-03D	Plastic 250ml unpreserved	С	7	7	5.4	Υ	Absent		TDS-2540(7)		
	L2168577-03E	Plastic 250ml HNO3 preserved	С	5	<2	5.4	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),CU-UI(180),AS- UI(180),PB-UI(180),TL-UI(180)		
	L2168577-04A	Vial Na2S2O3 preserved	С	NA		5.4	Υ	Absent		624.1(3)		
	L2168577-04B	Vial Na2S2O3 preserved	С	NA		5.4	Υ	Absent		624.1(3)		



Project Name: T. DEWITT LANDFILL MONITORING

Lab Number: L2168577

Project Number: 1128-2021-SW Report Date: 12/31/21

Container Information Initial Final Temp Frozen

Container ID Container Type Cooler pH pH deg C Pres Seal Date/Time Analysis(*)

Container Comments

L2168577-02C Container received empty.



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168577

Project Number: 1128-2021-SW Report Date: 12/31/21

GLOSSARY

Acronyms

EDL

LOQ

MS

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.)

 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.)

 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.

 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. DEWITT LANDFILL MONITORING Lab Number: L2168577

Project Number: 1128-2021-SW Report Date: 12/31/21

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.

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'.

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.

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.)

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.
- 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).
- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- ${f E}$ 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.
- Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- 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.

Report Format: DU Report with 'J' Qualifiers



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168577

Project Number: 1128-2021-SW Report Date: 12/31/21

Data Qualifiers

- NJ Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P The RPD between the results for the two columns exceeds the method-specified criteria.
- Q -The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- **R** Analytical results are from sample re-analysis.
- **RE** Analytical results are from sample re-extraction.
- S Analytical results are from modified screening analysis.
- V The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168577

Project Number: 1128-2021-SW Report Date: 12/31/21

REFERENCES

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.



Alpha Analytical, Inc.
Facility: Company-wide

Department: Quality Assurance

Title: Certificate/Approval Program Summary

ID No.:17873

Revision 19

Published Date: 4/2/2021 1:14:23 PM Page 1 of 1

Certification Information

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

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: lodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene;

4-Ethyltoluene.

EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; EPA 353.2: Nitrate-N, Nitrite-N; SM4500NO3-F: Nitrate-N, Nitrite-N; SM4500F-C, SM4500CN-CE,

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; 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 II, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), EPA 600/4-81-045: PCB-Oil.

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

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

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

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

Document Type: Form Pre-Qualtrax Document ID: 08-113

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-03	3VV-3		4	13-13	SVV		^	X	1	-	+	1		- 3	
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ANALYTICAL REPORT

Lab Number: L2168581

Client: Town of Dewitt

5400 Butternut Drive

East Syracuse, NY 13057

ATTN: Kerri Fusco
Phone: (315) 446-3392

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Report Date: 12/31/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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



Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Lab Number: L2168581 **Report Date:** 12/31/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2168581-01	MW-1S	WATER	FISHER RD., EAST SYRACUSE	12/13/21 11:25	12/14/21
L2168581-02	MW-2S	WATER	FISHER RD., EAST SYRACUSE	12/13/21 11:20	12/14/21
L2168581-03	MW-2D	WATER	FISHER RD., EAST SYRACUSE	12/13/21 11:00	12/14/21
L2168581-04	MW-3S	WATER	FISHER RD., EAST SYRACUSE	12/13/21 13:30	12/14/21
L2168581-05	MW-4S	WATER	FISHER RD., EAST SYRACUSE	12/13/21 13:07	12/14/21
L2168581-06	MW-4D	WATER	FISHER RD., EAST SYRACUSE	12/13/21 13:15	12/14/21
L2168581-07	MW-6S	WATER	FISHER RD., EAST SYRACUSE	12/13/21 11:55	12/14/21
L2168581-08	NMW-7S	WATER	FISHER RD., EAST SYRACUSE	12/13/21 09:32	12/14/21
L2168581-09	MW-8S	WATER	FISHER RD., EAST SYRACUSE	12/13/21 15:35	12/14/21
L2168581-10	MW-8D	WATER	FISHER RD., EAST SYRACUSE	12/13/21 15:20	12/14/21
L2168581-11	MW-9S	WATER	FISHER RD., EAST SYRACUSE	12/13/21 14:45	12/14/21
L2168581-12	MW-9M	WATER	FISHER RD., EAST SYRACUSE	12/13/21 15:10	12/14/21
L2168581-13	MW-9D	WATER	FISHER RD., EAST SYRACUSE	12/13/21 14:30	12/14/21
L2168581-14	MW-10S	WATER	FISHER RD., EAST SYRACUSE	12/13/21 10:15	12/14/21
L2168581-15	MW-11D	WATER	FISHER RD., EAST SYRACUSE	12/13/21 11:05	12/14/21
L2168581-16	MW-12S	WATER	FISHER RD., EAST SYRACUSE	12/13/21 10:10	12/14/21
L2168581-17	TRIP BLANK	WATER	FISHER RD., EAST SYRACUSE	12/13/21 00:00	12/14/21



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

Case Narrative

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

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

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

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

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

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



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

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.

Volatile Organics by Method 624

L2168581-13: Due to the matrix of the sample (foam generation during purging/analysis), the laboratory used Anti-Foam solution in the sample and associated QC.

The WG1584172-3 LCS recovery, associated with L2168581-10 through -16, is above the acceptance criteria for acrolein (170%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

Total Metals

L2168581-01, -04, -15, and -16: The sample has elevated detection limits for all elements, due to the prep dilution required by the sample matrix.

L2168581-13: The sample has elevated detection limits for all elements, due to the dilution required by matrix interferences encountered during analysis.

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.

Lisa Westerlind

Authorized Signature:

Title: Technical Director/Representative

Date: 12/31/21



ORGANICS



VOLATILES



L2168581

12/31/21

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

SAMPLE RESULTS

Lab Number:

Report Date:

Lab ID: L2168581-01 Date Collected: 12/13/21 11:25 Client ID: Date Received: 12/14/21 MW-1S

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

Sample Depth:

Matrix: Water Analytical Method: 128,624.1 Analytical Date: 12/15/21 11:40

Volatile Organics by GC/MS - Westborougl Methylene chloride 1,1-Dichloroethane Chloroform Carbon tetrachloride	ND ND ND ND ND	ug/l ug/l	1.0	0.56	1
1,1-Dichloroethane Chloroform	ND ND			0.56	1
Chloroform	ND	ug/l			ı
			1.5	0.40	1
Carbon tetrachloride	ND	ug/l	1.0	0.38	1
	110	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. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW **Report Date:** 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-01 Date Collected: 12/13/21 11:25

Client ID: MW-1S Date Received: 12/14/21 Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

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	101		60-140	
Fluorobenzene	107		60-140	
4-Bromofluorobenzene	99		60-140	



L2168581

12/31/21

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

SAMPLE RESULTS

Date Collected: 12/13/21 11:20

Lab Number:

Report Date:

SAWIFEE RESOLTS

Lab ID: L2168581-02 Client ID: MW-2S

Client ID: MW-2S Date Received: 12/14/21 Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 12/15/21 12:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - West	borough 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. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-02 Date Collected: 12/13/21 11:20

Client ID: MW-2S Date Received: 12/14/21 Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Volatile Organics by GC/MS - West	borough 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	Acceptance Qualifier Criteria	
Pentafluorobenzene	96	60-140	
Fluorobenzene	102	60-140	
4-Bromofluorobenzene	100	60-140	



L2168581

12/31/21

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

SAMPLE RESULTS

Date Collected: 12/13/21 11:00

Lab Number:

Report Date:

Lab ID: L2168581-03 Client ID: Date Received: 12/14/21 MW-2D Field Prep: Sample Location: FISHER RD., EAST SYRACUSE Not Specified

Sample Depth:

Matrix: Water Analytical Method: 128,624.1 Analytical Date: 12/15/21 12:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - West	borough 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: Lab Number: T. DEWITT LANDFILL MONITORING L2168581

Project Number: Report Date: 1128-2021-GW 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-03 Date Collected: 12/13/21 11:00

Client ID: Date Received: 12/14/21 MW-2D Field Prep: Sample Location: FISHER RD., EAST SYRACUSE Not Specified

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	94		60-140	
Fluorobenzene	100		60-140	
4-Bromofluorobenzene	100		60-140	



L2168581

12/31/21

Project Name: T. DEWITT LANDFILL MONITORING

L2168581-04

FISHER RD., EAST SYRACUSE

MW-3S

Project Number: 1128-2021-GW

SAMPLE RESULTS

Date Collected: 12/13/21 13:30

Report Date:

Lab Number:

Date Received: 12/14/21 Field Prep: Not Specified

Sample Depth:

Sample Location:

Lab ID:

Client ID:

Matrix: Water Analytical Method: 128,624.1 Analytical Date: 12/15/21 13:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough	n 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: Lab Number: T. DEWITT LANDFILL MONITORING L2168581

Project Number: Report Date: 1128-2021-GW 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-04 Date Collected: 12/13/21 13:30

Client ID: Date Received: 12/14/21 MW-3S Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

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 p/m-Xylene ND ug/l 1.0 0.34 1 o-xylene ND ug/l 1.0 0.34 1 Xylenes, Total 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 0.24 1 Carbon disulfide ND ug/l 5.0 0.28 1 2-Butanone ND ug/l 10 0.4	Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
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 0.41 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	Volatile Organics by GC/MS - Westb	orough Lab						
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	Trichloroethene	ND		ug/l	1.0	0.33	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 0.41 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	1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	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	1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	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	1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	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	p/m-Xylene	ND		ug/l	2.0	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	o-xylene	ND		ug/l	1.0	0.34	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	Xylenes, Total	ND		ug/l	1.0	0.30	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	Styrene	ND		ug/l	1.0	0.37	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	Acetone	ND		ug/l	10	2.4	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	Carbon disulfide	ND		ug/l	5.0	0.28	1	
4-Methyl-2-pentanone ND ug/l 10 0.19 1 2-Hexanone ND ug/l 10 0.55 1	2-Butanone	ND		ug/l	10	1.0	1	
2-Hexanone ND ug/l 10 0.55 1	Vinyl acetate	ND		ug/l	10	0.41	1	
	4-Methyl-2-pentanone	ND		ug/l	10	0.19	1	
Acrolein ND ug/ 8.0 1.8 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	Acrylonitrile	ND		ug/l	10	0.33	1	
Dibromomethane ND ug/l 1.0 0.23 1	Dibromomethane	ND		ug/l	1.0	0.23	1	

Surrogate	% Recovery	Acceptance Qualifier Criteria	
Pentafluorobenzene	95	60-140	
Fluorobenzene	102	60-140	
4-Bromofluorobenzene	100	60-140	



L2168581

12/31/21

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

SAMPLE RESULTS

Date Collected: 12/13/21 13:07

Lab ID: L2168581-05

Client ID: MW-4S

Sample Location: FISHER RD., EAST SYRACUSE

Date Received: 12/14/21
Field Prep: Not Specified

Lab Number:

Report Date:

Sample Depth:

Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 12/15/21 13:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Volatile Organics by GC/MS - West	borough 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	3.3		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	60		ug/l	1.0	0.17	1	



Project Name: Lab Number: T. DEWITT LANDFILL MONITORING L2168581

Project Number: Report Date: 1128-2021-GW 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-05 Date Collected: 12/13/21 13:07

Client ID: Date Received: 12/14/21 MW-4S Field Prep: Sample Location: FISHER RD., EAST SYRACUSE Not Specified

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	97		60-140	
Fluorobenzene	102		60-140	
4-Bromofluorobenzene	103		60-140	



L2168581

12/31/21

Project Name: T. DEWITT LANDFILL MONITORING

FISHER RD., EAST SYRACUSE

L2168581-06

MW-4D

Project Number: 1128-2021-GW

SAMPLE RESULTS

Date Collected: 12/13/21 13:15

Lab Number:

Report Date:

Date Received: 12/14/21
Field Prep: Not Specified

Sample Depth:

Sample Location:

Lab ID:

Client ID:

Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 12/16/21 15:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - West	borough 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	5.4		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	140		ug/l	1.0	0.17	1



12/31/21

Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date:

SAMPLE RESULTS

Lab ID: L2168581-06 Date Collected: 12/13/21 13:15

Client ID: MW-4D Date Received: 12/14/21

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough	Lab					
Trichloroethene	21		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	Acceptance Qualifier Criteria	
Pentafluorobenzene	97	60-140	
Fluorobenzene	102	60-140	
4-Bromofluorobenzene	95	60-140	



L2168581

12/31/21

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

SAMPLE RESULTS

Lab Number:

Report Date:

Lab ID: L2168581-07 Date Collected: 12/13/21 11:55

Client ID: Date Received: 12/14/21 MW-6S Field Prep: Sample Location: FISHER RD., EAST SYRACUSE Not Specified

Sample Depth:

Matrix: Water Analytical Method: 128,624.1 Analytical Date: 12/15/21 14:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - West	borough 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. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-07 Date Collected: 12/13/21 11:55

Client ID: MW-6S Date Received: 12/14/21
Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Volatile Organics by GC/MS - Westl	oorough 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	100		60-140	
4-Bromofluorobenzene	104		60-140	



L2168581

12/31/21

Project Name: T. DEWITT LANDFILL MONITORING

L2168581-08

FISHER RD., EAST SYRACUSE

NMW-7S

Project Number: 1128-2021-GW

SAMPLE RESULTS

Date Collected: 12/13/21 09:32

Lab Number:

Report Date:

Date Received: 12/14/21 Field Prep: Not Specified

Sample Location: Sample Depth:

Lab ID:

Client ID:

Matrix: Water Analytical Method: 128,624.1 Analytical Date: 12/15/21 15:08

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 Carbon tetrachloride ND ug/l 1.0 0.24 1 Dibromochloromethane ND ug/l 1.5 0.46 1 1,1,2-Trichloroethane ND ug/l 1.5 0.34 1 2-Chloroethylvinyl ether ND ug/l 1.0 0.25 1 1-Chloroethane ND ug/l 1.0 0.26 1 1-Chloroethane ND ug/l 1.0 0.26 1 1,1,1-Trichloroethane ND ug/l 2.0 0.29 1 1,2-Dichloropropene ND ug/l 1.5 0.31 1 1,1-1,1-Trichloroethane	Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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 1,0 0,24 1 Dibromochloromethane ND ug/l 1,5 0,34 1 1,1,2-Trichlorosthane ND ug/l 1,5 0,34 1 2-Chloroethylvinyl ether ND ug/l 1,0 0,26 1 Tetrachloroethane ND ug/l 1,0 0,26 1 Chlorobenzene ND ug/l 1,0 0,26 1 Trichlorofluoromethane ND ug/l 5,0 0,28 1 Trichlorofluoromethane ND ug/l 1,5 0,47 1 Bromodichloromethane ND ug/l 1,0 0,28 1 Bromodichloromethane ND ug/l 1,5 0,34	Volatile Organics by GC/MS - Westbo	rough Lab					
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 1.0 0.24 1 Dibromochloromethane ND ug/l 1.0 0.27 1 1,1,2-Trichloroethane ND ug/l 1.5 0.34 1 2-Chloroethylwinyl ether ND ug/l 1.0 0.26 1 2-Chloroethylwinyl ether ND ug/l 1.0 0.26 1 Chlorobenzene ND ug/l 1.0 0.26 1 Chloroethane ND ug/l 5.0 0.28 1 1,1-1-Trichloroethane ND ug/l 1.5 0.47 1 1,1-1-Trichloroethane ND ug/l 1.5 0.47 1 Bromochloromethane ND ug/l 1.5 0.31 1 Bromochloromethane ND ug/l 1.5 0.31	Methylene chloride	ND		ug/l	1.0	0.56	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-Trichlorosthane ND ug/l 1.5 0.34 1 2-Chlorosthylvinyl ether ND ug/l 1.0 0.26 1 Tetrachlorosthane ND ug/l 1.0 0.26 1 Chlorobenzene ND ug/l 1.0 0.26 1 Chlorobenzene ND ug/l 1.0 0.26 1 Chlorobenzene ND ug/l 1.5 0.30 1 Trichlorofluoromethane ND ug/l 1.5 0.47 1 1,1-1,1-Trichloroethane ND ug/l 1.0 0.28 1 Bromodichloromethane ND ug/l 1.5 0.31 1 trans-1,3-Dichloropropene ND ug/l 1.0	1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
1,2-Dichloropropane ND	Chloroform	ND		ug/l	1.0	0.38	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 1.5 0.47 1 1,1,1-Trichloroethane ND ug/l 1.0 0.28 1 Bromodichloromethane ND ug/l 1.0 0.28 1 trans-1,3-Dichloropropene ND ug/l 1.5 0.31 1 tis-1,3-Dichloropropene ND ug/l 1.0 0.22 1 1,1,2,2-Tetrachloroethane ND ug/l 1.	Carbon tetrachloride	ND		ug/l	1.0	0.24	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 1,1,1-Trichloroethane ND ug/l 1,5 0,47 1 1,1,1-Trichloroethane ND ug/l 1,5 0,47 1 Bromodichloromethane ND ug/l 1,0 0,28 1 Bromodichloromethane ND ug/l 1,0 0,28 1 Itrans-1,3-Dichloropropene ND ug/l 1,5 0,31 1 isi-1,3-Dichloropropene ND ug/l 1,0 0,22 1 Bromoform ND ug/l 1,0 0,22 1 1,1,2,2-Tetrachloroethane ND ug/l 1,0	1,2-Dichloropropane	ND		ug/l	3.5	0.46	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 0.38 1 Toluene ND ug/l 1.0 0.31 1 Ethylbenzene ND ug/l 1.0 0.28	Dibromochloromethane	ND		ug/l	1.0	0.27	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 Horomoform ND ug/l 1.0 0.22 1 1,1,2,2-Tetrachloroethane ND ug/l 1.0 0.38 1 Toluene ND ug/l 1.0 0.38 1 Ethylbenzene ND ug/l 5.0 1.0 1	1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	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 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 5.0 1.2 1	2-Chloroethylvinyl ether	ND		ug/l	10	0.35	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 0.22 1 Benzene ND ug/l 1.0 0.38 1 Toluene ND ug/l 1.0 0.38 1 Ethylbenzene ND ug/l 1.0 0.28 1 Chloromethane ND ug/l 5.0 1.2 1 Vinyl chloride ND ug/l 5.0 1.2 1 <td>Tetrachloroethene</td> <td>ND</td> <td></td> <td>ug/l</td> <td>1.0</td> <td>0.26</td> <td>1</td>	Tetrachloroethene	ND		ug/l	1.0	0.26	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 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 5.0 1.0 1 Chloromethane ND ug/l 5.0 1.2 1 Vinyl chloride ND ug/l 1.0 0.38 1	Chlorobenzene	ND		ug/l	3.5	0.30	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 1.0 0.37 1 1,1-Dichloroethene ND ug/l 1.0 0.31 1	Trichlorofluoromethane	ND		ug/l	5.0	0.28	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	1,2-Dichloroethane	ND		ug/l	1.5	0.47	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	1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	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 1.0 0.38 1 1,1-Dichloroethene ND ug/l 1.0 0.37 1 trans-1,2-Dichloroethene ND ug/l 1.5 0.33 1	Bromodichloromethane	ND		ug/l	1.0	0.28	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	trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	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-1,3-Dichloropropene	ND		ug/l	1.5	0.34	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	Bromoform	ND		ug/l	1.0	0.22	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	1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	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	Benzene	ND		ug/l	1.0	0.38	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	Toluene	ND		ug/l	1.0	0.31	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	Ethylbenzene	ND		ug/l	1.0	0.28	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	Chloromethane	ND		ug/l	5.0	1.0	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	Bromomethane	ND		ug/l	5.0	1.2	1
1,1-Dichloroethene ND ug/l 1.0 0.31 1 trans-1,2-Dichloroethene ND ug/l 1.5 0.33 1	Vinyl chloride	ND		ug/l	1.0	0.38	1
trans-1,2-Dichloroethene ND ug/l 1.5 0.33 1	Chloroethane	ND		ug/l	2.0	0.37	1
	1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
AID # 40 OTT	trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dicnioroetnene ND ug/l 1.0 0.17 1	cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-08 Date Collected: 12/13/21 09:32

Client ID: NMW-7S Date Received: 12/14/21 Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

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	102		60-140	
4-Bromofluorobenzene	103		60-140	



L2168581

12/31/21

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

SAMPLE RESULTS

Date Collected: 12/13/21 15:35

Lab Number:

Report Date:

L2168581-09 Date Received: 12/14/21 MW-8S Field Prep: Sample Location: FISHER RD., EAST SYRACUSE Not Specified

Sample Depth:

Lab ID:

Client ID:

Matrix: Water Analytical Method: 128,624.1 Analytical Date: 12/15/21 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Volatile Organics by GC/MS - West	borough 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	74		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	



12/31/21

Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date:

SAMPLE RESULTS

Lab ID: L2168581-09 Date Collected: 12/13/21 15:35

Client ID: MW-8S Date Received: 12/14/21
Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

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 p/m-Xylene ND ug/l 1.0 0.34 1 o-xylene ND ug/l 1.0 0.34 1 Xylenes, Total 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 0.24 1 Carbon disulfide ND ug/l 5.0 0.28 1 2-Butanone ND ug/l 10 0.4	Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor			
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 0.41 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	Volatile Organics by GC/MS - Westborough Lab									
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	Trichloroethene	ND		ug/l	1.0	0.33	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 0.41 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	1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	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	1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	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	1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	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	p/m-Xylene	ND		ug/l	2.0	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	o-xylene	ND		ug/l	1.0	0.34	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	Xylenes, Total	ND		ug/l	1.0	0.30	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	Styrene	ND		ug/l	1.0	0.37	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	Acetone	ND		ug/l	10	2.4	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	Carbon disulfide	ND		ug/l	5.0	0.28	1			
4-Methyl-2-pentanone ND ug/l 10 0.19 1 2-Hexanone ND ug/l 10 0.55 1	2-Butanone	ND		ug/l	10	1.0	1			
2-Hexanone ND ug/l 10 0.55 1	Vinyl acetate	ND		ug/l	10	0.41	1			
	4-Methyl-2-pentanone	ND		ug/l	10	0.19	1			
Acrolein ND ug/ 8.0 1.8 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	Acrylonitrile	ND		ug/l	10	0.33	1			
Dibromomethane ND ug/l 1.0 0.23 1	Dibromomethane	ND		ug/l	1.0	0.23	1			

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



L2168581

12/31/21

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

SAMPLE RESULTS

Date Collected: 12/13/21 15:20

Lab ID: L2168581-10

Client ID: MW-8D

Sample Location: FISHER RD., EAST SYRACUSE

Date Received: 12/14/21
Field Prep: Not Specified

Lab Number:

Report Date:

Sample Depth:

Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 12/15/21 11:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Volatile Organics by GC/MS - West	borough 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. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW **Report Date:** 12/31/21

SAMPLE RESULTS

Lab ID: Date Collected: 12/13/21 15:20

Client ID: MW-8D Date Received: 12/14/21 Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Volatile Organics by GC/MS - Westbor	ough 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	97		60-140	
Fluorobenzene	98		60-140	
4-Bromofluorobenzene	99		60-140	



L2168581

12/31/21

Project Name: T. DEWITT LANDFILL MONITORING

FISHER RD., EAST SYRACUSE

L2168581-11

MW-9S

Project Number: 1128-2021-GW

SAMPLE RESULTS

Date Collected: 12/13/21 14:45

Lab Number:

Report Date:

Date Received: 12/14/21
Field Prep: Not Specified

Sample Depth:

Sample Location:

Lab ID:

Client ID:

Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 12/15/21 12:16

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 1.0 0.24 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 1.0 0.35 1 Tetrachloroethane ND ug/l 1.0 0.26 1 Chlorobenzene ND ug/l 1.0 0.26 1 Trichloroffluoromethane ND ug/l 1.5 0.30 1 Trichloroethane ND ug/l 1.0 0.28 1 Bromodichloromethane ND ug/l 1.5 0.31 1 Bromodichloropropene ND ug/l 1.5 0.34	Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,1-Dichloroethane	Volatile Organics by GC/MS - West	borough Lab					
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 1.0 0.24 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 1.0 0.35 1 Tetrachloroethane ND ug/l 1.0 0.26 1 Chlorobenzene ND ug/l 5.0 0.30 1 Tirchloroffluoromethane ND ug/l 5.0 0.30 1 1,1,1-Trichloroethane ND ug/l 1.5 0.47 1 Bromodichloromethane ND ug/l 1.0 0.28 1 trans-1,3-Dichloropropene ND ug/l 1.5 <td< td=""><td>Methylene chloride</td><td>ND</td><td></td><td>ug/l</td><td>1.0</td><td>0.56</td><td>1</td></td<>	Methylene chloride	ND		ug/l	1.0	0.56	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 1.0 0.26 1 Tetrachloroethane ND ug/l 3.5 0.30 1 Tichlorofloromethane ND ug/l 3.5 0.30 1 1,2-Dichloroethane ND ug/l 3.5 0.30 1 1,1,1-Trichloroethane ND ug/l 1.5 0.47 1 Bromodichloromethane ND ug/l 1.0 0.28 1 Bromodichloropropene ND ug/l 1.5 0.31 1 Bromoform ND ug/l 1.5 0.34 1 Benzene ND ug/l 1.0 0.22	1,1-Dichloroethane	ND			1.5	0.40	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 1.0 0.26 1 1 Chloroethane ND ug/l 3.5 0.30 1 1 Chlorobenzene ND ug/l 3.5 0.30 1 1 Trichloroethane ND ug/l 5.0 0.28 1 1,1,1-Trichloroethane ND ug/l 1.5 0.47 1 1,1,2-Dichloroethane ND ug/l 1.0 0.28 1 Bromodichloromethane ND ug/l 1.0 0.28 1 Bromodichloromethane ND ug/l 1.0 0.22 1 Bromodichloroethane ND ug/l 1.0	Chloroform	ND		ug/l	1.0	0.38	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 Tetrachloroethane 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 1.5 0.47 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	Carbon tetrachloride	ND		ug/l	1.0	0.24	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 1,1,1-Trichloroethane ND ug/l 1.5 0.47 1 1,1,1-Trichloroethane ND ug/l 1.0 0.28 1 Bromofichloromethane ND ug/l 1.0 0.28 1 Trans-1,3-Dichloropropene ND ug/l 1.5 0.31 1 trans-1,3-Dichloropropene ND ug/l 1.5 0.34 1 Bromoform ND ug/l 1.0 0.22 1 H1,2,2-Tetrachloroethane ND ug/l 1.0 0.38 1 Benzene ND ug/l 1.0 0.	1,2-Dichloropropane	ND		ug/l	3.5	0.46	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 Trichlorotluoromethane 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 Bromodichloropropene 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 Bromoform ND ug/l 1.0 0.22 1 1,1,2,2-Tetrachloroethane ND ug/l 1.0 0.38 1 Toluene ND ug/l 1.0 0.38 1	Dibromochloromethane	ND		ug/l	1.0	0.27	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 Bromodichloropropene ND ug/l 1.5 0.31 1 Itrans-1,3-Dichloropropene ND ug/l 1.5 0.31 1 Bromoform 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 0.38 1 Toluene ND ug/l 1.0 0.38 1 Ethylbenzene ND ug/l 5.0 1.0 1	1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
Chlorobenzene ND ug/l 3.5 0.30 1	2-Chloroethylvinyl ether	ND		ug/l	10	0.35	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 0.22 1 Benzene ND ug/l 1.0 0.38 1 Toluene ND ug/l 1.0 0.38 1 Ethylbenzene ND ug/l 5.0 1.0 1 Chloromethane ND ug/l 5.0 1.2 1 Vinyl chloride 0.38 J ug/l 1.0 0.38	Tetrachloroethene	ND		ug/l	1.0	0.26	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 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 5.0 1.0 1 Chloromethane ND ug/l 5.0 1.2 1 Vinyl chloride 0.38 J ug/l 1.0 0.38 1	Chlorobenzene	ND		ug/l	3.5	0.30	1
1,1,1-Trichloroethane	Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
Bromodichloromethane ND ug/l 1.0 0.28 1 1 1 1 1 1 1 1 1	1,2-Dichloroethane	ND		ug/l	1.5	0.47	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 0.38 1 Ethylbenzene ND ug/l 1.0 0.38 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 0.38 J ug/l 1.0 0.38 1 Chloroethane ND ug/l 5.0 1.2 1 Vinyl chloride 0.38 J ug/l 1.0 0.38 1 Chloroethane ND ug/l 5.0 1.2 1 Vinyl chloride 0.38 J ug/l 1.0 0.38 1 Chloroethane ND ug/l 5.0 0.37 1 1,1-Dichloroethene ND ug/l 1.0 0.31 1 1,1-Dichloroethene ND ug/l 1.0 0.31 1	1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	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 0.38 J 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	Bromodichloromethane	ND		ug/l	1.0	0.28	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 0.38 J 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	trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	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 0.38 J 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-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
ND	Bromoform	ND		ug/l	1.0	0.22	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 0.38 J 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	1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	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 0.38 J 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	Benzene	ND		ug/l	1.0	0.38	1
Chloromethane ND ug/l 5.0 1.0 1 Bromomethane ND ug/l 5.0 1.2 1 Vinyl chloride 0.38 J 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	Toluene	ND		ug/l	1.0	0.31	1
Bromomethane ND ug/l 5.0 1.2 1 Vinyl chloride 0.38 J 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	Ethylbenzene	ND		ug/l	1.0	0.28	1
Vinyl chloride 0.38 J 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	Chloromethane	ND		ug/l	5.0	1.0	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	Bromomethane	ND		ug/l	5.0	1.2	1
1,1-Dichloroethene ND ug/l 1.0 0.31 1 trans-1,2-Dichloroethene ND ug/l 1.5 0.33 1	Vinyl chloride	0.38	J	ug/l	1.0	0.38	1
trans-1,2-Dichloroethene ND ug/l 1.5 0.33 1	Chloroethane	ND		ug/l	2.0	0.37	1
	1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
cis-1 2-Dichloroethene 0.76 J ug/l 1.0 0.17 1	trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
55 1,2 2.5515 Ug/I 1.0 0.11	cis-1,2-Dichloroethene	0.76	J	ug/l	1.0	0.17	1



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-11 Date Collected: 12/13/21 14:45

Client ID: MW-9S Date Received: 12/14/21 Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Volatile Organics by GC/MS - West	borough 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	Acceptance Qualifier Criteria	
Pentafluorobenzene	98	60-140	
Fluorobenzene	97	60-140	
4-Bromofluorobenzene	99	60-140	



L2168581

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

SAMPLE RESULTS

Date Collected: 12/13/21 15:10

Report Date: 12/31/21

Lab Number:

Lab ID: L2168581-12

Client ID: Date Received: 12/14/21 MW-9M Field Prep: Sample Location: FISHER RD., EAST SYRACUSE Not Specified

Sample Depth:

Matrix: Water Analytical Method: 128,624.1 Analytical Date: 12/15/21 12:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough	h 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	61		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



12/13/21 15:10

Project Name: Lab Number: T. DEWITT LANDFILL MONITORING L2168581

Project Number: Report Date: 1128-2021-GW 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-12 Date Collected:

Date Received: Client ID: 12/14/21 MW-9M

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

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	97		60-140	
Fluorobenzene	98		60-140	
4-Bromofluorobenzene	100		60-140	



L2168581

12/31/21

Project Name: T. DEWITT LANDFILL MONITORING

L2168581-13

Project Number: 1128-2021-GW

SAMPLE RESULTS

Date Collected: 12/13/21 14:30

Lab Number:

Report Date:

Client ID: MW-9D Date Received: 12/14/21
Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Lab ID:

Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 12/15/21 13:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Volatile Organics by GC/MS - West	borough 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. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-13 Date Collected: 12/13/21 14:30

Client ID: MW-9D Date Received: 12/14/21
Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

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	8.1	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	ND		ug/l	1.0	0.23	1

Surrogate	% Recovery	Acceptance Qualifier Criteria	
Pentafluorobenzene	93	60-140	
Fluorobenzene	96	60-140	
4-Bromofluorobenzene	84	60-140	



L2168581

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

SAMPLE RESULTS

Date Collected: 12/13/21 10:15

Report Date: 12/31/21

Lab Number:

Lab ID: L2168581-14

Client ID: Date Received: 12/14/21 MW-10S Field Prep: Sample Location: FISHER RD., EAST SYRACUSE Not Specified

Sample Depth:

Matrix: Water Analytical Method: 128,624.1 Analytical Date: 12/15/21 13:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Volatile Organics by GC/MS - West	borough 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	0.26	J	ug/l	1.0	0.17	1	



Project Name: Lab Number: T. DEWITT LANDFILL MONITORING L2168581

Project Number: Report Date: 1128-2021-GW 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-14 Date Collected: 12/13/21 10:15

Client ID: Date Received: 12/14/21 MW-10S Field Prep: Sample Location: FISHER RD., EAST SYRACUSE Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough	Lab					
Trichloroethene	0.47	J	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	ceptance Criteria
Pentafluorobenzene	96	60-140
Fluorobenzene	97	60-140
4-Bromofluorobenzene	100	60-140



L2168581

12/31/21

Project Name: T. DEWITT LANDFILL MONITORING

L2168581-15

FISHER RD., EAST SYRACUSE

MW-11D

Project Number: 1128-2021-GW

SAMPLE RESULTS

Date Collected: 12/13/21 11:05

KLSOLIS

Date Received: 12/14/21
Field Prep: Not Specified

Lab Number:

Report Date:

Sample Depth:

Sample Location:

Lab ID:

Client ID:

Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 12/15/21 14:29

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 Carbon tetrachloride ND ug/l 1.0 0.24 1 Dibromochloromethane ND ug/l 1.5 0.46 1 1,1,2-Trichloroethane ND ug/l 1.5 0.34 1 2-Chloroethylvinyl ether ND ug/l 1.0 0.25 1 1-Chloroethane ND ug/l 1.0 0.26 1 1-Chloroethane ND ug/l 1.0 0.26 1 1,1,1-Trichloroethane ND ug/l 2.0 0.29 1 1,2-Dichloropropene ND ug/l 1.5 0.31 1 1,1-1,1-Trichloroethane	Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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 1,0 0,24 1 Dibromochloromethane ND ug/l 1,5 0,34 1 1,1,2-Trichlorosthane ND ug/l 1,5 0,34 1 2-Chloroethylvinyl ether ND ug/l 1,0 0,26 1 Tetrachloroethane ND ug/l 1,0 0,26 1 Chlorobenzene ND ug/l 1,0 0,26 1 Trichlorofluoromethane ND ug/l 5,0 0,28 1 Trichlorofluoromethane ND ug/l 1,5 0,47 1 Bromodichloromethane ND ug/l 1,0 0,28 1 Bromodichloromethane ND ug/l 1,5 0,34	Volatile Organics by GC/MS - Westbo	rough Lab					
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 1.0 0.24 1 Dibromochloromethane ND ug/l 1.0 0.27 1 1,1,2-Trichloroethane ND ug/l 1.5 0.34 1 2-Chloroethylwinyl ether ND ug/l 1.0 0.26 1 2-Chloroethylwinyl ether ND ug/l 1.0 0.26 1 Chlorobenzene ND ug/l 1.0 0.26 1 Chloroethane ND ug/l 5.0 0.28 1 1,1-1-Trichloroethane ND ug/l 1.5 0.47 1 1,1-1-Trichloroethane ND ug/l 1.5 0.47 1 Bromochloromethane ND ug/l 1.5 0.31 1 Bromochloromethane ND ug/l 1.5 0.31	Methylene chloride	ND		ug/l	1.0	0.56	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-Trichlorosthane ND ug/l 1.5 0.34 1 2-Chlorosthylvinyl ether ND ug/l 1.0 0.26 1 Tetrachlorosthane ND ug/l 1.0 0.26 1 Chlorobenzene ND ug/l 1.0 0.26 1 Chlorobenzene ND ug/l 1.0 0.26 1 Chlorobenzene ND ug/l 1.5 0.30 1 Trichlorofluoromethane ND ug/l 1.5 0.47 1 1,1-1,1-Trichloroethane ND ug/l 1.0 0.28 1 Bromodichloromethane ND ug/l 1.5 0.31 1 trans-1,3-Dichloropropene ND ug/l 1.0	1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
1,2-Dichloropropane ND	Chloroform	ND		ug/l	1.0	0.38	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 1.5 0.47 1 1,1,1-Trichloroethane ND ug/l 1.0 0.28 1 Bromodichloromethane ND ug/l 1.0 0.28 1 trans-1,3-Dichloropropene ND ug/l 1.5 0.31 1 tis-1,3-Dichloropropene ND ug/l 1.0 0.22 1 1,1,2,2-Tetrachloroethane ND ug/l 1.	Carbon tetrachloride	ND		ug/l	1.0	0.24	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 1,1,1-Trichloroethane ND ug/l 1,5 0,47 1 1,1,1-Trichloroethane ND ug/l 1,5 0,47 1 Bromodichloromethane ND ug/l 1,0 0,28 1 Bromodichloromethane ND ug/l 1,0 0,28 1 Itrans-1,3-Dichloropropene ND ug/l 1,5 0,31 1 isi-1,3-Dichloropropene ND ug/l 1,0 0,22 1 Bromoform ND ug/l 1,0 0,22 1 1,1,2,2-Tetrachloroethane ND ug/l 1,0	1,2-Dichloropropane	ND		ug/l	3.5	0.46	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 0.38 1 Toluene ND ug/l 1.0 0.31 1 Ethylbenzene ND ug/l 1.0 0.28	Dibromochloromethane	ND		ug/l	1.0	0.27	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 Horomoform ND ug/l 1.0 0.22 1 1,1,2,2-Tetrachloroethane ND ug/l 1.0 0.38 1 Toluene ND ug/l 1.0 0.38 1 Ethylbenzene ND ug/l 5.0 1.0 1	1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	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 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 5.0 1.2 1	2-Chloroethylvinyl ether	ND		ug/l	10	0.35	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 0.22 1 Benzene ND ug/l 1.0 0.38 1 Toluene ND ug/l 1.0 0.38 1 Ethylbenzene ND ug/l 1.0 0.28 1 Chloromethane ND ug/l 5.0 1.2 1 Vinyl chloride ND ug/l 5.0 1.2 1 <td>Tetrachloroethene</td> <td>ND</td> <td></td> <td>ug/l</td> <td>1.0</td> <td>0.26</td> <td>1</td>	Tetrachloroethene	ND		ug/l	1.0	0.26	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 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 5.0 1.0 1 Chloromethane ND ug/l 5.0 1.2 1 Vinyl chloride ND ug/l 1.0 0.38 1	Chlorobenzene	ND		ug/l	3.5	0.30	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 1.0 0.37 1 1,1-Dichloroethene ND ug/l 1.0 0.31 1	Trichlorofluoromethane	ND		ug/l	5.0	0.28	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	1,2-Dichloroethane	ND		ug/l	1.5	0.47	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	1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	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 1.0 0.38 1 1,1-Dichloroethene ND ug/l 1.0 0.37 1 trans-1,2-Dichloroethene ND ug/l 1.5 0.33 1	Bromodichloromethane	ND		ug/l	1.0	0.28	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	trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	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-1,3-Dichloropropene	ND		ug/l	1.5	0.34	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	Bromoform	ND		ug/l	1.0	0.22	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	1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	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	Benzene	ND		ug/l	1.0	0.38	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	Toluene	ND		ug/l	1.0	0.31	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	Ethylbenzene	ND		ug/l	1.0	0.28	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	Chloromethane	ND		ug/l	5.0	1.0	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	Bromomethane	ND		ug/l	5.0	1.2	1
1,1-Dichloroethene ND ug/l 1.0 0.31 1 trans-1,2-Dichloroethene ND ug/l 1.5 0.33 1	Vinyl chloride	ND		ug/l	1.0	0.38	1
trans-1,2-Dichloroethene ND ug/l 1.5 0.33 1	Chloroethane	ND		ug/l	2.0	0.37	1
	1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
AID # 40 OTT	trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dicnioroetnene ND ug/l 1.0 0.17 1	cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-15 Date Collected: 12/13/21 11:05

Client ID: MW-11D Date Received: 12/14/21 Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Volatile Organics by GC/MS - West	borough 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	96		60-140	
4-Bromofluorobenzene	101		60-140	



L2168581

12/31/21

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

SAMPLE RESULTS

Date Collected: 12/13/21 10:10

Lab Number:

Report Date:

L2168581-16

Client ID: Date Received: 12/14/21 MW-12S Field Prep: Sample Location: FISHER RD., EAST SYRACUSE Not Specified

Sample Depth:

Lab ID:

Matrix: Water Analytical Method: 128,624.1 Analytical Date: 12/15/21 15:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - West	borough 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. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-16 Date Collected: 12/13/21 10:10

Client ID: MW-12S Date Received: 12/14/21 Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

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	50		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		ptance teria
Pentafluorobenzene	96	6	0-140
Fluorobenzene	95	6	0-140
4-Bromofluorobenzene	101	6	0-140



L2168581

Project Name: T. DEWITT LANDFILL MONITORING

L2168581-17

TRIP BLANK

FISHER RD., EAST SYRACUSE

Project Number: 1128-2021-GW

SAMPLE RESULTS

Date Collected: 12/13/21 00:00

12/31/21

Date Received: 12/14/21 Field Prep: Not Specified

Lab Number:

Report Date:

Sample Depth:

Sample Location:

Lab ID:

Client ID:

Matrix: Water Analytical Method: 128,624.1 Analytical Date: 12/15/21 08:14

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



12/31/21

Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date:

SAMPLE RESULTS

Lab ID: L2168581-17 Date Collected: 12/13/21 00:00

Client ID: TRIP BLANK Date Received: 12/14/21

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	/olatile 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	Acceptance Qualifier Criteria	
Pentafluorobenzene	97	60-140	
Fluorobenzene	103	60-140	
4-Bromofluorobenzene	99	60-140	



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

Method Blank Analysis Batch Quality Control

Analytical Method: 128,624.1 Analytical Date: 12/15/21 06:15

Parameter	Result	Qualifier Units	RL	MDL	
olatile Organics by GC/MS -	Westborough Lab	o for sample(s):	01-05,07-09,17	Batch:	WG1584120-4
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. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

Method Blank Analysis Batch Quality Control

Analytical Method: 128,624.1 Analytical Date: 12/15/21 06:15

Parameter	Result	Qualifier Units	RL	MDL	
Volatile Organics by GC/MS	- Westborough Lab	o for sample(s):	01-05,07-09,17	Batch:	WG1584120-4
1,2-Dichlorobenzene	ND	ug/l	5.0	0.28	
1,3-Dichlorobenzene	ND	ug/l		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	

		Acceptance		
Surrogate	%Recovery Q	ualifier C	Criteria	
			_	
Pentafluorobenzene	100	6	0-140	
Fluorobenzene	103	6	0-140	
4-Bromofluorobenzene	100	6	0-140	



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

Method Blank Analysis Batch Quality Control

Analytical Method: 128,624.1 Analytical Date: 12/15/21 10:36

arameter	Result	Qualifier Units	RL	MDL
olatile Organics by GC/MS -	· Westborough Lab	for sample(s):	10-16 Batch:	WG1584172-4
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. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

Method Blank Analysis Batch Quality Control

Analytical Method: 128,624.1 Analytical Date: 12/15/21 10:36

Parameter	Result	Qualifier Units	RL	MDL	
olatile Organics by GC/MS - We	estborough Lab	for sample(s):	10-16 Batch:	WG1584172-4	
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	

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



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

Method Blank Analysis Batch Quality Control

Analytical Method: 128,624.1 Analytical Date: 12/16/21 05:44

arameter	Result	Qualifier Units	RL	MDL
olatile Organics by GC/MS	- Westborough Lab	for sample(s):	06 Batch:	WG1584573-4
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. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

Method Blank Analysis Batch Quality Control

Analytical Method: 128,624.1 Analytical Date: 12/16/21 05:44

Parameter	Result	Qualifier Units	RL	MDL	
olatile Organics by GC/MS -	Westborough Lab	for sample(s):	06 Batch:	WG1584573-4	
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	

		Acceptance		
Surrogate	%Recovery	Qualifier Criteria		
Pentafluorobenzene	95	60-140		
Fluorobenzene	99	60-140		
4-Bromofluorobenzene	100	60-140		



Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Lab Number: L2168581

Report Date: 12/31/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	
Volatile Organics by GC/MS - Westborough	Lab Associated	sample(s):	01-05,07-09,17	Batch: \	NG1584120-3				
Methylene chloride	90		-		60-140	-		28	
1,1-Dichloroethane	95		-		50-150	-		49	
Chloroform	95		-		70-135	-		54	
Carbon tetrachloride	90		-		70-130	-		41	
1,2-Dichloropropane	100		-		35-165	-		55	
Dibromochloromethane	80		-		70-135	-		50	
1,1,2-Trichloroethane	85		-		70-130	-		45	
2-Chloroethylvinyl ether	110		-		1-225	-		71	
Tetrachloroethene	85		-		70-130	-		39	
Chlorobenzene	85		-		65-135	-		53	
Trichlorofluoromethane	95		-		50-150	-		84	
1,2-Dichloroethane	100		-		70-130	-		49	
1,1,1-Trichloroethane	95		-		70-130	-		36	
Bromodichloromethane	90		-		65-135	-		56	
trans-1,3-Dichloropropene	80		-		50-150	-		86	
cis-1,3-Dichloropropene	90		-		25-175	-		58	
Bromoform	75		-		70-130	-		42	
1,1,2,2-Tetrachloroethane	85		-		60-140	-		61	
Benzene	95		-		65-135	-		61	
Toluene	90		-		70-130	-		41	
Ethylbenzene	95		-		60-140	-		63	
Chloromethane	105		-		1-205	-		60	
Bromomethane	95		-		15-185	-		61	



Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Lab Number: L2168581

Report Date: 12/31/21

arameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	
olatile Organics by GC/MS - Westborough	Lab Associated	sample(s):	01-05,07-09,17	Batch: W	G1584120-3				
Vinyl chloride	90		-		5-195	-		66	
Chloroethane	90		-		40-160	-		78	
1,1-Dichloroethene	95		-		50-150	-		32	
trans-1,2-Dichloroethene	95		-		70-130	-		45	
cis-1,2-Dichloroethene	100		-		60-140	-		30	
Trichloroethene	90		-		65-135	-		48	
1,2-Dichlorobenzene	90		-		65-135	-		57	
1,3-Dichlorobenzene	90		-		70-130	-		43	
1,4-Dichlorobenzene	90		-		65-135	-		57	
p/m-Xylene	90		-		60-140	-		30	
o-xylene	85		-		60-140	-		30	
Styrene	85		-		60-140	-		30	
Acetone	108		-		40-160	-		30	
Carbon disulfide	90		-		60-140	-		30	
2-Butanone	100		-		60-140	-		30	
Vinyl acetate	80		-		60-140	-		30	
4-Methyl-2-pentanone	88		-		60-140	-		30	
2-Hexanone	90		-		60-140	-		30	
Acrolein	120		-		60-140	-		30	
Acrylonitrile	92		-		60-140	-		60	
Dibromomethane	95		-		70-130	-		30	



Project Name: T. DEWITT LANDFILL MONITORING

Lab Number:

L2168581

Project Number: 1128-2021-GW Report Date:

12/31/21

	LCS		LCSD		%Recovery			RPD
Parameter	%Recovery	Qual	%Recovery	Qual	Limits	RPD	Qual	Limits

Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05,07-09,17 Batch: WG1584120-3

Surrogate	LCS %Recovery Qual	LCSD %Recovery	Qual	Acceptance Criteria
Pentafluorobenzene	103			60-140
Fluorobenzene	105			60-140
4-Bromofluorobenzene	100			60-140



Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Lab Number: L2168581

Report Date: 12/31/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough L	_ab Associated	sample(s):	10-16 Batch: W	/G1584172-	3			
Methylene chloride	90		-		60-140	-		28
1,1-Dichloroethane	90		-		50-150	-		49
Chloroform	95		-		70-135	-		54
Carbon tetrachloride	90		-		70-130	-		41
1,2-Dichloropropane	95		-		35-165	-		55
Dibromochloromethane	95		-		70-135	-		50
1,1,2-Trichloroethane	90		-		70-130	-		45
2-Chloroethylvinyl ether	100		-		1-225	-		71
Tetrachloroethene	90		-		70-130	-		39
Chlorobenzene	90		-		65-135	-		53
Trichlorofluoromethane	75		-		50-150	-		84
1,2-Dichloroethane	100		-		70-130	-		49
1,1,1-Trichloroethane	90		-		70-130	-		36
Bromodichloromethane	95		-		65-135	-		56
trans-1,3-Dichloropropene	90		-		50-150	-		86
cis-1,3-Dichloropropene	95		-		25-175	-		58
Bromoform	90		-		70-130	-		42
1,1,2,2-Tetrachloroethane	105		-		60-140	-		61
Benzene	100		-		65-135	-		61
Toluene	100		-		70-130	-		41
Ethylbenzene	100		-		60-140	-		63
Chloromethane	80		-		1-205	-		60
Bromomethane	75		-		15-185	-		61



Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Lab Number: L2168581

Report Date: 12/31/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough I	_ab Associated	sample(s):	10-16 Batch: W	VG1584172-3				
Vinyl chloride	80		-		5-195	-		66
Chloroethane	90		-		40-160	-		78
1,1-Dichloroethene	90		-		50-150	-		32
trans-1,2-Dichloroethene	95		-		70-130	-		45
cis-1,2-Dichloroethene	95		-		60-140	-		30
Trichloroethene	90		-		65-135	-		48
1,2-Dichlorobenzene	100		-		65-135	-		57
1,3-Dichlorobenzene	90		-		70-130	-		43
1,4-Dichlorobenzene	95		-		65-135	-		57
p/m-Xylene	90		-		60-140	-		30
o-xylene	90		-		60-140	-		30
Styrene	90		-		60-140	-		30
Acetone	88		-		40-160	-		30
Carbon disulfide	90		-		60-140	-		30
2-Butanone	94		-		60-140	-		30
Vinyl acetate	68		-		60-140	-		30
4-Methyl-2-pentanone	100		-		60-140	-		30
2-Hexanone	92		-		60-140	-		30
Acrolein	170	Q	-		60-140	-		30
Acrylonitrile	95		-		60-140	-		60
Dibromomethane	90		-		70-130	-		30



Lab Control Sample Analysis

Project Name: T. DEWITT LANDFILL MONITORING

Batch Quality Control

Lab Number:

L2168581 12/31/21

Project Number: 1128-2021-GW

Report Date:

LCS LCSD %Recovery RPD Parameter %Recovery Qual %Recovery Qual Limits RPD Qual Limits

Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-16 Batch: WG1584172-3

Surrogate	LCS %Recovery Qual	LCSD %Recovery	Qual	Acceptance Criteria
Pentafluorobenzene	100			60-140
Fluorobenzene	99			60-140
4-Bromofluorobenzene	101			60-140



Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Lab Number: L2168581

Report Date: 12/31/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	
Volatile Organics by GC/MS - Westborough	Lab Associated	sample(s): 06	Batch: WG1	584573-3					
Methylene chloride	100		-		60-140	-		28	
1,1-Dichloroethane	115		-		50-150	-		49	
Chloroform	115		-		70-135	-		54	
Carbon tetrachloride	115		-		70-130	-		41	
1,2-Dichloropropane	115		-		35-165	-		55	
Dibromochloromethane	90		-		70-135	-		50	
1,1,2-Trichloroethane	95		-		70-130	-		45	
2-Chloroethylvinyl ether	95		-		1-225	-		71	
Tetrachloroethene	95		-		70-130	-		39	
Chlorobenzene	100		-		65-135	-		53	
Trichlorofluoromethane	125		-		50-150	-		84	
1,2-Dichloroethane	120		-		70-130	-		49	
1,1,1-Trichloroethane	115		-		70-130	-		36	
Bromodichloromethane	110		-		65-135	-		56	
trans-1,3-Dichloropropene	90		-		50-150	-		86	
cis-1,3-Dichloropropene	100		-		25-175	-		58	
Bromoform	85		-		70-130	-		42	
1,1,2,2-Tetrachloroethane	95		-		60-140	-		61	
Benzene	115		-		65-135	-		61	
Toluene	105		-		70-130	-		41	
Ethylbenzene	110		-		60-140	-		63	
Chloromethane	150		-		1-205	-		60	
Bromomethane	110		-		15-185	-		61	



Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Lab Number: L2168581

Report Date: 12/31/21

Parameter	LCS %Recovery	LCSD Qual %Recovery	%Recovery Qual Limits	RPD	RPD Qual Limits
Volatile Organics by GC/MS - Westborough L	ab Associated	sample(s): 06 Batch: WG	1584573-3		
Vinyl chloride	120	-	5-195	-	66
Chloroethane	110	-	40-160	-	78
1,1-Dichloroethene	115	-	50-150	-	32
trans-1,2-Dichloroethene	115	-	70-130	-	45
cis-1,2-Dichloroethene	115	-	60-140	-	30
Trichloroethene	115	-	65-135	-	48
1,2-Dichlorobenzene	100	-	65-135	-	57
1,3-Dichlorobenzene	100	-	70-130	-	43
1,4-Dichlorobenzene	105	•	65-135	-	57
p/m-Xylene	105	-	60-140	-	30
o-xylene	95	•	60-140	-	30
Styrene	100	-	60-140	-	30
Acetone	102	-	40-160	-	30
Carbon disulfide	120	-	60-140	-	30
2-Butanone	100	-	60-140	-	30
Vinyl acetate	75	-	60-140	-	30
4-Methyl-2-pentanone	86	-	60-140	-	30
2-Hexanone	90	-	60-140	-	30
Acrolein	120	-	60-140	-	30
Acrylonitrile	92	-	60-140	-	60
Dibromomethane	100		70-130	-	30



Project Name: T. DEWITT LANDFILL MONITORING

Lab Number: L2168581

Project Number: 1128-2021-GW

Report Date:

12/31/21

	LCS		LCSD		%Recovery			RPD
Parameter	%Recoverv	Qual	%Recovery	Qual	Limits	RPD	Qual	Limits

Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1584573-3

Surrogate	LCS %Recovery Qual	LCSD %Recovery Qual	Acceptance Criteria
Pentafluorobenzene	101		60-140
Fluorobenzene	105		60-140
4-Bromofluorobenzene	100		60-140

METALS



Project Name:T. DEWITT LANDFILL MONITORINGLab Number:L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-01 Date Collected: 12/13/21 11:25

Client ID: MW-1S Date Received: 12/14/21 Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

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	0.071	1	12/23/21 09:47	12/30/21 13:03	EPA 3005A	19,200.7	JC
Arsenic, Total	0.040	J	mg/l	0.050	0.019	1	12/23/21 09:47	12/30/21 13:03	EPA 3005A	19,200.7	JC
Beryllium, Total	ND		mg/l	0.050	0.009	1	12/23/21 09:47	12/30/21 13:03	EPA 3005A	19,200.7	JC
Cadmium, Total	ND		mg/l	0.050	0.010	1	12/23/21 09:47	12/30/21 13:03	EPA 3005A	19,200.7	JC
Chromium, Total	0.031	J	mg/l	0.100	0.021	1	12/23/21 09:47	12/30/21 13:03	EPA 3005A	19,200.7	JC
Copper, Total	0.092	J	mg/l	0.100	0.022	1	12/23/21 09:47	12/30/21 13:03	EPA 3005A	19,200.7	JC
Lead, Total	0.030	J	mg/l	0.100	0.027	1	12/23/21 09:47	12/30/21 13:03	EPA 3005A	19,200.7	JC
Mercury, Total	ND		mg/l	0.00100	0.00045	1	12/23/21 09:50	12/24/21 09:17	EPA 245.1	3,245.1	AC
Nickel, Total	0.052	J	mg/l	0.250	0.024	1	12/23/21 09:47	12/30/21 13:03	EPA 3005A	19,200.7	JC
Selenium, Total	ND		mg/l	0.100	0.035	1	12/23/21 09:47	12/30/21 13:03	EPA 3005A	19,200.7	JC
Silver, Total	ND		mg/l	0.070	0.028	1	12/23/21 09:47	12/30/21 13:03	EPA 3005A	19,200.7	JC
Thallium, Total	ND		mg/l	0.200	0.025	1	12/23/21 09:47	12/30/21 13:03	EPA 3005A	19,200.7	JC
Zinc, Total	0.133	J	mg/l	0.500	0.021	1	12/23/21 09:47	12/30/21 13:03	EPA 3005A	19,200.7	JC



Project Name:T. DEWITT LANDFILL MONITORINGLab Number:L2168581

Project Number: 1128-2021-GW **Report Date:** 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-02 Date Collected: 12/13/21 11:20

Client ID: MW-2S Date Received: 12/14/21 Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
- arameter	Nesuit	Qualifier	Offics	KL .	MIDE						Analyst
Total Metals - Mar	nsfield Lab										
Antimony, Total	ND		mg/l	0.050	0.007	1	12/23/21 09:47	12/30/21 13:08	EPA 3005A	19,200.7	JC
Arsenic, Total	0.002	J	mg/l	0.005	0.002	1	12/23/21 09:47	12/30/21 13:08	EPA 3005A	19,200.7	JC
Beryllium, Total	ND		mg/l	0.005	0.001	1	12/23/21 09:47	12/30/21 13:08	EPA 3005A	19,200.7	JC
Cadmium, Total	ND		mg/l	0.005	0.001	1	12/23/21 09:47	12/30/21 13:08	EPA 3005A	19,200.7	JC
Chromium, Total	0.002	J	mg/l	0.010	0.002	1	12/23/21 09:47	12/30/21 13:08	EPA 3005A	19,200.7	JC
Copper, Total	ND		mg/l	0.010	0.002	1	12/23/21 09:47	12/30/21 13:08	EPA 3005A	19,200.7	JC
Lead, Total	0.006	J	mg/l	0.010	0.003	1	12/23/21 09:47	12/30/21 13:08	EPA 3005A	19,200.7	JC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/23/21 09:50	12/24/21 09:34	EPA 245.1	3,245.1	AC
Nickel, Total	0.003	J	mg/l	0.025	0.002	1	12/23/21 09:47	12/30/21 13:08	EPA 3005A	19,200.7	JC
Selenium, Total	ND		mg/l	0.010	0.004	1	12/23/21 09:47	12/30/21 13:08	EPA 3005A	19,200.7	JC
Silver, Total	ND		mg/l	0.007	0.003	1	12/23/21 09:47	12/30/21 13:08	EPA 3005A	19,200.7	JC
Thallium, Total	ND		mg/l	0.020	0.003	1	12/23/21 09:47	12/30/21 13:08	EPA 3005A	19,200.7	JC
Zinc, Total	0.013	J	mg/l	0.050	0.002	1	12/23/21 09:47	12/30/21 13:08	EPA 3005A	19,200.7	JC



Project Name: Lab Number: T. DEWITT LANDFILL MONITORING L2168581

Project Number: Report Date: 1128-2021-GW 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-03

Date Collected: 12/13/21 11:00 Client ID: MW-2D Date Received: 12/14/21

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Man	sfield Lab										
Antimony, Total	ND		mg/l	0.050	0.007	1	12/23/21 09:47	12/30/21 13:13	EPA 3005A	19,200.7	JC
Arsenic, Total	0.004	J	mg/l	0.005	0.002	1	12/23/21 09:47	12/30/21 13:13	EPA 3005A	19,200.7	JC
Beryllium, Total	ND		mg/l	0.005	0.001	1	12/23/21 09:47	12/30/21 13:13	EPA 3005A	19,200.7	JC
Cadmium, Total	ND		mg/l	0.005	0.001	1	12/23/21 09:47	12/30/21 13:13	EPA 3005A	19,200.7	JC
Chromium, Total	0.014		mg/l	0.010	0.002	1	12/23/21 09:47	12/30/21 13:13	EPA 3005A	19,200.7	JC
Copper, Total	0.004	J	mg/l	0.010	0.002	1	12/23/21 09:47	12/30/21 13:13	EPA 3005A	19,200.7	JC
Lead, Total	0.010		mg/l	0.010	0.003	1	12/23/21 09:47	12/30/21 13:13	EPA 3005A	19,200.7	JC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/23/21 09:50	12/24/21 09:54	EPA 245.1	3,245.1	AC
Nickel, Total	0.008	J	mg/l	0.025	0.002	1	12/23/21 09:47	12/30/21 13:13	EPA 3005A	19,200.7	JC
Selenium, Total	ND		mg/l	0.010	0.004	1	12/23/21 09:47	12/30/21 13:13	EPA 3005A	19,200.7	JC
Silver, Total	ND		mg/l	0.007	0.003	1	12/23/21 09:47	12/30/21 13:13	EPA 3005A	19,200.7	JC
Thallium, Total	ND		mg/l	0.020	0.003	1	12/23/21 09:47	12/30/21 13:13	EPA 3005A	19,200.7	JC
Zinc, Total	0.049	J	mg/l	0.050	0.002	1	12/23/21 09:47	12/30/21 13:13	EPA 3005A	19,200.7	JC
,							,,_,				



12/13/21 13:30

Date Collected:

Project Name:T. DEWITT LANDFILL MONITORINGLab Number:L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-04

Client ID: MW-3S Date Received: 12/14/21

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

Sample Depth:

Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
field Lab										
ND		mg/l	0.500	0.071	1	12/23/21 09:47	12/30/21 13:50	EPA 3005A	19,200.7	JC
0.284		mg/l	0.050	0.019	1	12/23/21 09:47	12/30/21 13:50	EPA 3005A	19,200.7	JC
ND		mg/l	0.050	0.009	1	12/23/21 09:47	12/30/21 13:50	EPA 3005A	19,200.7	JC
ND		mg/l	0.050	0.010	1	12/23/21 09:47	12/30/21 13:50	EPA 3005A	19,200.7	JC
0.027	J	mg/l	0.100	0.021	1	12/23/21 09:47	12/30/21 13:50	EPA 3005A	19,200.7	JC
0.031	J	mg/l	0.100	0.022	1	12/23/21 09:47	12/30/21 13:50	EPA 3005A	19,200.7	JC
0.072	J	mg/l	0.100	0.027	1	12/23/21 09:47	12/30/21 13:50	EPA 3005A	19,200.7	JC
ND		mg/l	0.00100	0.00045	1	12/23/21 09:50	12/24/21 09:57	EPA 245.1	3,245.1	AC
0.040	J	mg/l	0.250	0.024	1	12/23/21 09:47	12/30/21 13:50	EPA 3005A	19,200.7	JC
ND		mg/l	0.100	0.035	1	12/23/21 09:47	12/30/21 13:50	EPA 3005A	19,200.7	JC
ND		mg/l	0.070	0.028	1	12/23/21 09:47	12/30/21 13:50	EPA 3005A	19,200.7	JC
ND		mg/l	0.200	0.025	1	12/23/21 09:47	12/30/21 13:50	EPA 3005A	19,200.7	JC
0.141	J	mg/l	0.500	0.021	1	12/23/21 09:47	12/30/21 13:50	EPA 3005A	19,200.7	JC
	ND 0.284 ND ND 0.027 0.031 0.072 ND 0.040 ND ND ND	field Lab ND 0.284 ND ND 0.027 0.031 0.072 J ND 0.040 ND ND ND ND	field Lab ND mg/l 0.284 mg/l ND mg/l ND mg/l 0.027 J mg/l 0.031 J mg/l ND mg/l	field Lab ND mg/l 0.500 0.284 mg/l 0.050 ND mg/l 0.050 ND mg/l 0.050 0.027 J mg/l 0.100 0.031 J mg/l 0.100 ND mg/l 0.00100 ND mg/l 0.250 ND mg/l 0.100 ND mg/l 0.070 ND mg/l 0.070 ND mg/l 0.200	field Lab ND mg/l 0.500 0.071 0.284 mg/l 0.050 0.019 ND mg/l 0.050 0.009 ND mg/l 0.050 0.010 0.027 J mg/l 0.100 0.021 0.031 J mg/l 0.100 0.022 0.072 J mg/l 0.100 0.027 ND mg/l 0.00100 0.00045 0.040 J mg/l 0.100 0.035 ND mg/l 0.100 0.028 ND mg/l 0.200 0.025	Result Qualifier Units RL MDL Factor field Lab ND mg/l 0.500 0.071 1 0.284 mg/l 0.050 0.019 1 ND mg/l 0.050 0.009 1 ND mg/l 0.050 0.010 1 0.027 J mg/l 0.100 0.021 1 0.031 J mg/l 0.100 0.022 1 ND mg/l 0.00100 0.0045 1 ND mg/l 0.00100 0.0045 1 ND mg/l 0.100 0.035 1 ND mg/l 0.070 0.028 1 ND mg/l 0.070 0.025 1	Result Qualifier Units RL MDL Factor Prepared field Lab ND mg/l 0.500 0.071 1 12/23/21 09:47 0.284 mg/l 0.050 0.019 1 12/23/21 09:47 ND mg/l 0.050 0.009 1 12/23/21 09:47 ND mg/l 0.050 0.010 1 12/23/21 09:47 0.027 J mg/l 0.100 0.021 1 12/23/21 09:47 0.072 J mg/l 0.100 0.022 1 12/23/21 09:47 ND mg/l 0.00100 0.00045 1 12/23/21 09:47 ND mg/l 0.250 0.024 1 12/23/21 09:47 ND mg/l 0.100 0.035 1 12/23/21 09:47 ND mg/l 0.070 0.028 1 12/23/21 09:47 ND mg/l 0.070 0.028 1 12/23/21 09:47 ND </td <td>Result Qualifier Units RL MDL Factor Prepared Analyzed field Lab ND mg/l 0.500 0.071 1 12/23/21 09:47 12/30/21 13:50 0.284 mg/l 0.050 0.019 1 12/23/21 09:47 12/30/21 13:50 ND mg/l 0.050 0.009 1 12/23/21 09:47 12/30/21 13:50 ND mg/l 0.050 0.010 1 12/23/21 09:47 12/30/21 13:50 0.027 J mg/l 0.100 0.021 1 12/23/21 09:47 12/30/21 13:50 0.031 J mg/l 0.100 0.022 1 12/23/21 09:47 12/30/21 13:50 0.072 J mg/l 0.100 0.027 1 12/23/21 09:47 12/30/21 13:50 ND mg/l 0.00100 0.0045 1 12/23/21 09:47 12/30/21 13:50 ND mg/l 0.250 0.024 1 12/23/21 09:47 12/30/21 13:50 ND mg/l 0.100 0.035 1 12/23/21 09:47 12/30/21 13:50<!--</td--><td>Result Qualifier Units RL MDL Factor Prepared Analyzed Method field Lab ND mg/l 0.500 0.071 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A 0.284 mg/l 0.050 0.019 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A ND mg/l 0.050 0.009 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A ND mg/l 0.050 0.010 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A 0.027 J mg/l 0.100 0.021 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A 0.031 J mg/l 0.100 0.022 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A ND mg/l 0.0100 0.027 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A ND mg/l 0.00100 0.0045 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A ND mg/l 0.100 0.035 1<td>Result Qualifier Units RL MDL Factor Prepared Analyzed Method Method field Lab ND mg/l 0.500 0.071 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A 19,200.7 0.284 mg/l 0.050 0.019 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A 19,200.7 ND mg/l 0.050 0.010 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A 19,200.7 ND mg/l 0.050 0.010 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A 19,200.7 0.027 J mg/l 0.100 0.021 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A 19,200.7 0.031 J mg/l 0.100 0.022 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A 19,200.7 ND mg/l 0.00100 0.024 1 12/23/21 09:47 12/30/21 13:50 EPA 245.1 3,245.1 0.040 J mg/l 0.250</td></td></td>	Result Qualifier Units RL MDL Factor Prepared Analyzed field Lab ND mg/l 0.500 0.071 1 12/23/21 09:47 12/30/21 13:50 0.284 mg/l 0.050 0.019 1 12/23/21 09:47 12/30/21 13:50 ND mg/l 0.050 0.009 1 12/23/21 09:47 12/30/21 13:50 ND mg/l 0.050 0.010 1 12/23/21 09:47 12/30/21 13:50 0.027 J mg/l 0.100 0.021 1 12/23/21 09:47 12/30/21 13:50 0.031 J mg/l 0.100 0.022 1 12/23/21 09:47 12/30/21 13:50 0.072 J mg/l 0.100 0.027 1 12/23/21 09:47 12/30/21 13:50 ND mg/l 0.00100 0.0045 1 12/23/21 09:47 12/30/21 13:50 ND mg/l 0.250 0.024 1 12/23/21 09:47 12/30/21 13:50 ND mg/l 0.100 0.035 1 12/23/21 09:47 12/30/21 13:50 </td <td>Result Qualifier Units RL MDL Factor Prepared Analyzed Method field Lab ND 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0.022 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A 19,200.7 ND mg/l 0.00100 0.024 1 12/23/21 09:47 12/30/21 13:50 EPA 245.1 3,245.1 0.040 J mg/l 0.250</td></td>	Result Qualifier Units RL MDL Factor Prepared Analyzed Method field Lab ND mg/l 0.500 0.071 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A 0.284 mg/l 0.050 0.019 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A ND mg/l 0.050 0.009 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A ND mg/l 0.050 0.010 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A 0.027 J mg/l 0.100 0.021 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A 0.031 J mg/l 0.100 0.022 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A ND mg/l 0.0100 0.027 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A ND mg/l 0.00100 0.0045 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A ND mg/l 0.100 0.035 1 <td>Result Qualifier Units RL MDL Factor Prepared Analyzed Method Method field Lab ND mg/l 0.500 0.071 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A 19,200.7 0.284 mg/l 0.050 0.019 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A 19,200.7 ND mg/l 0.050 0.010 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A 19,200.7 ND mg/l 0.050 0.010 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A 19,200.7 0.027 J mg/l 0.100 0.021 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A 19,200.7 0.031 J mg/l 0.100 0.022 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A 19,200.7 ND mg/l 0.00100 0.024 1 12/23/21 09:47 12/30/21 13:50 EPA 245.1 3,245.1 0.040 J mg/l 0.250</td>	Result Qualifier Units RL MDL Factor Prepared Analyzed Method Method field Lab ND mg/l 0.500 0.071 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A 19,200.7 0.284 mg/l 0.050 0.019 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A 19,200.7 ND mg/l 0.050 0.010 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A 19,200.7 ND mg/l 0.050 0.010 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A 19,200.7 0.027 J mg/l 0.100 0.021 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A 19,200.7 0.031 J mg/l 0.100 0.022 1 12/23/21 09:47 12/30/21 13:50 EPA 3005A 19,200.7 ND mg/l 0.00100 0.024 1 12/23/21 09:47 12/30/21 13:50 EPA 245.1 3,245.1 0.040 J mg/l 0.250



Project Name: Lab Number: T. DEWITT LANDFILL MONITORING L2168581

Project Number: Report Date: 1128-2021-GW 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-05

Date Collected: 12/13/21 13:07 12/14/21 Client ID: MW-4S Date Received:

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mans	field Lab										
Antimony, Total	ND		mg/l	0.050	0.007	1	12/23/21 09:47	12/30/21 13:55	EPA 3005A	19,200.7	JC
Arsenic, Total	0.010		mg/l	0.005	0.002	1	12/23/21 09:47	12/30/21 13:55	EPA 3005A	19,200.7	JC
Beryllium, Total	ND		mg/l	0.005	0.001	1	12/23/21 09:47	12/30/21 13:55	EPA 3005A	19,200.7	JC
Cadmium, Total	ND		mg/l	0.005	0.001	1	12/23/21 09:47	12/30/21 13:55	EPA 3005A	19,200.7	JC
Chromium, Total	0.004	J	mg/l	0.010	0.002	1	12/23/21 09:47	12/30/21 13:55	EPA 3005A	19,200.7	JC
Copper, Total	0.005	J	mg/l	0.010	0.002	1	12/23/21 09:47	12/30/21 13:55	EPA 3005A	19,200.7	JC
Lead, Total	0.009	J	mg/l	0.010	0.003	1	12/23/21 09:47	12/30/21 13:55	EPA 3005A	19,200.7	JC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/23/21 09:50	12/24/21 10:00	EPA 245.1	3,245.1	AC
Nickel, Total	0.004	J	mg/l	0.025	0.002	1	12/23/21 09:47	12/30/21 13:55	EPA 3005A	19,200.7	JC
Selenium, Total	ND		mg/l	0.010	0.004	1	12/23/21 09:47	12/30/21 13:55	EPA 3005A	19,200.7	JC
Silver, Total	ND		mg/l	0.007	0.003	1	12/23/21 09:47	12/30/21 13:55	EPA 3005A	19,200.7	JC
Thallium, Total	ND		mg/l	0.020	0.003	1	12/23/21 09:47	12/30/21 13:55	EPA 3005A	19,200.7	JC
Zinc, Total	0.018	J	mg/l	0.050	0.002	1	12/23/21 09:47	12/30/21 13:55	EPA 3005A	19,200.7	JC



Project Name:T. DEWITT LANDFILL MONITORINGLab Number:L2168581

Project Number: 1128-2021-GW **Report Date:** 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-06 Date Collected: 12/13/21 13:15

Client ID: MW-4D Date Received: 12/14/21
Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mans	field Lab										
Antimony, Total	ND		mg/l	0.050	0.007	1	12/23/21 09:47	12/30/21 14:00	EPA 3005A	19,200.7	JC
Arsenic, Total	0.005		mg/l	0.005	0.002	1	12/23/21 09:47	12/30/21 14:00	EPA 3005A	19,200.7	JC
Beryllium, Total	ND		mg/l	0.005	0.001	1	12/23/21 09:47	12/30/21 14:00	EPA 3005A	19,200.7	JC
Cadmium, Total	ND		mg/l	0.005	0.001	1	12/23/21 09:47	12/30/21 14:00	EPA 3005A	19,200.7	JC
Chromium, Total	ND		mg/l	0.010	0.002	1	12/23/21 09:47	12/30/21 14:00	EPA 3005A	19,200.7	JC
Copper, Total	ND		mg/l	0.010	0.002	1	12/23/21 09:47	12/30/21 14:00	EPA 3005A	19,200.7	JC
Lead, Total	0.010		mg/l	0.010	0.003	1	12/23/21 09:47	12/30/21 14:00	EPA 3005A	19,200.7	JC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/23/21 09:50	12/24/21 10:10	EPA 245.1	3,245.1	AC
Nickel, Total	ND		mg/l	0.025	0.002	1	12/23/21 09:47	12/30/21 14:00	EPA 3005A	19,200.7	JC
Selenium, Total	ND		mg/l	0.010	0.004	1	12/23/21 09:47	12/30/21 14:00	EPA 3005A	19,200.7	JC
Silver, Total	ND		mg/l	0.007	0.003	1	12/23/21 09:47	12/30/21 14:00	EPA 3005A	19,200.7	JC
Thallium, Total	ND		mg/l	0.020	0.003	1	12/23/21 09:47	12/30/21 14:00	EPA 3005A	19,200.7	JC
Zinc, Total	0.018	J	mg/l	0.050	0.002	1	12/23/21 09:47	12/30/21 14:00	EPA 3005A	19,200.7	JC



Project Name: Lab Number: T. DEWITT LANDFILL MONITORING L2168581

Project Number: Report Date: 1128-2021-GW 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-07

Date Collected: 12/13/21 11:55 Client ID: MW-6S Date Received: 12/14/21

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

Sample Depth:

Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
1	12/23/21 09:47	12/30/21 14:05	EPA 3005A	19,200.7	JC
1	12/23/21 09:47	12/30/21 14:05	EPA 3005A	19,200.7	JC
1	12/23/21 09:47	12/30/21 14:05	EPA 3005A	19,200.7	JC
1	12/23/21 09:47	12/30/21 14:05	EPA 3005A	19,200.7	JC
1	12/23/21 09:47	12/30/21 14:05	EPA 3005A	19,200.7	JC
1	12/23/21 09:47	12/30/21 14:05	EPA 3005A	19,200.7	JC
1	12/23/21 09:47	12/30/21 14:05	EPA 3005A	19,200.7	JC
1	12/23/21 09:50	12/24/21 10:14	EPA 245.1	3,245.1	AC
1	12/23/21 09:47	12/30/21 14:05	EPA 3005A	19,200.7	JC
1	12/23/21 09:47	12/30/21 14:05	EPA 3005A	19,200.7	JC
1	12/23/21 09:47	12/30/21 14:05	EPA 3005A	19,200.7	JC
1	12/23/21 09:47	12/30/21 14:05	EPA 3005A	19,200.7	JC
1	12/23/21 09:47	12/30/21 14:05	EPA 3005A	19,200.7	JC
	1 1 1 1 1 1 1 1 1 1	1 12/23/21 09:47 1 12/23/21 09:47	1 12/23/21 09:47 12/30/21 14:05 1 12/23/21 09:47 12/30/21 14:05 1 12/23/21 09:47 12/30/21 14:05 1 12/23/21 09:47 12/30/21 14:05 1 12/23/21 09:47 12/30/21 14:05 1 12/23/21 09:47 12/30/21 14:05 1 12/23/21 09:47 12/30/21 14:05 1 12/23/21 09:47 12/30/21 14:05 1 12/23/21 09:47 12/30/21 14:05 1 12/23/21 09:47 12/30/21 14:05 1 12/23/21 09:47 12/30/21 14:05 1 12/23/21 09:47 12/30/21 14:05 1 12/23/21 09:47 12/30/21 14:05	1 12/23/21 09:47 12/30/21 14:05 EPA 3005A 1 12/23/21 09:47 12/30/21 14:05 EPA 3005A	1 12/23/21 09:47 12/30/21 14:05 EPA 3005A 19,200.7 1 12/23/21 09:47 12/30/21 14:05 EPA 3005A 19,200.7



Project Name:T. DEWITT LANDFILL MONITORINGLab Number:L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

SAMPLE RESULTS

 Lab ID:
 L2168581-08
 Date Collected:
 12/13/21 09:32

 Client ID:
 NMW-7S
 Date Received:
 12/14/21

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mar	sfield Lab										
Antimony, Total	ND		mg/l	0.050	0.007	1	12/23/21 09:47	12/30/21 14:10	EPA 3005A	19,200.7	JC
Arsenic, Total	ND		mg/l	0.005	0.002	1	12/23/21 09:47	12/30/21 14:10	EPA 3005A	19,200.7	JC
Beryllium, Total	ND		mg/l	0.005	0.001	1	12/23/21 09:47	12/30/21 14:10	EPA 3005A	19,200.7	JC
Cadmium, Total	ND		mg/l	0.005	0.001	1	12/23/21 09:47	12/30/21 14:10	EPA 3005A	19,200.7	JC
Chromium, Total	0.015		mg/l	0.010	0.002	1	12/23/21 09:47	12/30/21 14:10	EPA 3005A	19,200.7	JC
Copper, Total	0.007	J	mg/l	0.010	0.002	1	12/23/21 09:47	12/30/21 14:10	EPA 3005A	19,200.7	JC
Lead, Total	0.007	J	mg/l	0.010	0.003	1	12/23/21 09:47	12/30/21 14:10	EPA 3005A	19,200.7	JC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/23/21 09:50	12/24/21 10:17	EPA 245.1	3,245.1	AC
Nickel, Total	0.005	J	mg/l	0.025	0.002	1	12/23/21 09:47	12/30/21 14:10	EPA 3005A	19,200.7	JC
Selenium, Total	ND		mg/l	0.010	0.004	1	12/23/21 09:47	12/30/21 14:10	EPA 3005A	19,200.7	JC
Silver, Total	ND		mg/l	0.007	0.003	1	12/23/21 09:47	12/30/21 14:10	EPA 3005A	19,200.7	JC
Thallium, Total	ND		mg/l	0.020	0.003	1	12/23/21 09:47	12/30/21 14:10	EPA 3005A	19,200.7	JC
Zinc, Total	0.020	J	mg/l	0.050	0.002	1	12/23/21 09:47	12/30/21 14:10	EPA 3005A	19,200.7	JC



Project Name: Lab Number: T. DEWITT LANDFILL MONITORING L2168581

Project Number: Report Date: 1128-2021-GW 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-09

Date Collected: 12/13/21 15:35 Client ID: MW-8S Date Received: 12/14/21

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mans	sfield Lab										
Antimony, Total	ND		mg/l	0.050	0.007	1	12/23/21 09:47	12/30/21 14:15	EPA 3005A	19,200.7	JC
Arsenic, Total	0.009		mg/l	0.005	0.002	1	12/23/21 09:47	12/30/21 14:15	EPA 3005A	19,200.7	JC
Beryllium, Total	ND		mg/l	0.005	0.001	1	12/23/21 09:47	12/30/21 14:15	EPA 3005A	19,200.7	JC
Cadmium, Total	ND		mg/l	0.005	0.001	1	12/23/21 09:47	12/30/21 14:15	EPA 3005A	19,200.7	JC
Chromium, Total	ND		mg/l	0.010	0.002	1	12/23/21 09:47	12/30/21 14:15	EPA 3005A	19,200.7	JC
Copper, Total	ND		mg/l	0.010	0.002	1	12/23/21 09:47	12/30/21 14:15	EPA 3005A	19,200.7	JC
Lead, Total	0.004	J	mg/l	0.010	0.003	1	12/23/21 09:47	12/30/21 14:15	EPA 3005A	19,200.7	JC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/23/21 09:50	12/24/21 10:20	EPA 245.1	3,245.1	AC
Nickel, Total	ND		mg/l	0.025	0.002	1	12/23/21 09:47	12/30/21 14:15	EPA 3005A	19,200.7	JC
Selenium, Total	ND		mg/l	0.010	0.004	1	12/23/21 09:47	12/30/21 14:15	EPA 3005A	19,200.7	JC
Silver, Total	ND		mg/l	0.007	0.003	1	12/23/21 09:47	12/30/21 14:15	EPA 3005A	19,200.7	JC
Thallium, Total	ND		mg/l	0.020	0.003	1	12/23/21 09:47	12/30/21 14:15	EPA 3005A	19,200.7	JC
Zinc, Total	0.010	J	mg/l	0.050	0.002	1	12/23/21 09:47	12/30/21 14:15	EPA 3005A	19,200.7	JC



Project Name:T. DEWITT LANDFILL MONITORINGLab Number:L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-10 Date Collected: 12/13/21 15:20

Client ID: MW-8D Date Received: 12/14/21
Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mar	nsfield Lab										
Antimony, Total	ND		mg/l	0.050	0.007	1	12/23/21 09:47	12/30/21 14:20	EPA 3005A	19,200.7	JC
Arsenic, Total	0.026		mg/l	0.005	0.002	1	12/23/21 09:47	12/30/21 14:20	EPA 3005A	19,200.7	JC
Beryllium, Total	ND		mg/l	0.005	0.001	1	12/23/21 09:47	12/30/21 14:20	EPA 3005A	19,200.7	JC
Cadmium, Total	ND		mg/l	0.005	0.001	1	12/23/21 09:47	12/30/21 14:20	EPA 3005A	19,200.7	JC
Chromium, Total	ND		mg/l	0.010	0.002	1	12/23/21 09:47	12/30/21 14:20	EPA 3005A	19,200.7	JC
Copper, Total	ND		mg/l	0.010	0.002	1	12/23/21 09:47	12/30/21 14:20	EPA 3005A	19,200.7	JC
Lead, Total	0.006	J	mg/l	0.010	0.003	1	12/23/21 09:47	12/30/21 14:20	EPA 3005A	19,200.7	JC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/23/21 09:50	12/24/21 10:24	EPA 245.1	3,245.1	AC
Nickel, Total	ND		mg/l	0.025	0.002	1	12/23/21 09:47	12/30/21 14:20	EPA 3005A	19,200.7	JC
Selenium, Total	ND		mg/l	0.010	0.004	1	12/23/21 09:47	12/30/21 14:20	EPA 3005A	19,200.7	JC
Silver, Total	ND		mg/l	0.007	0.003	1	12/23/21 09:47	12/30/21 14:20	EPA 3005A	19,200.7	JC
Thallium, Total	ND		mg/l	0.020	0.003	1	12/23/21 09:47	12/30/21 14:20	EPA 3005A	19,200.7	JC
Zinc, Total	0.022	J	mg/l	0.050	0.002	1	12/23/21 09:47	12/30/21 14:20	EPA 3005A	19,200.7	JC



Project Name: Lab Number: T. DEWITT LANDFILL MONITORING L2168581

Project Number: Report Date: 1128-2021-GW 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-11

Date Collected: 12/13/21 14:45 Client ID: MW-9S Date Received: 12/14/21

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mans	sfield Lab										
Antimony, Total	ND		mg/l	0.050	0.007	1	12/23/21 09:47	12/30/21 14:25	EPA 3005A	19,200.7	JC
Arsenic, Total	0.039		mg/l	0.005	0.002	1	12/23/21 09:47	12/30/21 14:25	EPA 3005A	19,200.7	JC
Beryllium, Total	ND		mg/l	0.005	0.001	1	12/23/21 09:47	12/30/21 14:25	EPA 3005A	19,200.7	JC
Cadmium, Total	ND		mg/l	0.005	0.001	1	12/23/21 09:47	12/30/21 14:25	EPA 3005A	19,200.7	JC
Chromium, Total	ND		mg/l	0.010	0.002	1	12/23/21 09:47	12/30/21 14:25	EPA 3005A	19,200.7	JC
Copper, Total	0.005	J	mg/l	0.010	0.002	1	12/23/21 09:47	12/30/21 14:25	EPA 3005A	19,200.7	JC
Lead, Total	0.006	J	mg/l	0.010	0.003	1	12/23/21 09:47	12/30/21 14:25	EPA 3005A	19,200.7	JC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/23/21 09:50	12/24/21 10:27	EPA 245.1	3,245.1	AC
Nickel, Total	0.015	J	mg/l	0.025	0.002	1	12/23/21 09:47	12/30/21 14:25	EPA 3005A	19,200.7	JC
Selenium, Total	ND		mg/l	0.010	0.004	1	12/23/21 09:47	12/30/21 14:25	EPA 3005A	19,200.7	JC
Silver, Total	ND		mg/l	0.007	0.003	1	12/23/21 09:47	12/30/21 14:25	EPA 3005A	19,200.7	JC
Thallium, Total	ND		mg/l	0.020	0.003	1	12/23/21 09:47	12/30/21 14:25	EPA 3005A	19,200.7	JC
Zinc, Total	0.035	J	mg/l	0.050	0.002	1	12/23/21 09:47	12/30/21 14:25	EPA 3005A	19,200.7	JC



Project Name:T. DEWITT LANDFILL MONITORINGLab Number:L2168581

Project Number: 1128-2021-GW **Report Date:** 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-12 Date Collected: 12/13/21 15:10

Client ID: MW-9M Date Received: 12/14/21
Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mans	sfield Lab										
Antimony, Total	ND		mg/l	0.050	0.007	1	12/23/21 09:47	12/30/21 14:29	EPA 3005A	19,200.7	JC
Arsenic, Total	0.050		mg/l	0.005	0.002	1	12/23/21 09:47	12/30/21 14:29	EPA 3005A	19,200.7	JC
Beryllium, Total	ND		mg/l	0.005	0.001	1	12/23/21 09:47	12/30/21 14:29	EPA 3005A	19,200.7	JC
Cadmium, Total	ND		mg/l	0.005	0.001	1	12/23/21 09:47	12/30/21 14:29	EPA 3005A	19,200.7	JC
Chromium, Total	ND		mg/l	0.010	0.002	1	12/23/21 09:47	12/30/21 14:29	EPA 3005A	19,200.7	JC
Copper, Total	ND		mg/l	0.010	0.002	1	12/23/21 09:47	12/30/21 14:29	EPA 3005A	19,200.7	JC
Lead, Total	0.005	J	mg/l	0.010	0.003	1	12/23/21 09:47	12/30/21 14:29	EPA 3005A	19,200.7	JC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/23/21 09:50	12/24/21 10:30	EPA 245.1	3,245.1	AC
Nickel, Total	0.018	J	mg/l	0.025	0.002	1	12/23/21 09:47	12/30/21 14:29	EPA 3005A	19,200.7	JC
Selenium, Total	ND		mg/l	0.010	0.004	1	12/23/21 09:47	12/30/21 14:29	EPA 3005A	19,200.7	JC
Silver, Total	ND		mg/l	0.007	0.003	1	12/23/21 09:47	12/30/21 14:29	EPA 3005A	19,200.7	JC
Thallium, Total	ND		mg/l	0.020	0.003	1	12/23/21 09:47	12/30/21 14:29	EPA 3005A	19,200.7	JC
Zinc, Total	0.044	J	mg/l	0.050	0.002	1	12/23/21 09:47	12/30/21 14:29	EPA 3005A	19,200.7	JC



Project Name: Lab Number: T. DEWITT LANDFILL MONITORING L2168581

Project Number: Report Date: 1128-2021-GW 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-13

Date Collected: 12/13/21 14:30 Client ID: MW-9D Date Received: 12/14/21

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mans	field Lab										
Antimony, Total	ND		mg/l	0.250	0.036	5	12/23/21 09:47	12/30/21 16:10	EPA 3005A	19,200.7	JC
Arsenic, Total	ND		mg/l	0.025	0.010	5	12/23/21 09:47	12/30/21 16:10	EPA 3005A	19,200.7	JC
Beryllium, Total	ND		mg/l	0.025	0.005	5	12/23/21 09:47	12/30/21 16:10	EPA 3005A	19,200.7	JC
Cadmium, Total	ND		mg/l	0.025	0.005	5	12/23/21 09:47	12/30/21 16:10	EPA 3005A	19,200.7	JC
Chromium, Total	2.57		mg/l	0.050	0.011	5	12/23/21 09:47	12/30/21 16:10	EPA 3005A	19,200.7	JC
Copper, Total	0.091		mg/l	0.050	0.011	5	12/23/21 09:47	12/30/21 16:10	EPA 3005A	19,200.7	JC
Lead, Total	0.089		mg/l	0.050	0.014	5	12/23/21 09:47	12/30/21 16:10	EPA 3005A	19,200.7	JC
Mercury, Total	ND		mg/l	0.00100	0.00045	5 1	12/23/21 09:50	12/24/21 10:34	EPA 245.1	3,245.1	AC
Nickel, Total	1.33		mg/l	0.125	0.012	5	12/23/21 09:47	12/30/21 16:10	EPA 3005A	19,200.7	JC
Selenium, Total	0.020	J	mg/l	0.050	0.018	5	12/23/21 09:47	12/30/21 16:10	EPA 3005A	19,200.7	JC
Silver, Total	ND		mg/l	0.035	0.014	5	12/23/21 09:47	12/30/21 16:10	EPA 3005A	19,200.7	JC
Thallium, Total	ND		mg/l	0.100	0.013	5	12/23/21 09:47	12/30/21 16:10	EPA 3005A	19,200.7	JC
Zinc, Total	0.142	J	mg/l	0.250	0.011	5	12/23/21 09:47	12/30/21 16:10	EPA 3005A	19,200.7	JC



Project Name:T. DEWITT LANDFILL MONITORINGLab Number:L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

SAMPLE RESULTS

 Lab ID:
 L2168581-14
 Date Collected:
 12/13/21 10:15

 Client ID:
 MW-10S
 Date Received:
 12/14/21

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mans	field Lab										
Antimony, Total	ND		mg/l	0.050	0.007	1	12/23/21 09:47	12/30/21 15:05	EPA 3005A	19,200.7	JC
Arsenic, Total	0.004	J	mg/l	0.005	0.002	1	12/23/21 09:47	12/30/21 15:05	EPA 3005A	19,200.7	JC
Beryllium, Total	ND		mg/l	0.005	0.001	1	12/23/21 09:47	12/30/21 15:05	EPA 3005A	19,200.7	JC
Cadmium, Total	ND		mg/l	0.005	0.001	1	12/23/21 09:47	12/30/21 15:05	EPA 3005A	19,200.7	JC
Chromium, Total	0.192		mg/l	0.010	0.002	1	12/23/21 09:47	12/30/21 15:05	EPA 3005A	19,200.7	JC
Copper, Total	0.033		mg/l	0.010	0.002	1	12/23/21 09:47	12/30/21 15:05	EPA 3005A	19,200.7	JC
Lead, Total	0.014		mg/l	0.010	0.003	1	12/23/21 09:47	12/30/21 15:05	EPA 3005A	19,200.7	JC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/23/21 09:50	12/24/21 10:37	EPA 245.1	3,245.1	AC
Nickel, Total	0.019	J	mg/l	0.025	0.002	1	12/23/21 09:47	12/30/21 15:05	EPA 3005A	19,200.7	JC
Selenium, Total	ND		mg/l	0.010	0.004	1	12/23/21 09:47	12/30/21 15:05	EPA 3005A	19,200.7	JC
Silver, Total	ND		mg/l	0.007	0.003	1	12/23/21 09:47	12/30/21 15:05	EPA 3005A	19,200.7	JC
Thallium, Total	ND		mg/l	0.020	0.003	1	12/23/21 09:47	12/30/21 15:05	EPA 3005A	19,200.7	JC
Zinc, Total	0.238		mg/l	0.050	0.002	1	12/23/21 09:47	12/30/21 15:05	EPA 3005A	19,200.7	JC



Project Name:T. DEWITT LANDFILL MONITORINGLab Number:L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

SAMPLE RESULTS

 Lab ID:
 L2168581-15
 Date Collected:
 12/13/21 11:05

 Client ID:
 MW-11D
 Date Received:
 12/14/21

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Man	sfield Lab										
Antimony, Total	ND		mg/l	0.500	0.071	1	12/23/21 09:47	12/30/21 15:10	EPA 3005A	19,200.7	JC
Arsenic, Total	0.034	J	mg/l	0.050	0.019	1	12/23/21 09:47	12/30/21 15:10	EPA 3005A	19,200.7	JC
Beryllium, Total	ND		mg/l	0.050	0.009	1	12/23/21 09:47	12/30/21 15:10	EPA 3005A	19,200.7	JC
Cadmium, Total	ND		mg/l	0.050	0.010	1	12/23/21 09:47	12/30/21 15:10	EPA 3005A	19,200.7	JC
Chromium, Total	4.23		mg/l	0.100	0.021	1	12/23/21 09:47	12/30/21 15:10	EPA 3005A	19,200.7	JC
Copper, Total	0.092	J	mg/l	0.100	0.022	1	12/23/21 09:47	12/30/21 15:10	EPA 3005A	19,200.7	JC
Lead, Total	0.068	J	mg/l	0.100	0.027	1	12/23/21 09:47	12/30/21 15:10	EPA 3005A	19,200.7	JC
Mercury, Total	ND		mg/l	0.00100	0.00045	1	12/23/21 09:50	12/24/21 10:40	EPA 245.1	3,245.1	AC
Nickel, Total	0.669		mg/l	0.250	0.024	1	12/23/21 09:47	12/30/21 15:10	EPA 3005A	19,200.7	JC
Selenium, Total	ND		mg/l	0.100	0.035	1	12/23/21 09:47	12/30/21 15:10	EPA 3005A	19,200.7	JC
Silver, Total	ND		mg/l	0.070	0.028	1	12/23/21 09:47	12/30/21 15:10	EPA 3005A	19,200.7	JC
Thallium, Total	ND		mg/l	0.200	0.025	1	12/23/21 09:47	12/30/21 15:10	EPA 3005A	19,200.7	JC
Zinc, Total	0.208	J	mg/l	0.500	0.021	1	12/23/21 09:47	12/30/21 15:10	EPA 3005A	19,200.7	JC
· ·											



Project Name: Lab Number: T. DEWITT LANDFILL MONITORING L2168581

Project Number: Report Date: 1128-2021-GW 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-16

Date Collected: 12/13/21 10:10 Client ID: MW-12S Date Received: 12/14/21

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mans	field Lab										
Antimony, Total	ND		mg/l	0.500	0.071	1	12/23/21 09:47	12/30/21 15:14	EPA 3005A	19,200.7	JC
Arsenic, Total	0.043	J	mg/l	0.050	0.019	1	12/23/21 09:47	12/30/21 15:14	EPA 3005A	19,200.7	JC
Beryllium, Total	ND		mg/l	0.050	0.009	1	12/23/21 09:47	12/30/21 15:14	EPA 3005A	19,200.7	JC
Cadmium, Total	ND		mg/l	0.050	0.010	1	12/23/21 09:47	12/30/21 15:14	EPA 3005A	19,200.7	JC
Chromium, Total	0.081	J	mg/l	0.100	0.021	1	12/23/21 09:47	12/30/21 15:14	EPA 3005A	19,200.7	JC
Copper, Total	0.155		mg/l	0.100	0.022	1	12/23/21 09:47	12/30/21 15:14	EPA 3005A	19,200.7	JC
Lead, Total	0.077	J	mg/l	0.100	0.027	1	12/23/21 09:47	12/30/21 15:14	EPA 3005A	19,200.7	JC
Mercury, Total	ND		mg/l	0.00100	0.00045	1	12/23/21 09:50	12/24/21 10:50	EPA 245.1	3,245.1	AC
Nickel, Total	0.065	J	mg/l	0.250	0.024	1	12/23/21 09:47	12/30/21 15:14	EPA 3005A	19,200.7	JC
Selenium, Total	ND		mg/l	0.100	0.035	1	12/23/21 09:47	12/30/21 15:14	EPA 3005A	19,200.7	JC
Silver, Total	ND		mg/l	0.070	0.028	1	12/23/21 09:47	12/30/21 15:14	EPA 3005A	19,200.7	JC
Thallium, Total	ND		mg/l	0.200	0.025	1	12/23/21 09:47	12/30/21 15:14	EPA 3005A	19,200.7	JC
Zinc, Total	6.85		mg/l	0.500	0.021	1	12/23/21 09:47	12/30/21 15:14	EPA 3005A	19,200.7	JC



Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Lab Number:

L2168581

Report Date: 12/31/21

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansf	field Lab for sample(s):	01-16	Batch: W	G15861	44-1				
Antimony, Total	ND	mg/l	0.050	0.007	1	12/23/21 09:47	12/30/21 12:54	19,200.7	JC
Arsenic, Total	ND	mg/l	0.005	0.002	1	12/23/21 09:47	12/30/21 12:54	19,200.7	JC
Beryllium, Total	ND	mg/l	0.005	0.001	1	12/23/21 09:47	12/30/21 12:54	19,200.7	JC
Cadmium, Total	ND	mg/l	0.005	0.001	1	12/23/21 09:47	12/30/21 12:54	19,200.7	JC
Chromium, Total	ND	mg/l	0.010	0.002	1	12/23/21 09:47	12/30/21 12:54	19,200.7	JC
Copper, Total	ND	mg/l	0.010	0.002	1	12/23/21 09:47	12/30/21 12:54	19,200.7	JC
Lead, Total	ND	mg/l	0.010	0.003	1	12/23/21 09:47	12/30/21 12:54	19,200.7	JC
Nickel, Total	ND	mg/l	0.025	0.002	1	12/23/21 09:47	12/30/21 12:54	19,200.7	JC
Selenium, Total	ND	mg/l	0.010	0.004	1	12/23/21 09:47	12/30/21 12:54	19,200.7	JC
Silver, Total	ND	mg/l	0.007	0.003	1	12/23/21 09:47	12/30/21 12:54	19,200.7	JC
Thallium, Total	ND	mg/l	0.020	0.003	1	12/23/21 09:47	12/30/21 12:54	19,200.7	JC
Zinc, Total	ND	mg/l	0.050	0.002	1	12/23/21 09:47	12/30/21 12:54	19,200.7	JC

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	
Total Metals - Man	sfield Lab for sample(s):	01-16	Batch: Wo	G15861	45-1				
Mercury, Total	ND	mg/l	0.00020	0.00009) 1	12/23/21 09:50	12/24/21 09:11	1 3,245.1	AC

Prep Information

Digestion Method: EPA 245.1



Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Lab Number: L2168581

Report Date: 12/31/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample	e(s): 01-16 Bat	ch: WG158	86144-2					
Antimony, Total	101		-		85-115	-		
Arsenic, Total	111		-		85-115	-		
Beryllium, Total	106		-		85-115	-		
Cadmium, Total	102		-		85-115	-		
Chromium, Total	102		-		85-115	-		
Copper, Total	104		-		85-115	-		
Lead, Total	100		-		85-115	-		
Nickel, Total	99		-		85-115	-		
Selenium, Total	110		-		85-115	-		
Silver, Total	103		-		85-115	-		
Thallium, Total	103		-		85-115	-		
Zinc, Total	101		-		85-115	-		
Total Metals - Mansfield Lab Associated sample	e(s): 01-16 Bat	ch: WG158	86145-2					
Mercury, Total	94		-		85-115	-		



Matrix Spike Analysis Batch Quality Control

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Lab Number: L2168581

Report Date: 12/31/21

rameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery Qu	Recovery al Limits	RPD Qual	RPD Limits
otal Metals - Mansfield Lab	Associated san	nple(s): 01-16	QC Bat	tch ID: WG1586	6144-3	QC Sam	nple: L2168577-01	Client ID: MS	Sample	
Antimony, Total	ND	0.5	0.524	105		-	-	75-125	-	20
Arsenic, Total	0.003J	0.12	0.138	115		-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.051	102		-	-	75-125	-	20
Cadmium, Total	ND	0.053	0.055	103		-	-	75-125	-	20
Chromium, Total	ND	0.2	0.203	102		-	-	75-125	-	20
Copper, Total	ND	0.25	0.272	109		-	-	75-125	-	20
Lead, Total	0.004J	0.53	0.538	102		-	-	75-125	-	20
Nickel, Total	ND	0.5	0.499	100		-	-	75-125	-	20
Selenium, Total	ND	0.12	0.135	112		-	-	75-125	-	20
Silver, Total	ND	0.05	0.054	107		-	-	75-125	-	20
Thallium, Total	ND	0.12	0.122	102		-	-	75-125	-	20
Zinc, Total	0.019J	0.5	0.526	105		-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Lab Number: L2168581

Report Date: 12/31/21

arameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield L	Lab Associated san	nple(s): 01-16	QC Bate	ch ID: WG1586144-	QC Sam	nple: L2168577-02	Client ID: MS	Sample	
Antimony, Total	ND	5	4.77	95	-	-	75-125	-	20
Arsenic, Total	0.123	1.2	1.46	111	-	-	75-125	-	20
Beryllium, Total	ND	0.5	0.521	104	-	-	75-125	-	20
Cadmium, Total	0.011J	0.53	0.560	106	-	-	75-125	-	20
Chromium, Total	ND	2	2.05	102	-	-	75-125	-	20
Copper, Total	0.037J	2.5	2.71	108	-	-	75-125	-	20
Lead, Total	0.048J	5.3	5.45	103	-	-	75-125	-	20
Nickel, Total	0.032J	5	5.07	101	-	-	75-125	-	20
Selenium, Total	ND	1.2	1.21	101	-	-	75-125	-	20
Silver, Total	ND	0.5	0.534	107	-	-	75-125	-	20
Thallium, Total	ND	1.2	1.25	104	-	-	75-125	-	20
Zinc, Total	0.306J	5	5.40	108	-	-	75-125	-	20
otal Metals - Mansfield L	Lab Associated san	nple(s): 01-16	QC Bate	ch ID: WG1586145-	3 QC Sam	ple: L2168581-01	Client ID: MV	V-1S	
Mercury, Total	ND	0.005	0.00466	93	-	-	70-130	-	20
otal Metals - Mansfield L	Lab Associated san	nple(s): 01-16	QC Bate	ch ID: WG1586145-	QC Sam	nple: L2168581-02	Client ID: MV	V-2S	
Mercury, Total	ND	0.025	0.02314	92	-	-	70-130	-	20

Lab Duplicate Analysis Batch Quality Control

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Lab Number:

L2168581

Report Date:

12/31/21

Parameter	Native Sample	Duplicate Sample	mple Units		Qual RPD Limits	<u>; </u>
otal Metals - Mansfield Lab Associated sample(s): 0	1-16 QC Batch ID:	WG1586144-4 QC Sample:	L2168577-01	Client ID:	DUP Sample	
Antimony, Total	ND	ND	mg/l	NC	20	
Arsenic, Total	0.003J	0.002J	mg/l	NC	20	
Beryllium, Total	ND	ND	mg/l	NC	20	
Cadmium, Total	ND	ND	mg/l	NC	20	
Chromium, Total	ND	ND	mg/l	NC	20	
Copper, Total	ND	ND	mg/l	NC	20	
Lead, Total	0.004J	0.003J	mg/l	NC	20	
Nickel, Total	ND	ND	mg/l	NC	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	0.019J	0.020J	mg/l	NC	20	

Lab Duplicate Analysis Batch Quality Control

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Lab Number:

L2168581

Report Date:

12/31/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-1	6 QC Batch ID:	WG1586144-8 QC Sample:	L2168577-02	Client ID:	DUP Sample
Antimony, Total	ND	ND	mg/l	NC	20
Arsenic, Total	0.123	0.120	mg/l	2	20
Beryllium, Total	ND	ND	mg/l	NC	20
Cadmium, Total	0.011J	0.011J	mg/l	NC	20
Chromium, Total	ND	ND	mg/l	NC	20
Copper, Total	0.037J	0.038J	mg/l	NC	20
Lead, Total	0.048J	0.045J	mg/l	NC	20
Nickel, Total	0.032J	0.036J	mg/l	NC	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	0.306J	0.302J	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 01-1	6 QC Batch ID:	WG1586145-4 QC Sample:	L2168581-01	Client ID:	MW-1S
Mercury, Total	ND	ND	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 01-1	6 QC Batch ID:	WG1586145-6 QC Sample:	L2168581-02	Client ID:	MW-2S
Mercury, Total	ND	ND	mg/l	NC	20



INORGANICS & MISCELLANEOUS



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-01 Date Collected: 12/13/21 11:25

Client ID: MW-1S Date Received: 12/14/21 Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

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	10	3.1	1	-	12/19/21 06:00	121,2540C	DW



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-02 Date Collected: 12/13/21 11:20

Client ID: MW-2S Date Received: 12/14/21 Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

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	10	3.1	1	-	12/19/21 06:00	121,2540C	DW



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-03 Date Collected: 12/13/21 11:00

Client ID: MW-2D Date Received: 12/14/21 Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - W	estborough Lab)								
Solids, Total Dissolved	2300		mg/l	10	3.1	1	-	12/19/21 06:00	121,2540C	DW



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-04 Date Collected: 12/13/21 13:30

Client ID: MW-3S Date Received: 12/14/21 Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result Q	ualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - \	Westborough Lab									
Solids, Total Dissolved	2200		mg/l	10	3.1	1	-	12/19/21 06:00	121,2540C	DW



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-05 Date Collected: 12/13/21 13:07

Client ID: MW-4S Date Received: 12/14/21 Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result C	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - V	Westborough Lab									
Solids, Total Dissolved	2800		mg/l	10	3.1	1	-	12/19/21 06:00	121,2540C	DW



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-06 Date Collected: 12/13/21 13:15

Client ID: MW-4D Date Received: 12/14/21 Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - We	estborough Lab									
Solids, Total Dissolved	2900		mg/l	10	3.1	1	-	12/19/21 06:00	121,2540C	DW



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-07 Date Collected: 12/13/21 11:55

Client ID: MW-6S Date Received: 12/14/21 Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

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	10	3.1	1	-	12/19/21 06:00	121,2540C	DW



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-08 Date Collected: 12/13/21 09:32

Client ID: NMW-7S Date Received: 12/14/21 Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

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	10	3.1	1	-	12/19/21 06:00	121,2540C	DW



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-09 Date Collected: 12/13/21 15:35

Client ID: MW-8S Date Received: 12/14/21 Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - W	estborough Lab)								
Solids, Total Dissolved	1100		mg/l	10	3.1	1	-	12/19/21 06:00	121,2540C	DW



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-10 Date Collected: 12/13/21 15:20

Client ID: MW-8D Date Received: 12/14/21 Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - W	estborough Lat)								
Solids, Total Dissolved	2700		mg/l	10	3.1	1	-	12/19/21 06:00	121,2540C	DW



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-11 Date Collected: 12/13/21 14:45

Client ID: MW-9S Date Received: 12/14/21 Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - W	estborough Lab									
Solids, Total Dissolved	1400		mg/l	10	3.1	1	-	12/19/21 06:00	121,2540C	DW



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-12 Date Collected: 12/13/21 15:10

Client ID: MW-9M Date Received: 12/14/21 Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - W	Vestborough Lab									
Solids, Total Dissolved	1200		mg/l	10	3.1	1	-	12/19/21 06:00	121,2540C	DW



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-13 Date Collected: 12/13/21 14:30

Client ID: MW-9D Date Received: 12/14/21 Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result (Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - We	estborough Lab									
Solids, Total Dissolved	200000		mg/l	1000	310	100	-	12/20/21 08:15	121,2540C	DW



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-14 Date Collected: 12/13/21 10:15

Client ID: MW-10S Date Received: 12/14/21 Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - W	estborough Lab									
Solids, Total Dissolved	1800		mg/l	10	3.1	1	-	12/19/21 06:00	121,2540C	DW



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-15 Date Collected: 12/13/21 11:05

Client ID: MW-11D Date Received: 12/14/21 Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - V	Vestborough Lab									
Solids, Total Dissolved	1100		mg/l	10	3.1	1	-	12/19/21 06:00	121,2540C	DW



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

SAMPLE RESULTS

Lab ID: L2168581-16 Date Collected: 12/13/21 10:10

Client ID: MW-12S Date Received: 12/14/21 Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - We	estborough Lab									
Solids, Total Dissolved	2300		mg/l	10	3.1	1	-	12/19/21 06:00	121,2540C	DW



Project Name: T. DEWITT LANDFILL MONITORING **Lab Number:** L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

Method Blank Analysis Batch Quality Control

Parameter	Result Qu	ıalifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - West	borough Lab	for sam	ple(s): 01-	08 Bat	ch: WG	1584564-1				
Solids, Total Dissolved	4.0	J	mg/l	10	3.1	1	-	12/19/21 06:00	121,2540C	DW
General Chemistry - West	borough Lab	for sam	ple(s): 09-	12,14-1	6 Batch	n: WG15851	127-1			
Solids, Total Dissolved	ND		mg/l	10	3.1	1	-	12/19/21 06:00	121,2540C	DW
General Chemistry - West	borough Lab	for sam	ple(s): 13	Batch:	WG158	5300-1				
Solids, Total Dissolved	ND		mg/l	10	3.1	1	-	12/20/21 08:15	121,2540C	DW



Lab Control Sample Analysis Batch Quality Control

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Lab Number:

L2168581

Report Date:

12/31/21

Parameter	LCS %Recovery	LCS Qual %Reco	=	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab A	Associated sample(s)	: 01-08 Batch: W	G1584564-2				
Solids, Total Dissolved	90	-		80-120	-		
General Chemistry - Westborough Lab A	Associated sample(s)	: 09-12,14-16 Ba	tch: WG1585127	-2			
Solids, Total Dissolved	89	-		80-120	-		
General Chemistry - Westborough Lab A	Associated sample(s)	: 13 Batch: WG1	585300-2				
Solids, Total Dissolved	96	-		80-120	-		

Lab Duplicate Analysis Batch Quality Control

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Lab Number:

L2168581

Report Date:

12/31/21

Parameter	Native Sample	Duplicate Sample	Units	RPD Qua	I RPD Limits
General Chemistry - Westborough Lab Associa	ted sample(s): 01-08 QC Batch	n ID: WG1584564-3 Q	C Sample: L216	69562-01 Client	ID: DUP Sample
Solids, Total Dissolved	840	840	mg/l	0	10
General Chemistry - Westborough Lab Associa	ted sample(s): 09-12,14-16 QC	Batch ID: WG1585127	7-3 QC Sample	: L2168581-09	Client ID: MW-8S
Solids, Total Dissolved	1100	1100	mg/l	0	10
General Chemistry - Westborough Lab Associa	ted sample(s): 13 QC Batch ID	: WG1585300-3 QC S	Sample: L21685	31-01 Client ID	: DUP Sample
Solids, Total Dissolved	390	350	mg/l	11 Q	10

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Lab Number: L2168581 Report Date: 12/31/21

Sample Receipt and Container Information

YES Were project specific reporting limits specified?

Cooler Information

Custody Seal Cooler

Α Absent В Absent

Container Information				Initial		Temp		Frozen		
	Container ID	Container Type	Cooler	рН	рН	deg C	Pres	Seal	Date/Time	Analysis(*)
	L2168581-01A	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)
	L2168581-01B	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)
	L2168581-01C	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)
	L2168581-01D	Plastic 250ml unpreserved	Α	7	7	5.2	Υ	Absent		TDS-2540(7)
	L2168581-01E	Plastic 250ml HNO3 preserved	Α	<2	<2	5.2	Υ	Absent		SB-UI(180),NI-UI(180),AG-UI(180),ZN- UI(180),SE-UI(180),HG-U(28),CD-UI(180),BE- UI(180),CR-UI(180),CU-UI(180),AS-UI(180),TL- UI(180),PB-UI(180)
	L2168581-02A	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)
	L2168581-02B	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)
	L2168581-02C	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)
	L2168581-02D	Plastic 250ml unpreserved	Α	7	7	5.2	Υ	Absent		TDS-2540(7)
	L2168581-02E	Plastic 250ml HNO3 preserved	A	<2	<2	5.2	Υ	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),AS-UI(180),CU- UI(180),PB-UI(180),TL-UI(180)
	L2168581-03A	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)
	L2168581-03B	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)
	L2168581-03C	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)
	L2168581-03D	Plastic 250ml unpreserved	Α	7	7	5.2	Υ	Absent		TDS-2540(7)
	L2168581-03E	Plastic 250ml HNO3 preserved	Α	<2	<2	5.2	Υ	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),CU-UI(180),PB-UI(180),TL- UI(180),AS-UI(180)
	L2168581-04A	Vial Na2S2O3 preserved	В	NA		4.1	Υ	Absent		624.1(3)
	L2168581-04B	Vial Na2S2O3 preserved	В	NA		4.1	Υ	Absent		624.1(3)
	L2168581-04C	Vial Na2S2O3 preserved	В	NA		4.1	Υ	Absent		624.1(3)



Lab Number: L2168581

Report Date: 12/31/21

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Container Information			Initial	Final	Temp			Frozen				
Container ID	Container Type	Cooler	рН	рН	deg C	Pres	Seal	Date/Time	Analysis(*)			
L2168581-04D	Plastic 250ml unpreserved	В	7	7	4.1	Υ	Absent		TDS-2540(7)			
L2168581-04E	Plastic 250ml HNO3 preserved	В	<2	<2	4.1	Y	Absent		NI-UI(180),SB-UI(180),ZN-UI(180),AG- 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)			
L2168581-05A	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)			
L2168581-05B	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)			
L2168581-05C	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)			
L2168581-05D	Plastic 250ml unpreserved	Α	7	7	5.2	Υ	Absent		TDS-2540(7)			
L2168581-05E	Plastic 250ml HNO3 preserved	Α	<2	<2	5.2	Y	Absent		SB-UI(180),NI-UI(180),ZN-UI(180),AG- UI(180),SE-UI(180),HG-U(28),CD-UI(180),BE- UI(180),CR-UI(180),PB-UI(180),CU-UI(180),TL- UI(180),AS-UI(180)			
L2168581-06A	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)			
L2168581-06B	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)			
L2168581-06C	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)			
L2168581-06D	Plastic 250ml unpreserved	Α	7	7	5.2	Υ	Absent		TDS-2540(7)			
L2168581-06E	Plastic 250ml HNO3 preserved	Α	<2	<2	5.2	Y	Absent		NI-UI(180),SB-UI(180),ZN-UI(180),AG- UI(180),SE-UI(180),HG-U(28),CD-UI(180),BE- UI(180),CR-UI(180),CU-UI(180),AS- UI(180),PB-UI(180),TL-UI(180)			
L2168581-07A	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)			
L2168581-07B	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)			
L2168581-07C	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)			
L2168581-07D	Plastic 250ml unpreserved	Α	7	7	5.2	Υ	Absent		TDS-2540(7)			
L2168581-07E	Plastic 250ml HNO3 preserved	A	<2	<2	5.2	Y	Absent		NI-UI(180),SB-UI(180),ZN-UI(180),AG- UI(180),SE-UI(180),HG-U(28),CD-UI(180),BE- UI(180),CR-UI(180),PB-UI(180),TL-UI(180),CU- UI(180),AS-UI(180)			
L2168581-08A	Vial Na2S2O3 preserved	В	NA		4.1	Υ	Absent		624.1(3)			
L2168581-08B	Vial Na2S2O3 preserved	В	NA		4.1	Υ	Absent		624.1(3)			
L2168581-08C	Vial Na2S2O3 preserved	В	NA		4.1	Υ	Absent		624.1(3)			
L2168581-08D	Plastic 250ml unpreserved	В	7	7	4.1	Υ	Absent		TDS-2540(7)			



Lab Number: L2168581

Report Date: 12/31/21

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Container Information			Initial	Final	Temp			Frozen			
Container ID	Container Type	Cooler	рН	pН	deg C	Pres	Seal	Date/Time	Analysis(*)		
L2168581-08E	Plastic 250ml HNO3 preserved	В	<2	<2	4.1	Υ	Absent		NI-UI(180),SB-UI(180),AG-UI(180),ZN- UI(180),SE-UI(180),HG-U(28),CD-UI(180),CR- UI(180),BE-UI(180),PB-UI(180),CU-UI(180),AS- UI(180),TL-UI(180)		
L2168581-09A	Vial Na2S2O3 preserved	В	NA		4.1	Υ	Absent		624.1(3)		
L2168581-09B	Vial Na2S2O3 preserved	В	NA		4.1	Υ	Absent		624.1(3)		
L2168581-09C	Vial Na2S2O3 preserved	В	NA		4.1	Υ	Absent		624.1(3)		
L2168581-09D	Plastic 250ml unpreserved	В	7	7	4.1	Υ	Absent		TDS-2540(7)		
L2168581-09E	Plastic 250ml HNO3 preserved	В	<2	<2	4.1	Υ	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),CU-UI(180),AS- UI(180),PB-UI(180),TL-UI(180)		
L2168581-10A	Vial Na2S2O3 preserved	В	NA		4.1	Υ	Absent		624.1(3)		
L2168581-10B	Vial Na2S2O3 preserved	В	NA		4.1	Υ	Absent		624.1(3)		
L2168581-10C	Vial Na2S2O3 preserved	В	NA		4.1	Υ	Absent		624.1(3)		
L2168581-10D	Plastic 250ml unpreserved	В	7	7	4.1	Υ	Absent		TDS-2540(7)		
L2168581-10E	Plastic 250ml HNO3 preserved	В	<2	<2	4.1	Υ	Absent		SB-UI(180),NI-UI(180),AG-UI(180),ZN- UI(180),SE-UI(180),HG-U(28),CD-UI(180),BE- UI(180),CR-UI(180),CU-UI(180),TL-UI(180),PB- UI(180),AS-UI(180)		
L2168581-11A	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)		
L2168581-11B	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)		
L2168581-11C	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)		
L2168581-11D	Plastic 250ml unpreserved	Α	7	7	5.2	Υ	Absent		TDS-2540(7)		
L2168581-11E	Plastic 250ml HNO3 preserved	Α	<2	<2	5.2	Υ	Absent		SB-UI(180),NI-UI(180),ZN-UI(180),AG- UI(180),SE-UI(180),HG-U(28),CD-UI(180),CR- UI(180),BE-UI(180),AS-UI(180),PB-UI(180),TL- UI(180),CU-UI(180)		
L2168581-12A	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)		
L2168581-12B	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)		
L2168581-12C	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)		
L2168581-12D	Plastic 250ml unpreserved	Α	7	7	5.2	Υ	Absent		TDS-2540(7)		
L2168581-12E	Plastic 250ml HNO3 preserved	A	<2	<2	5.2	Υ	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),CU-UI(180),AS- UI(180),PB-UI(180),TL-UI(180)		



Lab Number: L2168581

Report Date: 12/31/21

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Container Information			Initial	Final	Temp			Frozen				
Container ID	Container Type	Cooler	рН	рН		Pres	Seal	Date/Time	Analysis(*)			
L2168581-13A	Vial Na2S2O3 preserved	В	NA		4.1	Υ	Absent		624.1(3)			
L2168581-13B	Vial Na2S2O3 preserved	В	NA		4.1	Υ	Absent		624.1(3)			
L2168581-13C	Vial Na2S2O3 preserved	В	NA		4.1	Υ	Absent		624.1(3)			
L2168581-13D	Plastic 250ml unpreserved	В	7	7	4.1	Υ	Absent		TDS-2540(7)			
L2168581-13E	Plastic 250ml HNO3 preserved	В	<2	<2	4.1	Υ	Absent		SB-UI(180),NI-UI(180),ZN-UI(180),AG- UI(180),SE-UI(180),HG-U(28),CD-UI(180),BE- UI(180),CR-UI(180),TL-UI(180),AS-UI(180),PB- UI(180),CU-UI(180)			
L2168581-14A	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)			
L2168581-14B	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)			
L2168581-14C	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)			
L2168581-14D	Plastic 250ml unpreserved	Α	7	7	5.2	Υ	Absent		TDS-2540(7)			
L2168581-14E	Plastic 250ml HNO3 preserved	Α	<2	<2	5.2	Υ	Absent		NI-UI(180),SB-UI(180),ZN-UI(180),AG- UI(180),SE-UI(180),HG-U(28),CD-UI(180),BE- UI(180),CR-UI(180),PB-UI(180),AS-UI(180),TL- UI(180),CU-UI(180)			
L2168581-15A	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)			
L2168581-15B	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)			
L2168581-15C	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)			
L2168581-15D	Plastic 250ml unpreserved	Α	7	7	5.2	Υ	Absent		TDS-2540(7)			
L2168581-15E	Plastic 250ml HNO3 preserved	Α	<2	<2	5.2	Υ	Absent		SB-UI(180),NI-UI(180),ZN-UI(180),AG- UI(180),SE-UI(180),HG-U(28),CD-UI(180),BE- UI(180),CR-UI(180),TL-UI(180),CU-UI(180),PB- UI(180),AS-UI(180)			
L2168581-16A	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)			
L2168581-16B	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)			
L2168581-16C	Vial Na2S2O3 preserved	Α	NA		5.2	Υ	Absent		624.1(3)			
L2168581-16D	Plastic 250ml unpreserved	Α	7	7	5.2	Υ	Absent		TDS-2540(7)			
L2168581-16E	Plastic 250ml HNO3 preserved	Α	<2	<2	5.2	Υ	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),PB-UI(180),CU- UI(180),AS-UI(180),TL-UI(180)			
L2168581-17A	Vial Na2S2O3 preserved	В	NA		4.1	Υ	Absent		624.1(3)			
L2168581-17B	Vial Na2S2O3 preserved	В	NA		4.1	Υ	Absent		624.1(3)			



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168581

Project Number: 1128-2021-GW Report Date: 12/31/21

GLOSSARY

Acronyms

LOD

MS

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.)

from chutions, 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.

 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

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.

- 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. DEWITT LANDFILL MONITORINGLab Number:L2168581Project Number:1128-2021-GWReport Date:12/31/21

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.

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'.

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, Benzo(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.

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.)

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.
- 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).
- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- 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.
- Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- $\label{eq:main_equation} \textbf{M} \qquad \text{-Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.}$
- ND Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2168581

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Data Qualifiers

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

Report Format: DU Report with 'J' Qualifiers



Project Name:T. DEWITT LANDFILL MONITORINGLab Number:L2168581Project Number:1128-2021-GWReport Date:12/31/21

REFERENCES

- 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.



Alpha Analytical, Inc. Facility: Company-wide

Department: Quality Assurance

Title: Certificate/Approval Program Summary

ID No.:17873 Revision 19

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Certification Information

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

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene;

4-Ethyltoluene.

EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; EPA 353.2: Nitrate-N, Nitrite-N; SM4500NO3-F: Nitrate-N, Nitrite-N; SM4500F-C, SM4500CN-CE,

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; 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 II, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), EPA 600/4-81-045: PCB-Oil.

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

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

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg

SM2340B

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

Pre-Qualtrax Document ID: 08-113 Document Type: Form

75	NEW YORK	Service Centers	Pag	e 1			2.7	Se 01.									
Дігна	CHAIN OF	Mahwah, NJ 07430: 35 Whitne Albany, NY 12205: 14 Walker I		of 2					Rec'd Lab	121	15	ALPHA Job#					
Westborough, MA 01581 Mansfield, MA 02048 8 Walkup Dr. 320 Forbes Blvd TEL: 508-898-9220 TEL: 508-822-9300 FAX: 506-898-9193 FAX: 508-822-3288		Tonawanda, NY 14150: 275 Cooper Ave, Suite 105										101	L2168581				
		Project Information									85		Billing Information				
		Project Name: T_ of Dewitt Landfill Monitoring Project Location: Fisher Rd, East Syracuse								ASP			ASP		Same as Client Info		
											IS (1 File)	EQu	IS (4 File)	PO#		
Client Information	The real Property lies	Project #	112	28-2021-	GW				Other							-	
Client: T. of Dewi	tt c/o Kerrie Fusco	(Use Project name as P	roject	t#)					Regi	Hatory	Require	ment			Disposal Site Information		
Address: 5400 Butternut Drive Project Manager:				rry Goule	d/Miller Engin	neers		NYT	ogs		NYP	art 375	Please identify below location of				
East Syracuse, NY 13057 ALPHAQuote #:										AWC	Standards	_	NYC		applicable disposal facilities.		
Phone: (315) 569-	2144 cell	Turn-Around Time								NYR	estricted U	se	Othe	Disposal Facility:	1902177		
Fax:		Standard 🗹 Due Date:								NYU	nrestricted	Use			□ NJ □ NY		
Email: ggould@g	ouldgw.com	Rush (only if pre approved) # of Days:								NYC	Sewer Dis	charge		Other:			
These samples have t	peen previously analyz	ed by Alpha							ANA	LYSIS	3				Sample Filtration		
Other project specifi		nents:								als		Readings			□ Done □ Lab to do Preservation □ Lab to do	1	
Please specify Metals	s or TAL.								624.	PP Metals	20T	FIELD Res			(Please Specify below)	B.	
ALPHA Lab ID		ample ID	Col.		lection	Sample	Sar	mpler's	1			正		1 1		1	
(Lab Use Only)	- 50	ample to	Date		Time	Matrix	Initials								Sample Specific Comments	8 6	
68581 -01	MW-1S		12-	13-21	1125	GW	TD	w	х	x	x		4			5	
-02	MW-2S				1120	GW)	X	X	x					5	
-03	MW-2D				1100	GW			X	X	x		i III			5	
-04	MW-3S				1330	GW		-	X	X	х					- 5	
-05	MW-4S				1307	GW			x	X	x					5	
-06	MW-4D			-	1315	GW	1		х	X	X					5	
	MW-5S					GW			x/	X	X				No Samples	5	
	MW-SD					GW			X	X	X				No Samples Collected	5	
-07	MW-6S		12	13-21	1155	GW	TO	w	х	х	x					5	
-08	NMW-7S			1	932	GW	J		х	Х	x					5	
Preservative Code: A = None B = HCI C = HNO ₃ D = H ₂ SO ₄	Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup	Westboro: Certification Mansfield: Certificati	Container Typ Preservativ				V	Р	P				Please print clearly, legibly and completely. Samples canot be logged in and turnaround time clock will no				
E = NaOH F = MeOH	C = Cube	Relinquished	Relinquished By:			e/Time		= 13	Recei	_			Dat	e/Time	start until any ambiguit		
$G = NaHSO_4$ $H = Na_2S_2O_3$ K/E = Zn Ac/NaOH O = Other	O = Other E = Encore D = BOD Bottle	AA	_		12-14-21		-	1				12	115/2		HAS READ AND AGREES TO BE BOUND BY ALPHA'S		
Form No: 01-25 (rev. 30-S	ept-2013)														TERMS & CONDITION	45	

NEW YORK		Service Centers		Pag	e 2		5 %	G 19								
ALPHA	CHAIN OF	Mahwah, NJ 07430: 35 Whitne Albeny, NY 12205: 14 Walker	ine.	0			Rec'd Lab	12/	ALPHA Job#							
Westborough, MA 01581 Mansfield, MA 02048 8 Walkup Dr. 320 Forbes Blvd TEL 508-898-9220 TEL 508-822-9300 FAX: 508-898-9193 FAX: 508-822-3288		Tonawanda, NY 14150: 275 Cooper Ave, Suite 106								-	10/	2/0	×1	L2168581		
		integer mentioned								es .		Billing Information				
		Project Name: T, of Dewitt Landfill Monitoring								-A		ASP-		Same as Client Info		
to a distance of	11-19 713 -103 0071	Project Location: Fisher Rd, East Syracuse								IS (1 File) [EQui	S (4 File)	PO#		
Client Information		Project #	_	8-2021-	GW				Oth			_				
Client: T. of Dew	itt c/o Kerrie Fusco	(Use Project name as P	roject	#)				Reg	-	y Require	ment			Disposal Site Information		
Address: 5400 Butt	ernut Drive	Project Manager:	Ger	ry Gould	Miller Engir	eers			NYT			n 375	Please identify below location of			
East Syracuse, NY 13	057	ALPHAQuote #:						JUL	-	Standard:	. =	NY CF	0.51	applicable disposal facilities		
Phone: (315) 569	-2144 cell	Turn-Around Time							NYF	Restricted U	ise _	Other		Disposal Facility:		
Fax:			Standard 🗹 Due Date:								Use			□ NJ □ NY		
Email: ggould@g	ouldgw.com	Rush (only if pre approve		NYC	Sewer Dis	charge			Other;							
These samples have t	been previously analyz	ed by Alpha						ANA	ALYSI	S				Sample Filtration	ā	
Client Code: DEWITT		ments:							als		Readings			☐ Done ☐ Lab to do Preservation ☐ Lab to do	1.10	
Please specify Metal	s or TAL.							624.	PP Metals	SOT	FIELD Re			(Please Specify below)		
ALPHA Lab ID		ample ID	le ID Colle		lection	Sample	Sampler's	S		1 1	I				- 0	
(Lab Use Only)		1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -		Date	Time	Matrix	Initials	_						Sample Specific Comments	Ħ	
68581 -09	MW-8S		12-	13-21	1535	GW	Die	X	X	X					5	
-10	MW-BD		12.1		1520	GW	1	X	X	X		111			5	
-11	MW-9S				1445	GW		x	X	X	1				5	
-12	MW-9M		9.7		1510	GW		X	X	x	: 1				5	
-13	MW-9D				1430	GW		X	Х	x					5	
14	MW-10S				1015	GW		X	X	X					5	
-15	MW-11D				1105	GW		x	х	X					5	
-16	MW-12S		17		1010	GW	Į.	Х	Х	х	-				. 5	
-17	TRIP BLANK		12-	13-21		Laberater	TOW	×	+		+				2	
Preservative Code: A = None	Container Code P = Plastic	Westboro: Certification	_		-		ntainer Type							Discount of a least to least	The same	
B = HCI C = HNO ₃	A = Amber Glass V = Vial	Mansfield: Certification i	No: MA	4015			Container Type		Р	P	15	+		Please print clearly, legi and completely. Sample		
D = H ₂ SO ₄ E = NaOH	G = Glass B = Bacteria Cup						Preservative	н	C	A				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		
F = MeOH	C = Cube	Relinquished	By:		Date	e/Time		_	ived E	_		Date	/Time			
G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH	O = Other E = Encore D = BOD Bottle	77%	AAL			1000	1			2	12		0120			
O = Other Form No: 01-25 (rev. 30-Sept-2013)														TERMS & CONDITIONS		



ANALYTICAL REPORT

Lab Number: L2169992

Client: Town of Dewitt

5400 Butternut Drive

East Syracuse, NY 13057

ATTN: Kerri Fusco
Phone: (315) 446-3392

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Report Date: 01/05/22

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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



Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Lab Number:

L2169992

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2169992-01	MW-5S	WATER	FISHER RD., EAST SYRACUSE	12/20/21 10:20	12/20/21
L2169992-02	MW-5D	WATER	FISHER RD., EAST SYRACUSE	12/20/21 10:20	12/20/21
L2169992-03	TRIP BLANK	WATER	FISHER RD., EAST SYRACUSE	12/20/21 00:00	12/20/21



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2169992

Project Number: 1128-2021-GW Report Date: 01/05/22

Case Narrative

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

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

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

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

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

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



Project Name: T. DEWITT LANDFILL MONITORING

Lab Number:

L2169992

Project Number:

1128-2021-GW

Report Date:

01/05/22

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.

Volatile Organics by Method 624

The WG1586656-3 LCS recovery, associated with L2169992-01 through -03, is above the acceptance criteria for acrolein (200%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

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.

(attlin Wallet Caitlin Walukevich

Authorized Signature:

Title: Technical Director/Representative

Date: 01/05/22



ORGANICS



VOLATILES



L2169992

01/05/22

Project Name: T. DEWITT LANDFILL MONITORING

L2169992-01

FISHER RD., EAST SYRACUSE

MW-5S

Project Number: 1128-2021-GW

SAMPLE RESULTS

Date Collected: 12/20/21 10:20

Lab Number:

Report Date:

Date Received: 12/20/21 Field Prep: Not Specified

Sample Depth:

Sample Location:

Lab ID:

Client ID:

Matrix: Water Analytical Method: 128,624.1 Analytical Date: 12/21/21 08:04

Analyst: MKS

Welthylene 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 Chloroform ND ug/l 1.0 0.24 1 1,2-Dichloropropane ND ug/l 1.0 0.27 1 1,2-Dichloropropane ND ug/l 1.0 0.27 1 Dibromochloromethane ND ug/l 1.5 0.34 1 1,1,2-Trichloroethane ND ug/l 1.5 0.34 1 2-Chloroethylvinyl ether ND ug/l 1.0 0.25 1 Tetrachloroethane ND ug/l 1.0 0.26 1 Tetrachlorofluoromethane ND ug/l 5.0 0.28 1 1,2-Dichloropthane ND ug/l 1.5 0.47 1 1,1,1-Trichloroethane ND ug/l 1.5 0.34	
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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	
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trans-1,2-Dichloroethene ND ug/l 1.5 0.33 1	
cis-1,2-Dichloroethene ND ug/l 1.0 0.17 1	



01/05/22

Project Name: Lab Number: T. DEWITT LANDFILL MONITORING L2169992

Project Number: 1128-2021-GW

SAMPLE RESULTS

Date Collected: 12/20/21 10:20

Report Date:

Lab ID: L2169992-01

Client ID: Date Received: 12/20/21 MW-5S

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westbor	ough 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	92		60-140	
4-Bromofluorobenzene	108		60-140	



L2169992

01/05/22

Not Specified

12/20/21

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

SAMPLE RESULTS

Date Collected: 12/20/21 10:20

Lab Number:

Report Date:

Date Received:

Field Prep:

Lab ID: L2169992-02

Client ID: MW-5D

Sample Location: FISHER RD., EAST SYRACUSE

Sample Depth:

Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 12/21/21 08:37

Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Volatile Organics by GC/MS - West	borough 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	0.98	J	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	3.5		ug/l	1.0	0.17	1	



01/05/22

Report Date:

Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2169992

Project Number: 1128-2021-GW

SAMPLE RESULTS

Lab ID: L2169992-02 Date Collected: 12/20/21 10:20

Client ID: MW-5D Date Received: 12/20/21

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 - Westb	orough Lab					
Trichloroethene	0.36	J	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	95		60-140	
Fluorobenzene	90		60-140	
4-Bromofluorobenzene	109		60-140	



L2169992

01/05/22

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

SAMPLE RESULTS

Date Collected: 12/20/21 00:00

Lab Number:

Report Date:

Lab ID: L2169992-03 Date Collect

Client ID: TRIP BLANK Date Received: 12/20/21
Sample Location: FISHER RD., EAST SYRACUSE Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 12/21/21 09:10

Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - West	borough 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: Lab Number: T. DEWITT LANDFILL MONITORING L2169992

Project Number: Report Date: 1128-2021-GW 01/05/22

SAMPLE RESULTS

Lab ID: L2169992-03 Date Collected: 12/20/21 00:00

Client ID: Date Received: 12/20/21 TRIP BLANK Sample Location: Field Prep: Not Specified FISHER RD., EAST SYRACUSE

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Volatile Organics by GC/MS - Westbor	ough 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	93		60-140	
4-Bromofluorobenzene	110		60-140	



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2169992

Project Number: 1128-2021-GW Report Date: 01/05/22

Method Blank Analysis Batch Quality Control

Analytical Method: 128,624.1 Analytical Date: 12/21/21 06:57

Analyst: MKS

arameter	Result	Qualifier Units	RL	MDL
olatile Organics by GC/MS -	Westborough Lab	for sample(s):	01-03 Batch:	WG1586656-4
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



L2169992

Project Name: T. DEWITT LANDFILL MONITORING Lab Number:

Project Number: 1128-2021-GW Report Date: 01/05/22

Method Blank Analysis Batch Quality Control

Analytical Method: 128,624.1 Analytical Date: 12/21/21 06:57

Analyst: MKS

Parameter	Result	Qualifier Units	RL	MDL	
Volatile Organics by GC/MS - W	estborough Lab f	for sample(s):	01-03 Batch:	WG1586656-4	
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	

		Acceptance		
Surrogate	%Recovery	Qualifier Criteria		
Pentafluorobenzene	98	60-140		
Fluorobenzene	94	60-140		
4-Bromofluorobenzene	108	60-140		



Lab Control Sample Analysis Batch Quality Control

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Lab Number: L2169992

arameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
olatile Organics by GC/MS - Westborough L	ab Associated	sample(s):	01-03 Batch: W	/G1586656-	3			
Methylene chloride	100		-		60-140	-		28
1,1-Dichloroethane	95		-		50-150	-		49
Chloroform	100		-		70-135	-		54
Carbon tetrachloride	75		-		70-130	-		41
1,2-Dichloropropane	95		-		35-165	-		55
Dibromochloromethane	95		-		70-135	-		50
1,1,2-Trichloroethane	105		-		70-130	-		45
2-Chloroethylvinyl ether	90		-		1-225	-		71
Tetrachloroethene	100		-		70-130	-		39
Chlorobenzene	115		-		65-135	-		53
Trichlorofluoromethane	95		-		50-150	-		84
1,2-Dichloroethane	105		-		70-130	-		49
1,1,1-Trichloroethane	100		-		70-130	-		36
Bromodichloromethane	100		-		65-135	-		56
trans-1,3-Dichloropropene	95		-		50-150	-		86
cis-1,3-Dichloropropene	95		-		25-175	-		58
Bromoform	100		-		70-130	-		42
1,1,2,2-Tetrachloroethane	115		-		60-140	-		61
Benzene	100		-		65-135	-		61
Toluene	105		-		70-130	-		41
Ethylbenzene	130		-		60-140	-		63
Chloromethane	100		-		1-205	-		60
Bromomethane	85		-		15-185	-		61



Lab Control Sample Analysis Batch Quality Control

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Lab Number: L2169992

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	RPD Qual Limit	
Volatile Organics by GC/MS - Westborough	Lab Associated	sample(s):	01-03 Batch: V	VG1586656-3	3			
Vinyl chloride	95		-		5-195	-	66	
Chloroethane	95		-		40-160	-	78	
1,1-Dichloroethene	100		-		50-150	-	32	
trans-1,2-Dichloroethene	100		-		70-130	-	45	
cis-1,2-Dichloroethene	100		-		60-140	-	30	
Trichloroethene	95		-		65-135	-	48	
1,2-Dichlorobenzene	120		-		65-135	-	57	
1,3-Dichlorobenzene	120		-		70-130	-	43	
1,4-Dichlorobenzene	125		-		65-135	-	57	
p/m-Xylene	120		-		60-140	-	30	
o-xylene	115		-		60-140	-	30	
Styrene	115		-		60-140	-	30	
Acetone	92		-		40-160	-	30	
Carbon disulfide	95		-		60-140	-	30	
2-Butanone	98		-		60-140	-	30	
Vinyl acetate	88		-		60-140	-	30	
4-Methyl-2-pentanone	108		-		60-140	-	30	
2-Hexanone	100		-		60-140	-	30	
Acrolein	200	Q	-		60-140	-	30	
Acrylonitrile	100		-		60-140	-	60	
Dibromomethane	100		-		70-130	-	30	



Lab Control Sample Analysis

Batch Quality Control T. DEWITT LANDFILL MONITORING

Lab Number: L2169992

Project Number: Report Date: 01/05/22 1128-2021-GW

LCSD LCS %Recovery RPD %Recovery %Recovery Limits Parameter Qual Qual Limits RPD Qual

Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1586656-3

Surrogate	LCS %Recovery Qual	LCSD %Recovery	Acceptance Qual Criteria	
Pentafluorobenzene	99		60-140	
Fluorobenzene	99		60-140	
4-Bromofluorobenzene	107		60-140	

Project Name:

METALS



Project Name: Lab Number: T. DEWITT LANDFILL MONITORING L2169992 **Report Date:** 01/05/22

Project Number: 1128-2021-GW

SAMPLE RESULTS

Lab ID: L2169992-01

Date Collected: 12/20/21 10:20 Client ID: MW-5S Date Received: 12/20/21

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 - Mans	sfield Lab										
Antimony, Total	ND		mg/l	0.050	0.007	1	01/03/22 12:55	5 01/04/22 20:07	EPA 3005A	19,200.7	EW
Arsenic, Total	0.008		mg/l	0.005	0.002	1	01/03/22 12:55	5 01/04/22 20:07	EPA 3005A	19,200.7	EW
Beryllium, Total	ND		mg/l	0.005	0.001	1	01/03/22 12:55	5 01/04/22 20:07	EPA 3005A	19,200.7	EW
Cadmium, Total	ND		mg/l	0.005	0.001	1	01/03/22 12:55	5 01/04/22 20:07	EPA 3005A	19,200.7	EW
Chromium, Total	ND		mg/l	0.010	0.002	1	01/03/22 12:55	5 01/04/22 20:07	EPA 3005A	19,200.7	EW
Copper, Total	ND		mg/l	0.010	0.002	1	01/03/22 12:55	5 01/04/22 20:07	EPA 3005A	19,200.7	EW
Lead, Total	0.006	J	mg/l	0.010	0.003	1	01/03/22 12:55	5 01/04/22 20:07	EPA 3005A	19,200.7	EW
Mercury, Total	0.00014	J	mg/l	0.00020	0.00009	1	01/03/22 16:39	01/04/22 19:42	EPA 245.1	3,245.1	AC
Nickel, Total	0.006	J	mg/l	0.025	0.002	1	01/03/22 12:55	5 01/04/22 20:07	EPA 3005A	19,200.7	EW
Selenium, Total	ND		mg/l	0.010	0.004	1	01/03/22 12:55	5 01/04/22 20:07	EPA 3005A	19,200.7	EW
Silver, Total	ND		mg/l	0.007	0.003	1	01/03/22 12:55	5 01/04/22 20:07	EPA 3005A	19,200.7	EW
Thallium, Total	ND		mg/l	0.020	0.003	1	01/03/22 12:55	5 01/04/22 20:07	EPA 3005A	19,200.7	EW
Zinc, Total	0.012	J	mg/l	0.050	0.002	1	01/03/22 12:55	5 01/04/22 20:07	EPA 3005A	19,200.7	EW



12/20/21 10:20

Date Collected:

Project Name: Lab Number: T. DEWITT LANDFILL MONITORING L2169992 **Report Date:** 01/05/22

Project Number: 1128-2021-GW

SAMPLE RESULTS

Lab ID: L2169992-02

Client ID: MW-5D Date Received: 12/20/21 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 - Mans	sfield Lab										
Antimony, Total	ND		mg/l	0.050	0.007	1	01/03/22 12:55	01/04/22 20:11	EPA 3005A	19,200.7	EW
Arsenic, Total	0.014		mg/l	0.005	0.002	1	01/03/22 12:55	01/04/22 20:11	EPA 3005A	19,200.7	EW
Beryllium, Total	ND		mg/l	0.005	0.001	1	01/03/22 12:55	01/04/22 20:11	EPA 3005A	19,200.7	EW
Cadmium, Total	ND		mg/l	0.005	0.001	1	01/03/22 12:55	01/04/22 20:11	EPA 3005A	19,200.7	EW
Chromium, Total	ND		mg/l	0.010	0.002	1	01/03/22 12:55	01/04/22 20:11	EPA 3005A	19,200.7	EW
Copper, Total	ND		mg/l	0.010	0.002	1	01/03/22 12:55	01/04/22 20:11	EPA 3005A	19,200.7	EW
Lead, Total	0.006	J	mg/l	0.010	0.003	1	01/03/22 12:55	01/04/22 20:11	EPA 3005A	19,200.7	EW
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/03/22 16:39	01/04/22 19:46	EPA 245.1	3,245.1	AC
Nickel, Total	0.007	J	mg/l	0.025	0.002	1	01/03/22 12:55	5 01/04/22 20:11	EPA 3005A	19,200.7	EW
Selenium, Total	ND		mg/l	0.010	0.004	1	01/03/22 12:55	5 01/04/22 20:11	EPA 3005A	19,200.7	EW
Silver, Total	ND		mg/l	0.007	0.003	1	01/03/22 12:55	5 01/04/22 20:11	EPA 3005A	19,200.7	EW
Thallium, Total	ND		mg/l	0.020	0.003	1	01/03/22 12:55	5 01/04/22 20:11	EPA 3005A	19,200.7	EW
Zinc, Total	0.013	J	mg/l	0.050	0.002	1	01/03/22 12:55	5 01/04/22 20:11	EPA 3005A	19,200.7	EW



Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Lab Number:

L2169992

Report Date: 01/05/22

Method Blank Analysis Batch Quality Control

Parameter	Result Qua	lifier Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansf	ield Lab for samp	le(s): 01-02	Batch: W	/G15893	53-1				
Antimony, Total	ND	mg/l	0.050	0.007	1	01/03/22 12:55	01/04/22 18:14	19,200.7	EW
Arsenic, Total	ND	mg/l	0.005	0.002	1	01/03/22 12:55	01/04/22 18:14	19,200.7	EW
Beryllium, Total	ND	mg/l	0.005	0.001	1	01/03/22 12:55	01/04/22 18:14	19,200.7	EW
Cadmium, Total	ND	mg/l	0.005	0.001	1	01/03/22 12:55	01/04/22 18:14	19,200.7	EW
Chromium, Total	ND	mg/l	0.010	0.002	1	01/03/22 12:55	01/04/22 18:14	19,200.7	EW
Copper, Total	ND	mg/l	0.010	0.002	1	01/03/22 12:55	01/04/22 18:14	19,200.7	EW
Lead, Total	ND	mg/l	0.010	0.003	1	01/03/22 12:55	01/04/22 18:14	19,200.7	EW
Nickel, Total	ND	mg/l	0.025	0.002	1	01/03/22 12:55	01/04/22 18:14	19,200.7	EW
Selenium, Total	ND	mg/l	0.010	0.004	1	01/03/22 12:55	01/04/22 18:14	19,200.7	EW
Silver, Total	ND	mg/l	0.007	0.003	1	01/03/22 12:55	01/04/22 18:14	19,200.7	EW
Thallium, Total	ND	mg/l	0.020	0.003	1	01/03/22 12:55	01/04/22 18:14	19,200.7	EW
Zinc, Total	0.005	J mg/l	0.050	0.002	1	01/03/22 12:55	01/04/22 18:14	19,200.7	EW

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	
Total Metals - Mansf	field Lab for sample(s):	01-02 E	Batch: WO	G15893	55-1				
Mercury, Total	ND	mg/l	0.00020	0.00009	1	01/03/22 16:39	01/04/22 18:57	3,245.1	AC

Prep Information

Digestion Method: EPA 245.1



Lab Control Sample Analysis Batch Quality Control

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Lab Number: L2169992

arameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
otal Metals - Mansfield Lab Associated sam	ple(s): 01-02 Bate	ch: WG15	89353-2					
Antimony, Total	104		-		85-115	-		
Arsenic, Total	107		-		85-115	-		
Beryllium, Total	100		-		85-115	-		
Cadmium, Total	109		-		85-115	-		
Chromium, Total	102		-		85-115	-		
Copper, Total	105		-		85-115	-		
Lead, Total	103		-		85-115	-		
Nickel, Total	99		-		85-115	-		
Selenium, Total	105		-		85-115	-		
Silver, Total	106		-		85-115	-		
Thallium, Total	101		-		85-115	-		
Zinc, Total	103		-		85-115	-		
otal Metals - Mansfield Lab Associated sam	ple(s): 01-02 Bat	ch: WG15	89355-2					
Mercury, Total	99		-		85-115	-		



Matrix Spike Analysis Batch Quality Control

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Lab Number: L2169992

rameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery Qu	Recovery al Limits	RPD Qual	RPD Limits
otal Metals - Mansfield Lab	Associated san	nple(s): 01-02	QC Bat	tch ID: WG1589	9353-3	QC Sam	nple: L2169986-01	Client ID: MS	Sample	
Antimony, Total	ND	0.5	0.528	106		-	-	75-125	-	20
Arsenic, Total	0.005J	0.12	0.144	120		-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.051	101		-	-	75-125	-	20
Cadmium, Total	ND	0.053	0.057	108		-	-	75-125	-	20
Chromium, Total	ND	0.2	0.203	102		-	-	75-125	-	20
Copper, Total	ND	0.25	0.267	107		-	-	75-125	-	20
Lead, Total	ND	0.53	0.533	100		-	-	75-125	-	20
Nickel, Total	0.004J	0.5	0.484	97		-	-	75-125	-	20
Selenium, Total	ND	0.12	0.134	112		-	-	75-125	-	20
Silver, Total	ND	0.05	0.054	107		-	-	75-125	-	20
Thallium, Total	ND	0.12	0.117	98		-	-	75-125	-	20
Zinc, Total	0.019J	0.5	0.530	106		-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Lab Number: L2169992

arameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield La	ab Associated san	nple(s): 01-02	QC Bat	ch ID: WG1589353-7	QC Sam	nple: L2169986-02	Client ID: MS	S Sample	
Antimony, Total	ND	0.5	0.534	107	-	-	75-125	-	20
Arsenic, Total	0.002J	0.12	0.143	119	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.051	102	-	-	75-125	-	20
Cadmium, Total	ND	0.053	0.058	109	-	-	75-125	-	20
Chromium, Total	ND	0.2	0.205	102	-	-	75-125	-	20
Copper, Total	0.002J	0.25	0.268	107	-	-	75-125	-	20
Lead, Total	ND	0.53	0.537	101	-	-	75-125	-	20
Nickel, Total	0.005J	0.5	0.485	97	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.135	112	-	-	75-125	-	20
Silver, Total	ND	0.05	0.054	108	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.116	97	-	-	75-125	-	20
Zinc, Total	0.025J	0.5	0.544	109	-	-	75-125	-	20
otal Metals - Mansfield La	b Associated sam	nple(s): 01-02	QC Bat	ch ID: WG1589355-3	QC Sam	nple: L2170056-01	Client ID: MS	S Sample	
Mercury, Total	ND	0.005	0.00470	94	-	-	70-130	-	20
otal Metals - Mansfield La	b Associated sam	nple(s): 01-02	QC Bat	ch ID: WG1589355-5	QC Sam	nple: L2170057-01	Client ID: MS	S Sample	
Mercury, Total	ND	0.005	0.00952	190 Q	-	-	70-130	-	20



Lab Duplicate Analysis

Batch Quality Control

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Lab Number:

L2169992

Report Date:

01/05/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual RF	D Limits
Total Metals - Mansfield Lab Associated s	ample(s): 01-02 QC Batch ID: W	VG1589355-4 QC Sample:	L2170056-01	Client ID:	DUP Sample	
Mercury, Total	ND		mg/l	NC		20
Fotal Metals - Mansfield Lab Associated s	ample(s): 01-02 QC Batch ID: W	VG1589355-6 QC Sample:	L2170057-01	Client ID:	DUP Sample	
Mercury, Total	ND	ND	mg/l	NC		20



INORGANICS & MISCELLANEOUS



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2169992

Project Number: 1128-2021-GW Report Date: 01/05/22

SAMPLE RESULTS

Lab ID: L2169992-01 Date Collected: 12/20/21 10:20

Client ID: MW-5S Date Received: 12/20/21 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	Analytical Method	Analyst
General Chemistry - W	estborough Lab									
Solids, Total Dissolved	2300		mg/l	10	3.1	1	-	12/27/21 06:40	121,2540C	DW



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2169992

Project Number: 1128-2021-GW Report Date: 01/05/22

SAMPLE RESULTS

Lab ID: L2169992-02 Date Collected: 12/20/21 10:20

Client ID: MW-5D Date Received: 12/20/21 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	Analytical Method	Analyst
General Chemistry - We	estborough Lab									
Solids, Total Dissolved	3200		mg/l	10	3.1	1	-	12/27/21 06:40	121,2540C	DW



L2169992

Project Name: T. DEWITT LANDFILL MONITORING Lab Number:

Project Number: 1128-2021-GW Report Date: 01/05/22

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - W	estborough Lab for sam	ple(s): 01	-02 Ba	itch: W	G1587700-1				
Solids Total Dissolved	ND	ma/l	10	3.1	1	_	12/27/21 06:40) 121.2540C	DW



Lab Control Sample Analysis Batch Quality Control

Project Name: T. DEWITT LANDFILL MONITORING

Lab Number: L2169992

Project Number: 1128-2021-GW

Parameter	LCS %Recovery Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab	Associated sample(s): 01-02	Batch: WG158770	0-2				
Solids, Total Dissolved	97	-		80-120	-		



Lab Duplicate Analysis

Batch Quality Control

Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Lab Number:

L2169992

Report Date:

01/05/22

Parameter	Native Sam	ple D	Ouplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab	Associated sample(s): 01-02	QC Batch ID:	WG1587700-3	QC Sample:	L2170118-01	Client ID:	DUP Sample
Solids, Total Dissolved	220		320	mg/l	37	Q	10



Project Name: T. DEWITT LANDFILL MONITORING

Project Number: 1128-2021-GW

Lab Number: L2169992 **Report Date:** 01/05/22

Sample Receipt and Container Information

YES

Were project specific reporting limits specified?

Cooler Information

Custody Seal Cooler

Α Absent

Container Info	rmation		Initial	Final	Temp			Frozen	
Container ID	Container Type	Cooler	рH	рН	deg C	Pres	Seal	Date/Time	Analysis(*)
L2169992-01A	Vial Na2S2O3 preserved	Α	NA		3.4	Υ	Absent		624.1(3)
L2169992-01B	Vial Na2S2O3 preserved	Α	NA		3.4	Υ	Absent		624.1(3)
L2169992-01C	Vial Na2S2O3 preserved	Α	NA		3.4	Υ	Absent		624.1(3)
L2169992-01D	Plastic 250ml unpreserved	Α	7	7	3.4	Υ	Absent		TDS-2540(7)
L2169992-01E	Plastic 250ml HNO3 preserved	Α	<2	<2	3.4	Υ	Absent		NI-UI(180),SB-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),TL-UI(180),AS- UI(180),PB-UI(180)
L2169992-02A	Vial Na2S2O3 preserved	Α	NA		3.4	Υ	Absent		624.1(3)
L2169992-02B	Vial Na2S2O3 preserved	Α	NA		3.4	Υ	Absent		624.1(3)
L2169992-02C	Vial Na2S2O3 preserved	Α	NA		3.4	Υ	Absent		624.1(3)
L2169992-02D	Plastic 250ml unpreserved	Α	7	7	3.4	Υ	Absent		TDS-2540(7)
L2169992-02E	Plastic 250ml HNO3 preserved	Α	<2	<2	3.4	Υ	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),AS-UI(180),CU- UI(180),PB-UI(180),TL-UI(180)
L2169992-03A	Vial Na2S2O3 preserved	Α	NA		3.4	Υ	Absent		624.1(3)
L2169992-03B	Vial Na2S2O3 preserved	Α	NA		3.4	Υ	Absent		624.1(3)
	Container ID L2169992-01A L2169992-01B L2169992-01C L2169992-01D L2169992-01E L2169992-02A L2169992-02B L2169992-02C L2169992-02C L2169992-02D L2169992-02E	L2169992-01A Vial Na2S2O3 preserved L2169992-01B Vial Na2S2O3 preserved L2169992-01C Vial Na2S2O3 preserved L2169992-01D Plastic 250ml unpreserved L2169992-01E Plastic 250ml HNO3 preserved L2169992-02A Vial Na2S2O3 preserved L2169992-02B Vial Na2S2O3 preserved L2169992-02C Vial Na2S2O3 preserved L2169992-02C Plastic 250ml unpreserved L2169992-02D Plastic 250ml unpreserved L2169992-02E Plastic 250ml HNO3 preserved	Container ID Container Type Cooler L2169992-01A Vial Na2S2O3 preserved A L2169992-01B Vial Na2S2O3 preserved A L2169992-01C Vial Na2S2O3 preserved A L2169992-01D Plastic 250ml unpreserved A L2169992-01E Plastic 250ml HNO3 preserved A L2169992-02A Vial Na2S2O3 preserved A L2169992-02B Vial Na2S2O3 preserved A L2169992-02C Vial Na2S2O3 preserved A L2169992-02D Plastic 250ml unpreserved A L2169992-02E Plastic 250ml HNO3 preserved A L2169992-03A Vial Na2S2O3 preserved A	Container ID Container Type Cooler PH L2169992-01A Vial Na2S2O3 preserved A NA L2169992-01B Vial Na2S2O3 preserved A NA L2169992-01C Vial Na2S2O3 preserved A NA L2169992-01D Plastic 250ml unpreserved A 7 L2169992-01E Plastic 250ml HNO3 preserved A NA L2169992-02A Vial Na2S2O3 preserved A NA L2169992-02B Vial Na2S2O3 preserved A NA L2169992-02C Vial Na2S2O3 preserved A NA L2169992-02D Plastic 250ml unpreserved A 7 L2169992-02E Plastic 250ml HNO3 preserved A <2	Container ID Container Type Cooler PH Initial PH L2169992-01A Vial Na2S2O3 preserved A NA L2169992-01B Vial Na2S2O3 preserved A NA L2169992-01C Vial Na2S2O3 preserved A NA L2169992-01D Plastic 250ml unpreserved A 7 7 L2169992-01E Plastic 250ml HNO3 preserved A NA L2169992-02A Vial Na2S2O3 preserved A NA L2169992-02B Vial Na2S2O3 preserved A NA L2169992-02C Vial Na2S2O3 preserved A NA L2169992-02D Plastic 250ml unpreserved A 7 7 L2169992-02E Plastic 250ml HNO3 preserved A A <2	Container ID Container Type Cooler PH Femple PH Temple PH PH Temple PH PH Temple PH Degree Cooler PH PH Temple PH Degree Cooler PH PH Degree Cooler PH PH Degree Cooler PH PH Degree Degree Cooler PH PH Degree Degree A	Container ID Container Type Cooler pH PH Hear deg C Pres L2169992-01A Vial Na2S2O3 preserved A NA 3.4 Y L2169992-01B Vial Na2S2O3 preserved A NA 3.4 Y L2169992-01C Vial Na2S2O3 preserved A NA 3.4 Y L2169992-01D Plastic 250ml unpreserved A 7 7 3.4 Y L2169992-01E Plastic 250ml HNO3 preserved A NA 3.4 Y L2169992-02A Vial Na2S2O3 preserved A NA 3.4 Y L2169992-02B Vial Na2S2O3 preserved A NA 3.4 Y L2169992-02C Vial Na2S2O3 preserved A NA 3.4 Y L2169992-02D Plastic 250ml unpreserved A 7 7 3.4 Y L2169992-03A Vial Na2S2O3 preserved A NA 3.4 Y	Container ID Container Type Cooler pH PH deg C Pres Seal L2169992-01A Vial Na2S2O3 preserved A NA 3.4 Y Absent L2169992-01B Vial Na2S2O3 preserved A NA 3.4 Y Absent L2169992-01C Vial Na2S2O3 preserved A NA 3.4 Y Absent L2169992-01D Plastic 250ml unpreserved A 7 7 3.4 Y Absent L2169992-01E Plastic 250ml HNO3 preserved A NA 3.4 Y Absent L2169992-02A Vial Na2S2O3 preserved A NA 3.4 Y Absent L2169992-02B Vial Na2S2O3 preserved A NA 3.4 Y Absent L2169992-02D Plastic 250ml unpreserved A 7 7 3.4 Y Absent L2169992-02E Plastic 250ml HNO3 preserved A A 2 2 3.4 Y Absent	Container ID Container Type Cooler PH PH PH deg C deg



Project Name: T. DEWITT LANDFILL MONITORING Lab Number: L2169992

Project Number: 1128-2021-GW Report Date: 01/05/22

GLOSSARY

Acronyms

EDL

LCSD

LOD

LOQ

MS

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.)

 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).

Laboratory Control Sample Duplicate: Refer to LCS.

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.

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.

 - 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.)

- 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.

 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. DEWITT LANDFILL MONITORINGLab Number:L2169992Project Number:1128-2021-GWReport Date:01/05/22

Footnotes

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

Terms

1

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.

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'.

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.

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.)

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.
- 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).
- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- 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.
- Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- 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.

Report Format: DU Report with 'J' Qualifiers



Project Name:T. DEWITT LANDFILL MONITORINGLab Number:L2169992Project Number:1128-2021-GWReport Date:01/05/22

Data Qualifiers

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

Report Format: DU Report with 'J' Qualifiers



Project Name:T. DEWITT LANDFILL MONITORINGLab Number:L2169992Project Number:1128-2021-GWReport Date:01/05/22

REFERENCES

- 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.



Alpha Analytical, Inc.
Facility: Company-wide

Department: Quality Assurance

Title: Certificate/Approval Program Summary

ID No.:**17873**

Revision 19

Published Date: 4/2/2021 1:14:23 PM Page 1 of 1

Certification Information

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

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: lodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene;

4-Ethyltoluene.

EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; EPA 353.2: Nitrate-N, Nitrite-N; SM4500NO3-F: Nitrate-N, Nitrite-N; SM4500F-C, SM4500CN-CE,

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; 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 II, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), EPA 600/4-81-045: PCB-Oil.

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

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

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

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

Document Type: Form

Pre-Qualtrax Document ID: 08-113

ДІРНА	CUSTODY Tonawanda, NY 14150: 275 Cooper Ave, Suite			Page 1 of 2					Rec'd Lab	121	ALPHA Job # L2\69992				
Westborough, MA 01581 8 Walkup Dr.	320 Forties Blvd	Project Information	-3.				Deliv	verable	-			_	Billing Information		
TEL: 508-898-9220 FAX: 508-898-9193	TEL: 508-822-9300 FAX: 508-822-3288	Project Name:	T. of Dewitt	Landfill Monl	fill Monitoring				A		ASP.		Same as Client Info		
1100 1000 100		Project Location:	Fisher Rd, E	ast Syracuse	e		Ų		S (1 File)	EQuIS (4 File)		PO #		
Client Information		Project #	1128-2021-0	GW			L	Othe							
Client: T. of Dew	itt c/o Kerne Fusco	(Use Project name as Pr	roject#)				Regulatory Requirement						Disposal Site Information		
Address: 5400 Butt	ernut Drive	Project Manager:	Gerry Gould	/Miller Engine	eers		NY TOGS NY Part 375						Please identify below location of applicable disposal facilities. Disposal Facility.		
East Syracuse, NY 13								AWQ	Standard	5	NYC	P-51			
Phone: (315) 569	-2144 cell	Turn-Around Time					E	NYR	estricted U	Jse [Other				
Fax:		Standard 🗹 Due Date:						NYU	nrestricted	Use			□ NJ □ NY		
Email: ggould@g	jouldgw.com	Rush (only if pre approved)	Rush (only if pre approved) # of Days:					NYC	Sewer Dis	charge			Other:		
These samples have t	re been previously analyzed by Alpha ANALYSIS					Sample Filtration									
Please specify Metal	c requirements/comm	ients.					624.1	PP Metals	TDS	FIELD Readings			☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)		
ALPHA Lab ID		101A 21	Colle		Sample	Sampler's	1	-		쁜					
(Lab Use Only)	Sa	ample ID	Date	Time	Matrix	Initials					in the same		Sample Specific Comments		
69992-01	MW-5S		12/20/21	1620	GW	AF	X	x	x	\neg	\top				
-02	MW-5D		12/20/21	1630	GW	ES	x	x	x						
	100		1-100/4	1050	011	1:3	-	-	1	1					
-03	Trip Blank		12/20/21		Lab Water		×						2		
A = None P = Plastic		Westboro: Certification No: MA935 Mansfield, Certification No: MA015		Container Type		tainer Type	v	Р	P	1			Please print clearly, legibly and completely. Samples ca		
						reservative	н	С	A				not be logged in and turnaround time clock will not start until any ambiguities are		
		Relinquished	By: Apc		e/Time 1			lived B		13	Date/Time 13/21/21 0005		resolved BY EXECUTING		
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