March | 20

Town of DeWitt Landfill
Annual Engineer's Report

DeWitt, New York

MILLER
ENGINEERS

www.MillerEngineers.com
Solutions@MillerEngineers.com | 315.682.0028

2019 Annual Post-Closure Monitoring Report
Town of Dewitt Landfill

Contents

Figures

Tables

Appendices

1. INTRODUCTION

Miller Engineers has been retained by the Town of Dewitt to observe, assist and document post-closure monitoring activities at the Town of Dewitt Landfill in East Syracuse, New York. This report summarizes post-closure monitoring activities conducted in 2019 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 (NYSEC) 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 being monitored under 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 March 2020.

3. LANDFILL RECONNAISSANCE

Site visits were performed during March, June, September, and November 2019 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 progress on the construction of a solar panel array. A summary of the observations is provided below. Appendix A presents the Inspection and Maintenance checklists completed during the June 17 and November 6, 2019 site visits. Appendix B provides a photographic log of typical conditions observed at the landfill during 2019.

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 (see Appendix B, Photos 2,3, 5 and 6.

During the November site visit, construction of the approximately 15-acre solar panel array was underway (see Appendix B, Photos 9 and 10). Temporary access roads were constructed on top of the landfill cover. Concrete solar panel frame supports have been placed on top of the grass cover. Grass has been compacted and stressed in some areas due to construction traffic, however the landfill cap appears in-tact and likely to fully recover in the spring when the growing season resumes.

Based on these observations, it appears that 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 June 2019 visit. All vent screens were free of debris and blockages and appeared to be operating as designed. Observations during the November 2019 visit indicate that solar panel construction structures and activity have not interfered 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 on June 17, 2019. 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 rip-rap overlying perforated drain pipe 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 2019 site visits the ditches were observed to be 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 southerly-most portion of Fisher Road (see Figure 1). In March and June the access road was observed to be in good repair with no washouts and no impassable dips or ruts. In November a temporary construction storage and staging area was in use at the access gate. An additional temporary gate was installed approximately 250 feet north of the permanent gate to accommodate construction vehicles.

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 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. However, a hole in the gate fencing is large enough to allow a small person to crawl through. Additionally, recreational ATV traffic and snowmobile tracks have been observed, at various times of the year, circumventing the fence and accessing the landfill.

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

3.5 Monitoring Wells

There are a total of 18 monitoring at the site. The wells are located outside the perimeter of the landfill. Well MW-1S and MW-11S 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.

4.1 Surface Water Sampling

The MMOM requires that surface water samples 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 27, June 4, and September 5, 2019. Samples were not collected during the scheduled December sampling event due frozen conditions.

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 no exceedances of SCGs for any parameter at locations SW-1, SW-2 and SW-3 in any of the sampling rounds.

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 C.

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 June 14 and 17, 2019.

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 the laboratory report 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 NYSEDC "*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 one of the shallow wells. The SCG for chromium was exceeded at upgradient well MW-10S. No other metals exceeded SCGs at any other wells.

The VOC 1,2-dichloroethene exceeded SCGs at MW-4D, MW-4S and MW-5S. Vinyl chloride exceeded SCGs at 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 C.

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 June 17, 2019 using a GEM 2000 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 with the laboratory report in Appendix C. The field results indicated that gas vents V-3, V-9 and V-11 exhibited the highest gas velocities and gas samples were collected from those locations for laboratory analysis of VOCs using EPA Method TO-15.

Soil vent gas sampling results we compared to SCGs established in NYSDEC "*Division of Air Resources (DAR-1) Guidelines for the Control of Toxic Ambient Air Contaminants, 1997.*"

The results indicate the SCG for n-hexane was exceeded in sample V-3. No other DAR-1 analytes exceeded SCGs at any other 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 C.

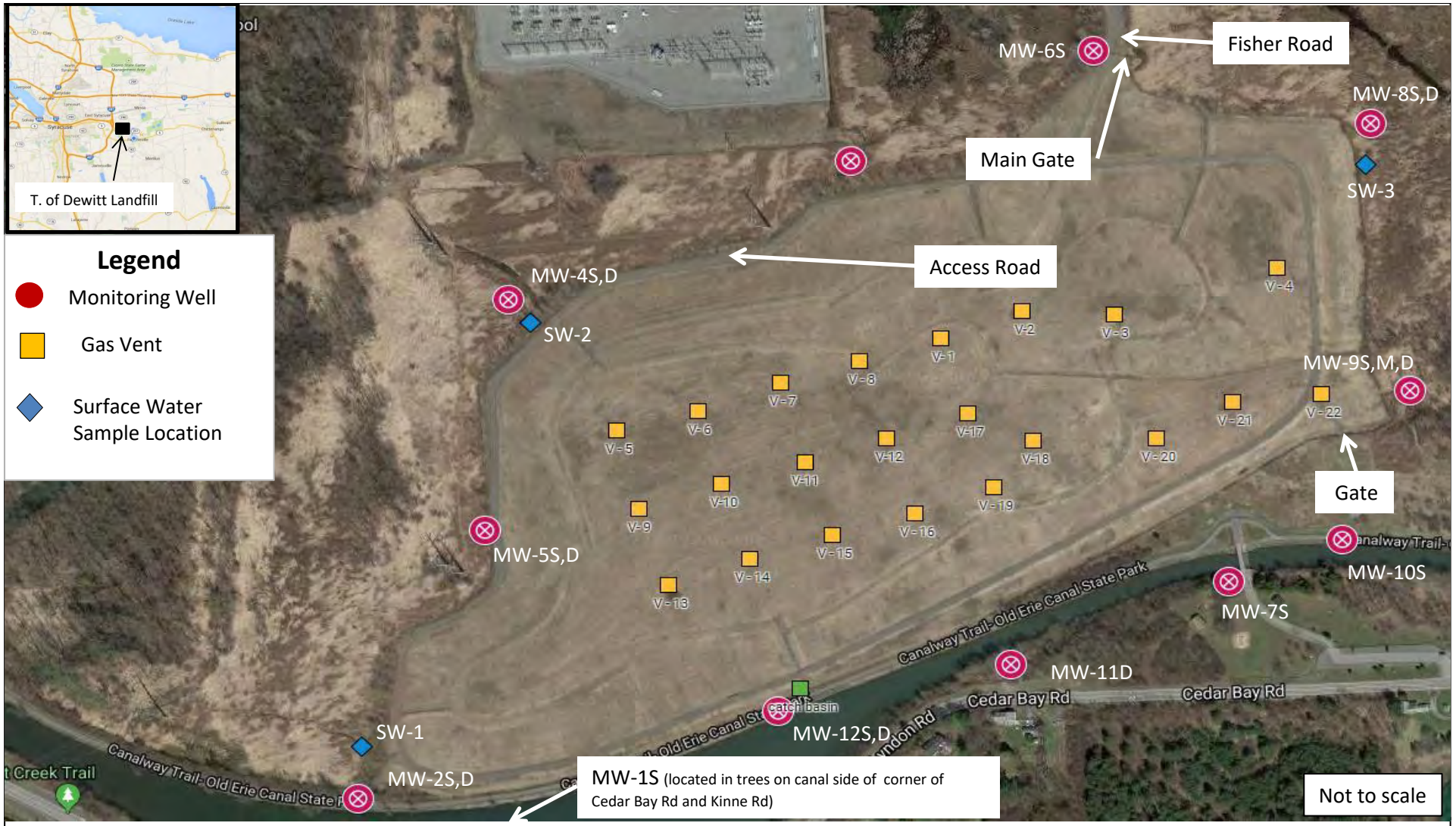
5. CONCLUSION

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.
- Inspect the landfill cap for damage or stresses due to construction activities at the conclusion of solar panel installation.

FIGURES



Town of Dewitt Landfill
Fisher Road
East Syracuse, New York

Site Map

FIGURE
1

TABLES

Table 1.
Monitoring Well Specifications
Town Of Dewitt Landfill

ID	Well Diameter (inches)	Depth to Bottom (feet below ground surface)	Depth to Bottom (feet below top of casing)	Approximate Depth to Water from Top of Casing (feet)
MW-1S	2	20	21	13
MW-2S	2	37	35.5	12
MW-2D	2	52	52	12
MW-3S	2	36	35.6	3
MW-4S	2	17	20	2
MW-4D	2	33	35.3	1
MW-5S	2	24	26.6	2
MW-5D	2	43	45	2
MW-6S	2	22	21.7	4
MW-7S	2	24	22.4	14
MW-8S	2	26	29.2	0*
MW-8D	2	58	61.3	1
MW-9S	2	10	12.4	1
MW-9M	2	36	38	2
MW-9D	2	52	55	51**
MW-10S	2	20	20.6	11
MW-11S	2	36	39	28
MW-12S	2	21	23	9

* this well flows at times

** this well dry at times

Table 2a.
Surface Water Sampling Results
SW-1
Town of Dewitt Landfill
2019

Analyte	Unit	SCG*	3/27/2019 SW-1	6/4/2019 SW-1	9/5/2019 SW-1	Dec-19 SW-1
Antimony	mg/l	0.003	ND	ND	ND	frozen
Arsenic	mg/l	0.025	ND	**.0044 J**	ND	frozen
Beryllium	mg/l	0.003	ND	ND	ND	frozen
Cadmium	mg/l	0.005	ND	ND	ND	frozen
Chromium	mg/l	0.05	ND	**.0026 J**	ND	frozen
Copper	mg/l	0.2	ND	ND	**0.0055 J**	frozen
Lead	mg/l	0.025	ND	ND	ND	frozen
Mercury	mg/l	0.0007	ND	ND	ND	frozen
Nickel	mg/l	0.1	ND	ND	ND	frozen
Selenium	mg/l	0.01	ND	ND	ND	frozen
Silver	mg/l	0.05	ND	ND	ND	frozen
Thallium	mg/l	0.0005	ND	ND	ND	frozen
Zinc	mg/l	2	**0.0028 J**	ND	**0.012**	frozen
Total Dissolved Solids	mg/L	---	**363**	**1510**	**558 B**	frozen
cis-1,3-Dichloropropene	ug/L	5	ND	ND	ND	frozen
1,1,1-Trichloroethane	ug/L	5	ND	ND	ND	frozen
1,1,2,2-Tetrachloroethane	ug/L	1	ND	ND	ND	frozen
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	frozen
1,1-Dichloroethane	ug/L	5	ND	**0.43 J**	ND	frozen
1,1-Dichloroethene	ug/L	3	ND	ND	ND	frozen
1,2-Dichlorobenzene	ug/L	0.6	ND	ND	ND	frozen
1,2-Dichloroethane	ug/L	5	ND	ND	ND	frozen
1,2-Dichloroethene, Total	ug/L	5	ND	ND	ND	frozen
1,2-Dichloropropane	ug/L	3	ND	ND	ND	frozen
1,3-Dichlorobenzene	ug/L	3	ND	ND	ND	frozen
1,4-Dichlorobenzene	ug/L	---	ND	ND	ND	frozen
2-Chloroethyl vinyl ether	ug/L	5	ND	ND	ND	frozen
Acrolein	ug/L	5	ND	ND	ND	frozen
Acrylonitrile	ug/L	1	ND	ND	ND	frozen
Benzene	ug/L	50	ND	ND	ND	frozen
Bromoform	ug/L	5	ND	ND	ND	frozen
Bromomethane	ug/L	5	ND	ND	ND	frozen
Carbon tetrachloride	ug/L	5	ND	ND	ND	frozen
Chlorobenzene	ug/L	50	ND	**2.7**	ND	frozen
Chlorodibromomethane	ug/L	5	ND	ND	ND	frozen
Chloroethane	ug/L	7	ND	**5.9**	ND	frozen
Chloroform	ug/L	5	ND	ND	ND	frozen
Chloromethane	ug/L	---	ND	ND	ND	frozen
Dichlorobromomethane	ug/L	50	ND	ND	ND	frozen
Ethylbenzene	ug/L	5	ND	ND	ND	frozen
Methylene Chloride	ug/L	5	ND	ND	ND	frozen
Tetrachloroethene	ug/L	5	ND	ND	ND	frozen
Toluene	ug/L	5	ND	ND	ND	frozen
trans-1,2-Dichloroethene	ug/L	5	ND	ND	ND	frozen
trans-1,3-Dichloropropene	ug/L	---	ND	ND	ND	frozen
Trichloroethene	ug/L	5	ND	ND	ND	frozen
Vinyl chloride	ug/L	2	ND	ND	ND	frozen

* Standard, Criteria or guideline - NYSDEC TOGS 1.1.1 - Ambient Water Quality Standards and Guidance Values, June 2004

--- no standard

- Concentration exceeds standard

ND - non-detect

J - value is estimated

B - Compound was found in blank

Table 2b.
Surface Water Sampling Results
SW-2
Town of Dewitt Landfill
2019

Analyte	Unit	SCG*	3/27/2019 SW-2	6/4/2019 SW-2	9/5/2019 SW-2	Dec-19 SW-2
Antimony	mg/l	0.003	ND	ND	ND	frozen
Arsenic	mg/l	0.025	ND	**.0032 J**	ND	frozen
Beryllium	mg/l	0.003	ND	ND	ND	frozen
Cadmium	mg/l	0.005	ND	ND	ND	frozen
Chromium	mg/l	0.05	ND	ND	ND	frozen
Copper	mg/l	0.2	ND	ND	**0.0043 J**	frozen
Lead	mg/l	0.025	ND	ND	ND	frozen
Mercury	mg/l	0.0007	ND	ND	ND	frozen
Nickel	mg/l	0.1	ND	ND	**0.0027 J**	frozen
Selenium	mg/l	0.01	ND	ND	ND	frozen
Silver	mg/l	0.05	ND	ND	ND	frozen
Thallium	mg/l	0.0005	ND	ND	ND	frozen
Zinc	mg/l	2	**0.0049 J**	ND	**0.0094 J**	frozen
Total Dissolved Solids	mg/L	---	**507**	**431**	**632 B**	frozen
cis-1,3-Dichloropropene	ug/L	5	ND	ND	ND	frozen
1,1,1-Trichloroethane	ug/L	5	ND	ND	ND	frozen
1,1,2,2-Tetrachloroethane	ug/L	1	ND	ND	ND	frozen
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	frozen
1,1-Dichloroethane	ug/L	5	ND	ND	ND	frozen
1,1-Dichloroethene	ug/L	3	ND	ND	ND	frozen
1,2-Dichlorobenzene	ug/L	0.6	ND	ND	ND	frozen
1,2-Dichloroethane	ug/L	5	ND	ND	ND	frozen
1,2-Dichloroethene, Total	ug/L	5	ND	ND	ND	frozen
1,2-Dichloropropane	ug/L	3	ND	ND	ND	frozen
1,3-Dichlorobenzene	ug/L	3	ND	ND	ND	frozen
1,4-Dichlorobenzene	ug/L	---	ND	ND	ND	frozen
2-Chloroethyl vinyl ether	ug/L	5	ND	ND	ND	frozen
Acrolein	ug/L	5	ND	ND	ND	frozen
Acrylonitrile	ug/L	1	ND	ND	ND	frozen
Benzene	ug/L	50	ND	ND	ND	frozen
Bromoform	ug/L	5	ND	ND	ND	frozen
Bromomethane	ug/L	5	ND	ND	ND	frozen
Carbon tetrachloride	ug/L	5	ND	ND	ND	frozen
Chlorobenzene	ug/L	50	ND	ND	ND	frozen
Chlorodibromomethane	ug/L	5	ND	ND	ND	frozen
Chloroethane	ug/L	7	ND	ND	ND	frozen
Chloroform	ug/L	5	ND	ND	ND	frozen
Chloromethane	ug/L	---	ND	ND	ND	frozen
Dichlorobromomethane	ug/L	50	ND	ND	ND	frozen
Ethylbenzene	ug/L	5	ND	ND	ND	frozen
Methylene Chloride	ug/L	5	ND	ND	ND	frozen
Tetrachloroethene	ug/L	5	ND	ND	ND	frozen
Toluene	ug/L	5	ND	ND	ND	frozen
trans-1,2-Dichloroethene	ug/L	5	ND	ND	ND	frozen
trans-1,3-Dichloropropene	ug/L	---	ND	ND	ND	frozen
Trichloroethene	ug/L	5	ND	ND	ND	frozen
Vinyl chloride	ug/L	2	ND	**0.62 J**	ND	frozen

* Standard, Criteria or guideline - NYSDEC TOGS 1.1.1 - Ambient Water Quality Standards and Guidance Values, June 2004

--- no standard

- Concentration exceeds standard

ND - non-detect

J - value is estimated

B - Compound was found in blank

Table 2c.
Surface Water Sampling Results
SW-3
Town of Dewitt Landfill
2019

Analyte	Unit	SCG*	3/27/2019 SW-3	6/4/2019 SW-3	9/5/2019 SW-3	Dec-19 SW-3
Antimony	mg/l	0.003	ND	ND	ND	frozen
Arsenic	mg/l	0.025	ND	**.0027 J**	ND	frozen
Beryllium	mg/l	0.003	ND	ND	ND	frozen
Cadmium	mg/l	0.005	ND	ND	ND	frozen
Chromium	mg/l	0.05	ND	ND	ND	frozen
Copper	mg/l	0.2	ND	ND	**0.0031 J**	frozen
Lead	mg/l	0.025	ND	ND	ND	frozen
Mercury	mg/l	0.0007	ND	ND	ND	frozen
Nickel	mg/l	0.1	ND	ND	ND	frozen
Selenium	mg/l	0.01	ND	ND	ND	frozen
Silver	mg/l	0.05	ND	ND	ND	frozen
Thallium	mg/l	0.0005	ND	ND	ND	frozen
Zinc	mg/l	2	**0.0020 J**	ND	**0.0080 J**	frozen
Total Dissolved Solids	mg/L	---	**300**	**854**	**596 B**	frozen
cis-1,3-Dichloropropene	ug/L	5	ND	ND	ND	frozen
1,1,1-Trichloroethane	ug/L	5	ND	ND	ND	frozen
1,1,2,2-Tetrachloroethane	ug/L	1	ND	ND	ND	frozen
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	frozen
1,1-Dichloroethane	ug/L	5	ND	ND	ND	frozen
1,1-Dichloroethene	ug/L	3	ND	ND	ND	frozen
1,2-Dichlorobenzene	ug/L	0.6	ND	ND	ND	frozen
1,2-Dichloroethane	ug/L	5	ND	ND	ND	frozen
1,2-Dichloroethene, Total	ug/L	5	ND	ND	ND	frozen
1,2-Dichloropropane	ug/L	3	ND	ND	ND	frozen
1,3-Dichlorobenzene	ug/L	3	ND	ND	ND	frozen
1,4-Dichlorobenzene	ug/L	---	ND	ND	ND	frozen
2-Chloroethyl vinyl ether	ug/L	5	ND	ND	ND	frozen
Acrolein	ug/L	5	ND	ND	ND	frozen
Acrylonitrile	ug/L	1	ND	ND	ND	frozen
Benzene	ug/L	50	ND	ND	ND	frozen
Bromoform	ug/L	5	ND	ND	ND	frozen
Bromomethane	ug/L	5	ND	ND	ND	frozen
Carbon tetrachloride	ug/L	5	ND	ND	ND	frozen
Chlorobenzene	ug/L	50	ND	ND	ND	frozen
Chlorodibromomethane	ug/L	5	ND	ND	ND	frozen
Chloroethane	ug/L	7	ND	ND	ND	frozen
Chloroform	ug/L	5	ND	ND	ND	frozen
Chloromethane	ug/L	---	ND	ND	ND	frozen
Dichlorobromomethane	ug/L	50	ND	ND	ND	frozen
Ethylbenzene	ug/L	5	ND	ND	ND	frozen
Methylene Chloride	ug/L	5	ND	ND	ND	frozen
Tetrachloroethene	ug/L	5	ND	ND	ND	frozen
Toluene	ug/L	5	ND	ND	**0.55 J**	frozen
trans-1,2-Dichloroethene	ug/L	5	ND	ND	ND	frozen
trans-1,3-Dichloropropene	ug/L	---	ND	ND	ND	frozen
Trichloroethene	ug/L	5	ND	ND	ND	frozen
Vinyl chloride	ug/L	2	ND	ND	ND	frozen

* Standard, Criteria or guideline - NYSDEC TOGS 1.1.1 - Ambient Water Quality Standards and Guidance Values, June 2004

--- no standard

- Concentration exceeds standard

ND - non-detect

J - value is estimated

B - Compound was found in blank

Table 3a.
Groundwater Sampling Results
Shallow Monitoring Wells
Town of Dewitt Landfill
June 2019

Analyte	Unit	SCG*	6/14/19 MW-1S	6/17/19 MW-2S	6/17/19 MW-3S	6/14/19 MW-4S	6/17/19 MW-5S	6/14/19 MW-6S	6/14/19 MW-7S	6/14/19 MW-8S	6/17/19 MW-9S	6/17/19 MW-10S	6/17/19 MW-12S
Antimony	ug/L	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	ug/L	25	ND	ND	**5.8 J**	**4.1 J**	**8.3 J**	**13.6 J**	ND	**4.8 J**	**3.6 J**	ND	ND
Beryllium	ug/L	3	ND	ND	ND	ND	ND	ND	**0.23 J**	ND	ND	ND	ND
Cadmium	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	ug/L	50	**3.4 J**	**2.4 J**	**16.0**	**3.0 J**	**5.4 J**	**1.8 J**	**13.2**	**7.1 J**	**1.3 J**	**140**	ND
Copper	ug/L	200	ND	ND	ND	ND	**6.7 J**	ND	ND	ND	ND	**12.3 J**	ND
Lead	ug/L	25	ND	ND	ND	ND	**2.9 J**	ND	ND	ND	ND	**4.7 J**	ND
Mercury	ug/L	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	ug/L	100	**3.2 J**	**2.6 J**	**6.4 J**	ND	**4.5 J**	**2.6 J**	ND	ND	**2.9 J**	**10.7 J**	ND
Selenium	ug/L	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	ug/L	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	ug/L	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	ug/L	2000	**4.5 J**	**9.6 J**	ND	**5.1 J**	**16.5 J**	ND	ND	ND	ND	**109**	**9.5 J**
Total Dissolved Solids	mg/L	---	**1900**	**1800**	**1740**	**3030**	**3450**	**1430**	**1520**	**1300**	**1250**	**1610**	**1400**
1,1,1-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	**0.32 J**	ND	ND
1,1-Dichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethene, Total	ug/L	5	ND	ND	ND	**67**	**4.2**	ND	ND	ND	**1.1 J**	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ug/L	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	ug/L	---	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrolein	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/L	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	5	ND	ND	**0.47 J**	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND	**0.43 J**	ND	ND
Chloromethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ug/L	---	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorobromomethane	ug/L	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ug/L	5	ND	ND	ND	**0.78 J**	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	ug/L	---	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	ND	ND	**0.39 J**	ND	ND	ND	ND	**0.71 J**	ND
Vinyl chloride	ug/L	2	ND	ND	ND	**4.4**	**1.0**	ND	ND	**69**	**0.59 J**	ND	ND

* Standard, Criteria or guideline - NYSDEC TOGS 1.1.1 - Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (PDF), June 2004

--- no standard

ND - non-detect

J - estimated

- Concentration exceeds Standard

Table 3b.
Groundwater Sampling Results
Deep Monitoring Wells
Town of Dewitt Landfill
June 2019

Analyte	Unit	SCG*	6/17/19 MW-2D	6/14/2019 MW-4D	6/17/19 MW-5D	6/14/2019 MW-8D	6/17/19 MW-9M	6/14/2019 MW-9D	6/17/19 MW-11D
Antimony	ug/L	3	ND	ND	ND	ND	ND	dry	ND
Arsenic	ug/L	25	ND	**5.9 J**	ND	**12.7 J**	**26.9**	dry	ND
Beryllium	ug/L	3	ND	ND	ND	ND	ND	dry	ND
Cadmium	ug/L	5	ND	ND	ND	ND	ND	dry	ND
Chromium	ug/L	50	ND	**1.9 J**	ND	**1.4 J**	ND	dry	**90.2**
Copper	ug/L	200	ND	ND	ND	ND	ND	dry	**6.8 J**
Lead	ug/L	25	ND	ND	ND	ND	ND	dry	**2.6 J**
Mercury	ug/L	0.7	ND	ND	ND	ND	ND	dry	ND
Nickel	ug/L	100	ND	ND	**2.6 J**	ND	**8.3 J**	dry	**38.7 J**
Selenium	ug/L	10	ND	ND	ND	ND	ND	dry	ND
Silver	ug/L	50	ND	ND	ND	ND	ND	dry	ND
Thallium	ug/L	0.5	ND	ND	ND	ND	ND	dry	ND
Zinc	ug/L	2000	ND	ND	ND	**3.7 J**	ND	dry	**10.8 J**
Total Dissolved Solids	mg/L	---	**2490**	**3080**	**2550**	**2500**	**1410**	dry	**1090**
1,1,1-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	dry	ND
1,1,2,2-Tetrachloroethane	ug/L	5	ND	ND	ND	ND	ND	dry	ND
1,1,2-Trichloroethane	ug/L	1	ND	ND	ND	ND	ND	dry	ND
1,1-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	dry	ND
1,1-Dichloroethene	ug/L	5	ND	**0.18 J**	ND	ND	ND	dry	ND
1,2-Dichlorobenzene	ug/L	3	ND	ND	ND	ND	ND	dry	ND
1,2-Dichloroethane	ug/L	0.6	ND	ND	ND	ND	ND	dry	ND
1,2-Dichloroethene, Total	ug/L	5	ND	**140**	ND	**1.8 J**	ND	dry	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	dry	ND
1,3-Dichlorobenzene	ug/L	3	ND	ND	ND	ND	ND	dry	ND
1,4-Dichlorobenzene	ug/L	3	ND	ND	ND	ND	ND	dry	ND
2-Chloroethyl vinyl ether	ug/L	---	ND	ND	ND	ND	ND	dry	ND
Acrolein	ug/L	5	ND	ND	ND	ND	ND	dry	ND
Acrylonitrile	ug/L	5	ND	ND	ND	ND	ND	dry	ND
Benzene	ug/L	1	ND	ND	ND	ND	ND	dry	ND
Bromoform	ug/L	50	ND	ND	ND	ND	ND	dry	ND
Bromomethane	ug/L	5	ND	ND	ND	ND	ND	dry	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	dry	ND
Chlorobenzene	ug/L	5	ND	ND	ND	ND	ND	dry	ND
Chlorodibromomethane	ug/L	50	ND	ND	ND	ND	ND	dry	ND
Chloroethane	ug/L	5	ND	ND	ND	ND	ND	dry	ND
Chloroform	ug/L	7	ND	**0.58 J**	ND	ND	ND	dry	ND
Chloromethane	ug/L	5	ND	ND	ND	ND	ND	dry	ND
cis-1,3-Dichloropropene	ug/L	---	ND	ND	ND	ND	ND	dry	ND
Dichlorobromomethane	ug/L	50	ND	ND	ND	ND	ND	dry	ND
Ethylbenzene	ug/L	5	ND	ND	ND	ND	ND	dry	ND
Methylene Chloride	ug/L	5	ND	ND	ND	ND	ND	dry	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	dry	ND
Toluene	ug/L	5	ND	ND	ND	ND	ND	dry	ND
trans-1,2-Dichloroethene	ug/L	5	ND	**1.3**	ND	ND	ND	dry	ND
trans-1,3-Dichloropropene	ug/L	---	ND	ND	ND	ND	ND	dry	ND
Trichloroethene	ug/L	5	ND	**22**	ND	ND	ND	dry	ND
Vinyl chloride	ug/L	2	ND	**6.7**	0.60 J	ND	**80**	dry	ND

* Standard, Criteria or guideline - NYSDEC TOGS 1.1.1 - Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (PDF), June 2004

** Not sampled. Well covered by blacktop.

--- no standard

- Concentration exceeds Standard

J - Result is less than the RL but >= MDL and the concentration is an approximate value.

E - calibration range exceeded

Table 4.
Gas Vent Sampling Results
Town of Dewitt Landfill
June 17, 2019

Analyte	Unit	Standard*		Sample ID		
		SGC[1]	AGC[2]	V-3	V-9	V-11
1,1,1-Trichloroethane	ppb v/v	3,000	0.13	ND	ND	ND
1,1,2,2-Tetrachloroethane	ppb v/v	---	16	ND	ND	ND
1,1,2-Trichloroethane	ppb v/v	---	1.4	ND	ND	ND
1,1-Dichloroethane	ppb v/v	---	1.4	ND	ND	ND
1,1-Dichloroethene	ppb v/v	---	1.4	ND	ND	ND
1,2,4-Trichlorobenzene	ppb v/v	---	---	ND	ND	ND
1,2,4-Trimethylbenzene	ppb v/v	---	290	ND	ND	ND
1,2-Dibromoethane	ppb v/v	---	0.0017	ND	ND	ND
1,2-Dichlorobenzene	ppb v/v	30,000	360	ND	ND	ND
1,2-Dichloroethane	ppb v/v	30,000	360	ND	ND	ND
1,2-Dichloroethene, Total	ppb v/v	---	63	ND	ND	ND
1,2-Dichloropropane	ppb v/v	30,000	360	ND	ND	ND
1,2-Dichlorotetrafluoroethane	ppb v/v	---	17000	**43**	**34**	**36**
1,3,5-Trimethylbenzene	ppb v/v	---	290	ND	ND	ND
1,3-Butadiene	ppb v/v	---	290	ND	ND	ND
1,3-Dichlorobenzene	ppb v/v	30,000	360	ND	ND	ND
1,4-Dichlorobenzene	ppb v/v	---	0.09	ND	ND	ND
1,4-Dioxane	ppb v/v	---	0.09	ND *	ND *	ND *
2,2,4-Trimethylpentane	ppb v/v	---	3,300	**260**	**120**	**220**
2-Chlorotoluene	ppb v/v	---	620	ND	ND	ND
3-Chloropropene	ppb v/v	---	0.25	ND	ND	ND
4-Ethyltoluene	ppb v/v	---	---	ND	ND	ND
4-Isopropyltoluene	ppb v/v	---	---	ND	ND	ND
Acetone	ppb v/v	180,000	28,000	ND	ND	ND
Benzene	ppb v/v	1300	0.13	ND	ND	ND
Benzyl chloride	ppb v/v	1,300	0.13	ND	ND	ND
Bromodichloromethane	ppb v/v	240	0.02	ND	ND	ND
Bromoethene(Vinyl Bromide)	ppb v/v	---	3.00	ND	ND	ND
Bromoform	ppb v/v	---	0.91	ND	ND	ND
Bromomethane	ppb v/v	3,900	5	ND	ND	ND
Carbon disulfide	ppb v/v	6,200	700	ND	ND	ND
Carbon tetrachloride	ppb v/v	1,900	0.067	ND	ND	ND
Chlorobenzene	ppb v/v	---	110	ND	ND	ND
Chloroethane	ppb v/v	---	10,000	ND	**42**	ND
Chloroform	ppb v/v	150	0.043	ND	ND	ND
Chloromethane	ppb v/v	22,000	90	ND	ND	ND
cis-1,2-Dichloroethene	ppb v/v	---	63	ND	ND	ND
cis-1,3-Dichloropropene	ppb v/v	---	0.25	ND	ND	ND
Cumene	ppb v/v	---	400	ND	ND	ND
Cyclohexane	ppb v/v	---	6,000	**240**	**130**	**130**
Dibromochloromethane	ppb v/v	14,000	2.1	ND	ND	ND
Dichlorodifluoromethane	ppb v/v	---	12,000	**370**	**48**	**65**
Ethylbenzene	ppb v/v	54,000	1,000	**31**	ND	**48**
Freon 22	ppb v/v	---	---	**2700**	**1900**	**860**
Freon TF	ppb v/v	---	---	ND	ND	ND
Hexachlorobutadiene	ppb v/v	---	0.045	ND	ND	ND
Isopropyl alcohol	ppb v/v	98,000	7,000	ND	ND	ND
m,p-Xylene	ppb v/v	4,300	100	ND	ND	ND
Methyl Butyl Ketone (2-Hexanone)	ppb v/v	4,000	48	ND	ND	ND
Methyl Ethyl Ketone	ppb v/v	13,000	5,000	ND	ND	ND
methyl isobutyl ketone	ppb v/v	31,000	3,000	ND	ND	ND
Methyl methacrylate	ppb v/v	41,000	700	ND	ND	ND
Methyl tert-butyl ether	ppb v/v	---	3,000	ND	ND	ND
Methylene Chloride	ppb v/v	14,000	2.1	ND	ND	ND
Naphthalene	ppb v/v	7,900	3	ND	ND	ND
n-Butane	ppb v/v	238,000	---	**3300**	**1900**	**2300**
n-Butylbenzene	ppb v/v	---	---	ND	ND	ND
n-Heptane	ppb v/v	21000	3,900	**200**	**32**	**99**
n-Hexane	ppb v/v	---	700	**740**	**230**	**630**
n-Propylbenzene	ppb v/v	54000	1000	ND	ND	ND
sec-Butylbenzene	ppb v/v	---	---	ND	ND	ND
Styrene	ppb v/v	17,000	1,000	ND	ND	ND
tert-Butyl alcohol	ppb v/v	---	720	ND	ND	ND
tert-Butylbenzene	ppb v/v	---	---	ND	ND	ND
Tetrachloroethene	ppb v/v	1,000	1	ND	ND	ND
Tetrahydrofuran	ppb v/v	30,000	350	ND	ND	ND
Toluene	ppb v/v	37,000	5,000	ND	ND	ND
trans-1,2-Dichloroethene	ppb v/v	---	63	ND	ND	ND
trans-1,3-Dichloropropene	ppb v/v	---	0.250	ND	ND	ND
Trichloroethene	ppb v/v	---	0.25	ND	ND	ND
Trichlorofluoromethane	ppb v/v	9000	5000	ND	**55**	**82**
Vinyl chloride	ppb v/v	180,000	0.11	ND	ND	ND
Xylene (total)	ppb v/v	22000	100	ND	ND	ND
Xylene, o-	ppb v/v	4,300	100	ND	ND	ND

* New York State Department of Envrionmental Conservation Division of Air resources (DAR-1) Guidelines for the Control of Toxic Ambient Air Contaminants, 1997.

[1]SGC - Short-term Guideline Concentration

[2]AGC - Annual Guideline Concentration

- Concentration exceeds standard

APPENDICES

Appendix A
Inspection and Maintenance Checklist

Town of Dewitt Landfill
Inspection and Maintenance Checklist

Date: 6/17/18

Inspector(s): Gerry Gould

Weather: partly cloudy, 68° F no wind, rain previous 2 days

Landfill Component	Photos	Observations/Comments
A. Security and Access		
1. Gate(s) secure and locked	✓	new temporary gate has been installed approx 100' outside the existing Fisher Ridgate. Fence reportedly installed 6/14/19
2. Fencing in good repair (no burrows, holes, or bent posts and rails).	✓	old gate has hole, new fence is good canal boundary fence in good shape
B. Access Road(s)		
1. Crushed stone or blacktop in tact		some grass growing through stone overall, access road is in good shape
2. No ruts or washouts		2 sets of tractor ruts from mower
C. Landfill Cap		
1. Mowing status	✓	moved on 6/14/19
2. Erosion observations		none observed
3. Settling, flat spots or depressions	✓	Depression w/water at V-7, V-6 and V-13 water at V-7 is about 12" deep
4. Stressed vegetation, bare spots		none, grass is well established
5. Deep rooted, woody growth	✓	none, grass cutting has been effective -some phragmites near some gas vents
D. Gas venting and/or collection		
1. Vents upright and undamaged	✓	vents are ok
2. Unobstructed openings	✓	perforations are generally clear
3. Settlement and/or boot integrity	✓	-Settlement at vents listed above -standing water suggests boot seals are effective

Town of Dewitt Landfill
Inspection and Maintenance Checklist

E. Surface Water Control		
1. Swales, ditches and down chutes unobstructed	✓	All contain low vegetative growth but flow is not inhibited
2. Culverts open and clear		Yes
3. Catch basins and manholes		many cover with grass, but working effectively
F. Monitoring Locations		
1. Monitoring Wells locked, labeled and in tact		samplers report that wells are in good shape
2. Surface water and/or leachate locations identifiable and accessible.		Yes

General Observations:

Overall the grass cover and cap are in good shape. Mowing has been effective. An unusually wet spring has not caused any obvious erosion or flow blockages. There is a new birdhouse approx 15' high in a perimeter tree near MW-5 D,S. Also, a new temporary fence has been installed near the Main gate on Fisher Rd.

Signed: Gerald Gall

Corrective Actions

Inspection Area No.	Solution	Person responsible
none required		

Town of Dewitt Landfill
Inspection and Maintenance Checklist

Inspector(s): G. Gould

Date: 11/6/2019

Weather: Sunny, Clear 44° F

Landfill Component	Photos	Observations/Comments
A. Security and Access		
1. Gate(s) secure and locked		Solar Panel construction crew is controlling access using double gate system
2. Fencing in good repair (no burrows, holes, or bent posts and rails).	✓	Yes
B. Access Road(s)		
1. Crushed stone or blacktop in tact		yes, Temporary roads have been constructed for solar panel project
2. No ruts or washouts		maintained by solar contractors
C. Landfill Cap		
1. Mowing status		Grass is short from recent mowing
2. Erosion observations		None
3. Settling, flat spots or depressions		settling near some vents
4. Stressed vegetation, bare spots		some wet spots, some stressed grass from construction traffic.
5. Deep rooted, woody growth		None observed
D. Gas venting and/or collection		
1. Vents upright and undamaged		yes
2. Unobstructed openings		not checked
3. Settlement and/or boot integrity		OK

Town of Dewitt Landfill
Inspection and Maintenance Checklist

E. Surface Water Control		
1. Swales, ditches and down chutes unobstructed	✓	yes
2. Culverts open and clear	✓	yes
3. Catch basins and manholes	✓	yes
F. Monitoring Locations		
1. Monitoring Wells locked, labeled and in tact	✓	yes
2. Surface water and/or leachate locations identifiable and accessible.	✓	yes

General Observations:
Solar panel construction is well underway, Approx 10 rows of framing and supports are partially built. Temporary roads, piping for concrete pumping and temporary supply storage cover significant portions of the landfil top. The cap appears to be undamaged and vegetation is kragely in tact

Signed: Gerald Gorle

Corrective Actions

Inspection Area No.	Solution	Person responsible
D-3 Vent-13	Fill depression	DPW

Appendix B
Photographic Log

Photographic Log

Photo 1. Fisher Road temporary access gate facing north – June 2019.

Photo 2. Drainage down chute in good condition without woody plants – June 2019.

Photo 3. Tall grasses growing next to gas vent - June 2019.

Photo 4. Gas vent screen is clear of blockages allowing gas to vent properly – June 2019.

Photo 5. Perimeter access road viewing south toward Erie Canal. Mowing recently completed. – June 2019.

Photo 6. Tractor ruts in healthy grass cover viewing south from north flank of landfill. – June 2019.

Photo 7. Viewing west along fenced southern boundary with Erie Canal. – June 2019.

Photo 8. Ponded water in settled area at vent V-5. To be repaired during solar panel construction. . – June 2019.

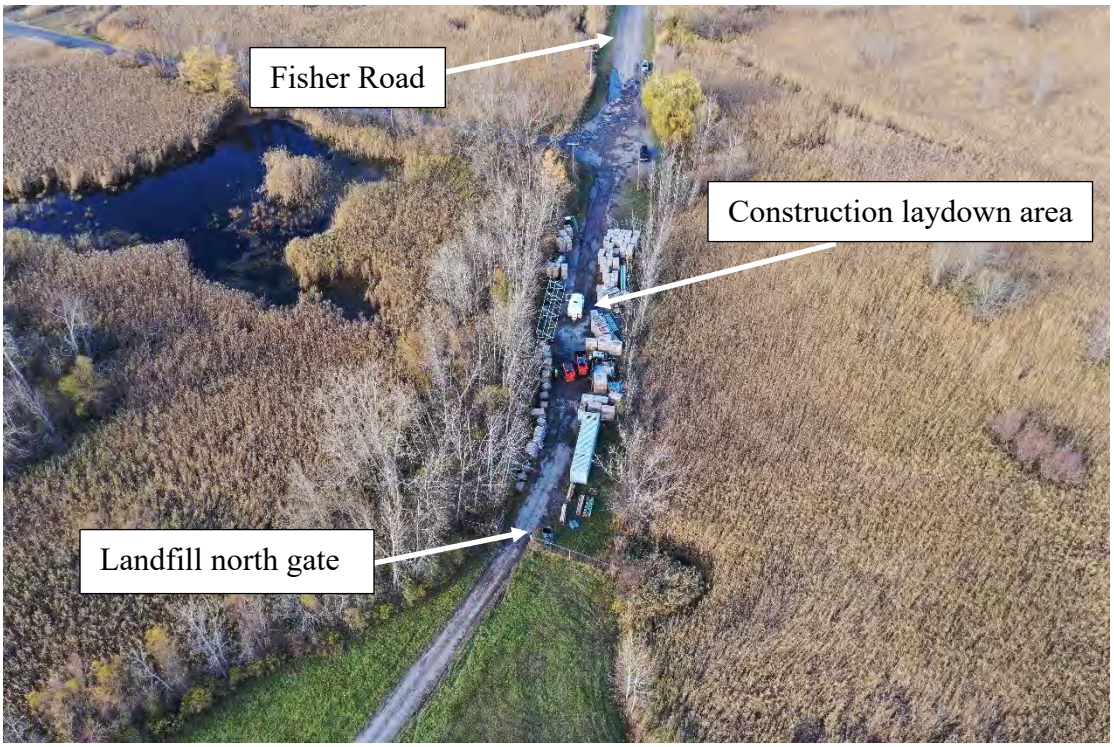


Photo 9. Temporary staging area for solar panel project at south end of Fisher Rd. – November 2019.

Photo 10. Viewing southwest at partial construction of solar panel frames and concrete pad pumping operation. - November 2019.

Appendix C
Laboratory Reports

- March 2019 - Surface water sampling – Eurofins Test America Analytical Report Job ID: 480-150955-1.
- June 2019 - Surface water sampling - Eurofins Test America Analytical Report Job ID: 460-184553-1.
- June 2019 – Gas Vent sampling - Eurofins Test America Analytical Report Job ID: 200-49239-1.
- September 2019 - Surface water sampling - Eurofins Test America Analytical Report Job ID: 480-158723-1.
- June 2019 – Groundwater and Surface Water Sampling – Eurofins Test America Report Job ID: 460-184554-1 and 460-184615-1.

eurofins | Environment Testing TestAmerica

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-150955-1
Client Project/Site: Town of Dewitt
Sampling Event: Surfacewater - Quarterly (3,6,9,12)

For:
Town of Dewitt
5400 Butternut Drive
East Syracuse, New York 13057

Attn: C. Manchester

Joseph V. Giacomazza

Authorized for release by:
4/11/2019 3:19:19 PM
Joe Giacomazza, Project Management Assistant II
joe.giacomazza@testamericainc.com

Designee for

Orlette Johnson, Senior Project Manager
(484)685-0864
orlette.johnson@testamericainc.com

Table of Contents

Definitions/Glossary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-150955-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-150955-1

Job ID: 480-150955-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-150955-1

Comments
No additional comments.

Receipt
The samples were received on 3/28/2019 1:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.9º C.

GC/MS VOA
Method(s) 624: The preservative used in the sample containers provided is not compatible with the Method 624 analytes requested. The following samples were received preserved with hydrochloric acid: SW-1 (480-150955-1), SW-2 (480-150955-2), SW-3 (480-150955-3) and Trip Blank (480-150955-4). The requested target analyte list contains 2-Chloroethyl vinyl ether and/or Acrolein, which are acid-labile compounds that degrade in an acidic medium.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-150955-1

Client Sample ID: SW-1 — Lab Sample ID: 480-150955-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.0028	J	0.010	0.0015	mg/L	1		6010C	Total/NA
Total Dissolved Solids	363		10.0	4.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: SW-2 — Lab Sample ID: 480-150955-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.0049	J	0.010	0.0015	mg/L	1		6010C	Total/NA
Total Dissolved Solids	507		10.0	4.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: SW-3 — Lab Sample ID: 480-150955-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	33		5.0	0.75	ug/L	1		624	Total/NA
Arsenic	0.0099	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Cadmium	0.00062	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Chromium	0.027		0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.013		0.010	0.0016	mg/L	1		6010C	Total/NA
Lead	0.0073	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Nickel	0.020		0.010	0.0013	mg/L	1		6010C	Total/NA
Zinc	0.032		0.010	0.0015	mg/L	1		6010C	Total/NA
Nickel	0.0048	J	0.010	0.0013	mg/L	1		6010C	Dissolved
Zinc	0.0074	J B	0.010	0.0015	mg/L	1		6010C	Dissolved
Total Dissolved Solids	1110		20.0	8.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 480-150955-4

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-150955-1

Client Sample ID: SW-1

Date Collected: 03/27/19 14:00
Date Received: 03/28/19 01:00

Lab Sample ID: 480-150955-1

Matrix: Surface Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			03/28/19 13:37	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			03/28/19 13:37	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/28/19 13:37	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/28/19 13:37	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			03/28/19 13:37	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			03/28/19 13:37	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/28/19 13:37	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/28/19 13:37	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			03/28/19 13:37	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			03/28/19 13:37	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			03/28/19 13:37	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			03/28/19 13:37	1
Acrolein	ND		100	17	ug/L			03/28/19 13:37	1
Acrylonitrile	ND		50	1.9	ug/L			03/28/19 13:37	1
Benzene	ND		5.0	0.60	ug/L			03/28/19 13:37	1
Bromoform	ND		5.0	0.47	ug/L			03/28/19 13:37	1
Bromomethane	ND		5.0	1.2	ug/L			03/28/19 13:37	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/28/19 13:37	1
Chlorobenzene	ND		5.0	0.48	ug/L			03/28/19 13:37	1
Chlorodibromomethane	ND		5.0	0.41	ug/L			03/28/19 13:37	1
Chloroethane	ND		5.0	0.87	ug/L			03/28/19 13:37	1
Chloroform	ND		5.0	0.54	ug/L			03/28/19 13:37	1
Chloromethane	ND		5.0	0.64	ug/L			03/28/19 13:37	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			03/28/19 13:37	1
Dichlorobromomethane	ND		5.0	0.54	ug/L			03/28/19 13:37	1
Ethylbenzene	ND		5.0	0.46	ug/L			03/28/19 13:37	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/28/19 13:37	1
Tetrachloroethene	ND		5.0	0.34	ug/L			03/28/19 13:37	1
Toluene	ND		5.0	0.45	ug/L			03/28/19 13:37	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			03/28/19 13:37	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			03/28/19 13:37	1
Trichloroethene	ND		5.0	0.60	ug/L			03/28/19 13:37	1
Vinyl chloride	ND		5.0	0.75	ug/L			03/28/19 13:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*68 - 130*		*03/28/19 13:37*	*1*
4-Bromofluorobenzene (Surr)	*88*		*76 - 123*		*03/28/19 13:37*	*1*
Toluene-d8 (Surr)	*88*		*77 - 120*		*03/28/19 13:37*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.020	0.0068	mg/L		03/29/19 08:45	03/29/19 18:12	1
Arsenic	ND		0.015	0.0056	mg/L		03/29/19 08:45	03/29/19 18:12	1
Beryllium	ND		0.0020	0.00030	mg/L		03/29/19 08:45	03/29/19 18:12	1
Cadmium	ND		0.0020	0.00050	mg/L		03/29/19 08:45	03/29/19 18:12	1
Chromium	ND		0.0040	0.0010	mg/L		03/29/19 08:45	03/29/19 18:12	1
Copper	ND		0.010	0.0016	mg/L		03/29/19 08:45	03/29/19 18:12	1
Lead	ND		0.010	0.0030	mg/L		03/29/19 08:45	03/29/19 18:12	1
Nickel	ND		0.010	0.0013	mg/L		03/29/19 08:45	03/29/19 18:12	1
Selenium	ND		0.025	0.0087	mg/L		03/29/19 08:45	03/29/19 18:12	1

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-150955-1

Client Sample ID: SW-1
Date Collected: 03/27/19 14:00
Date Received: 03/28/19 01:00

Lab Sample ID: 480-150955-1
Matrix: Surface Water

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		03/29/19 08:45	03/29/19 18:12	1
Thallium	ND		0.020	0.010	mg/L		03/29/19 08:45	03/29/19 18:12	1
Zinc	**0.0028**	**J**	0.010	0.0015	mg/L		03/29/19 08:45	03/29/19 18:12	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/28/19 11:17	03/28/19 14:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**363**		10.0	4.0	mg/L			04/02/19 06:06	1

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-150955-1

Client Sample ID: SW-2

Date Collected: 03/27/19 13:45
Date Received: 03/28/19 01:00

Lab Sample ID: 480-150955-2

Matrix: Surface Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			03/28/19 14:01	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			03/28/19 14:01	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/28/19 14:01	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/28/19 14:01	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			03/28/19 14:01	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			03/28/19 14:01	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/28/19 14:01	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/28/19 14:01	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			03/28/19 14:01	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			03/28/19 14:01	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			03/28/19 14:01	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			03/28/19 14:01	1
Acrolein	ND		100	17	ug/L			03/28/19 14:01	1
Acrylonitrile	ND		50	1.9	ug/L			03/28/19 14:01	1
Benzene	ND		5.0	0.60	ug/L			03/28/19 14:01	1
Bromoform	ND		5.0	0.47	ug/L			03/28/19 14:01	1
Bromomethane	ND		5.0	1.2	ug/L			03/28/19 14:01	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/28/19 14:01	1
Chlorobenzene	ND		5.0	0.48	ug/L			03/28/19 14:01	1
Chlorodibromomethane	ND		5.0	0.41	ug/L			03/28/19 14:01	1
Chloroethane	ND		5.0	0.87	ug/L			03/28/19 14:01	1
Chloroform	ND		5.0	0.54	ug/L			03/28/19 14:01	1
Chloromethane	ND		5.0	0.64	ug/L			03/28/19 14:01	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			03/28/19 14:01	1
Dichlorobromomethane	ND		5.0	0.54	ug/L			03/28/19 14:01	1
Ethylbenzene	ND		5.0	0.46	ug/L			03/28/19 14:01	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/28/19 14:01	1
Tetrachloroethene	ND		5.0	0.34	ug/L			03/28/19 14:01	1
Toluene	ND		5.0	0.45	ug/L			03/28/19 14:01	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			03/28/19 14:01	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			03/28/19 14:01	1
Trichloroethene	ND		5.0	0.60	ug/L			03/28/19 14:01	1
Vinyl chloride	ND		5.0	0.75	ug/L			03/28/19 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*68 - 130*		*03/28/19 14:01*	*1*
4-Bromofluorobenzene (Surr)	*89*		*76 - 123*		*03/28/19 14:01*	*1*
Toluene-d8 (Surr)	*89*		*77 - 120*		*03/28/19 14:01*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.020	0.0068	mg/L		03/29/19 08:45	03/29/19 18:16	1
Arsenic	ND		0.015	0.0056	mg/L		03/29/19 08:45	03/29/19 18:16	1
Beryllium	ND		0.0020	0.00030	mg/L		03/29/19 08:45	03/29/19 18:16	1
Cadmium	ND		0.0020	0.00050	mg/L		03/29/19 08:45	03/29/19 18:16	1
Chromium	ND		0.0040	0.0010	mg/L		03/29/19 08:45	03/29/19 18:16	1
Copper	ND		0.010	0.0016	mg/L		03/29/19 08:45	03/29/19 18:16	1
Lead	ND		0.010	0.0030	mg/L		03/29/19 08:45	03/29/19 18:16	1
Nickel	ND		0.010	0.0013	mg/L		03/29/19 08:45	03/29/19 18:16	1
Selenium	ND		0.025	0.0087	mg/L		03/29/19 08:45	03/29/19 18:16	1

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-150955-1

Client Sample ID: SW-2

Date Collected: 03/27/19 13:45
Date Received: 03/28/19 01:00

Lab Sample ID: 480-150955-2

Matrix: Surface Water

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		03/29/19 08:45	03/29/19 18:16	1
Thallium	ND		0.020	0.010	mg/L		03/29/19 08:45	03/29/19 18:16	1
Zinc	**0.0049**	**J**	0.010	0.0015	mg/L		03/29/19 08:45	03/29/19 18:16	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/28/19 11:17	03/28/19 14:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**507**		10.0	4.0	mg/L			04/03/19 08:21	1

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-150955-1

Client Sample ID: SW-3

Date Collected: 03/27/19 14:20
Date Received: 03/28/19 01:00

Lab Sample ID: 480-150955-3

Matrix: Surface Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			03/28/19 14:25	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			03/28/19 14:25	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/28/19 14:25	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/28/19 14:25	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			03/28/19 14:25	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			03/28/19 14:25	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/28/19 14:25	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/28/19 14:25	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			03/28/19 14:25	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			03/28/19 14:25	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			03/28/19 14:25	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			03/28/19 14:25	1
Acrolein	ND		100	17	ug/L			03/28/19 14:25	1
Acrylonitrile	ND		50	1.9	ug/L			03/28/19 14:25	1
Benzene	ND		5.0	0.60	ug/L			03/28/19 14:25	1
Bromoform	ND		5.0	0.47	ug/L			03/28/19 14:25	1
Bromomethane	ND		5.0	1.2	ug/L			03/28/19 14:25	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/28/19 14:25	1
Chlorobenzene	ND		5.0	0.48	ug/L			03/28/19 14:25	1
Chlorodibromomethane	ND		5.0	0.41	ug/L			03/28/19 14:25	1
Chloroethane	ND		5.0	0.87	ug/L			03/28/19 14:25	1
Chloroform	ND		5.0	0.54	ug/L			03/28/19 14:25	1
Chloromethane	ND		5.0	0.64	ug/L			03/28/19 14:25	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			03/28/19 14:25	1
Dichlorobromomethane	ND		5.0	0.54	ug/L			03/28/19 14:25	1
Ethylbenzene	ND		5.0	0.46	ug/L			03/28/19 14:25	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/28/19 14:25	1
Tetrachloroethene	ND		5.0	0.34	ug/L			03/28/19 14:25	1
Toluene	ND		5.0	0.45	ug/L			03/28/19 14:25	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			03/28/19 14:25	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			03/28/19 14:25	1
Trichloroethene	ND		5.0	0.60	ug/L			03/28/19 14:25	1
Vinyl chloride	**33**		5.0	0.75	ug/L			03/28/19 14:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*68 - 130*		*03/28/19 14:25*	*1*
4-Bromofluorobenzene (Surr)	*89*		*76 - 123*		*03/28/19 14:25*	*1*
Toluene-d8 (Surr)	*89*		*77 - 120*		*03/28/19 14:25*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.020	0.0068	mg/L		03/29/19 08:45	03/29/19 18:20	1
Arsenic	**0.0099**	**J**	0.015	0.0056	mg/L		03/29/19 08:45	03/29/19 18:20	1
Beryllium	ND		0.0020	0.00030	mg/L		03/29/19 08:45	03/29/19 18:20	1
Cadmium	**0.00062**	**J**	0.0020	0.00050	mg/L		03/29/19 08:45	03/29/19 18:20	1
Chromium	**0.027**		0.0040	0.0010	mg/L		03/29/19 08:45	03/29/19 18:20	1
Copper	**0.013**		0.010	0.0016	mg/L		03/29/19 08:45	03/29/19 18:20	1
Lead	**0.0073**	**J**	0.010	0.0030	mg/L		03/29/19 08:45	03/29/19 18:20	1
Nickel	**0.020**		0.010	0.0013	mg/L		03/29/19 08:45	03/29/19 18:20	1
Selenium	ND		0.025	0.0087	mg/L		03/29/19 08:45	03/29/19 18:20	1

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-150955-1

Client Sample ID: SW-3

Date Collected: 03/27/19 14:20
Date Received: 03/28/19 01:00

Lab Sample ID: 480-150955-3

Matrix: Surface Water

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		03/29/19 08:45	03/29/19 18:20	1
Thallium	ND		0.020	0.010	mg/L		03/29/19 08:45	03/29/19 18:20	1
Zinc	**0.032**		0.010	0.0015	mg/L		03/29/19 08:45	03/29/19 18:20	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.020	0.0068	mg/L		04/03/19 08:45	04/03/19 21:10	1
Arsenic	ND		0.015	0.0056	mg/L		04/03/19 08:45	04/03/19 21:10	1
Beryllium	ND		0.0020	0.00030	mg/L		04/03/19 08:45	04/03/19 21:10	1
Cadmium	ND		0.0020	0.00050	mg/L		04/03/19 08:45	04/03/19 21:10	1
Chromium	ND		0.0040	0.0010	mg/L		04/03/19 08:45	04/03/19 21:10	1
Copper	ND		0.010	0.0016	mg/L		04/03/19 08:45	04/03/19 21:10	1
Lead	ND		0.010	0.0030	mg/L		04/03/19 08:45	04/03/19 21:10	1
Nickel	**0.0048**	**J**	0.010	0.0013	mg/L		04/03/19 08:45	04/03/19 21:10	1
Selenium	ND		0.025	0.0087	mg/L		04/03/19 08:45	04/03/19 21:10	1
Silver	ND		0.0060	0.0017	mg/L		04/03/19 08:45	04/03/19 21:10	1
Thallium	ND		0.020	0.010	mg/L		04/03/19 08:45	04/03/19 21:10	1
Zinc	**0.0074**	**J B**	0.010	0.0015	mg/L		04/03/19 08:45	04/03/19 21:10	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/28/19 11:17	03/28/19 14:30	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/03/19 11:25	04/03/19 15:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1110**		20.0	8.0	mg/L			04/03/19 08:21	1

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-150955-1

Client Sample ID: Trip Blank

Date Collected: 03/27/19 00:00
Date Received: 03/28/19 01:00

Lab Sample ID: 480-150955-4

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			03/28/19 14:48	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			03/28/19 14:48	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/28/19 14:48	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/28/19 14:48	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			03/28/19 14:48	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			03/28/19 14:48	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/28/19 14:48	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/28/19 14:48	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			03/28/19 14:48	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			03/28/19 14:48	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			03/28/19 14:48	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			03/28/19 14:48	1
Acrolein	ND		100	17	ug/L			03/28/19 14:48	1
Acrylonitrile	ND		50	1.9	ug/L			03/28/19 14:48	1
Benzene	ND		5.0	0.60	ug/L			03/28/19 14:48	1
Bromoform	ND		5.0	0.47	ug/L			03/28/19 14:48	1
Bromomethane	ND		5.0	1.2	ug/L			03/28/19 14:48	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/28/19 14:48	1
Chlorobenzene	ND		5.0	0.48	ug/L			03/28/19 14:48	1
Chlorodibromomethane	ND		5.0	0.41	ug/L			03/28/19 14:48	1
Chloroethane	ND		5.0	0.87	ug/L			03/28/19 14:48	1
Chloroform	ND		5.0	0.54	ug/L			03/28/19 14:48	1
Chloromethane	ND		5.0	0.64	ug/L			03/28/19 14:48	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			03/28/19 14:48	1
Dichlorobromomethane	ND		5.0	0.54	ug/L			03/28/19 14:48	1
Ethylbenzene	ND		5.0	0.46	ug/L			03/28/19 14:48	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/28/19 14:48	1
Tetrachloroethene	ND		5.0	0.34	ug/L			03/28/19 14:48	1
Toluene	ND		5.0	0.45	ug/L			03/28/19 14:48	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			03/28/19 14:48	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			03/28/19 14:48	1
Trichloroethene	ND		5.0	0.60	ug/L			03/28/19 14:48	1
Vinyl chloride	ND		5.0	0.75	ug/L			03/28/19 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*68 - 130*		*03/28/19 14:48*	*1*
4-Bromofluorobenzene (Surr)	*88*		*76 - 123*		*03/28/19 14:48*	*1*
Toluene-d8 (Surr)	*88*		*77 - 120*		*03/28/19 14:48*	*1*

Surrogate Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-150955-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Matrix: Surface Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		DCA	BFB	TOL
Lab Sample ID	Client Sample ID	(68-130)	(76-123)	(77-120)
480-150955-1	SW-1	89	88	88
480-150955-2	SW-2	89	89	89
480-150955-3	SW-3	89	89	89

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: 624 - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		DCA	BFB	TOL
Lab Sample ID	Client Sample ID	(68-130)	(76-123)	(77-120)
480-150955-4	Trip Blank	87	88	88
LCS 480-465102/5	Lab Control Sample	87	91	90
MB 480-465102/7	Method Blank	90	89	89

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: 624 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-465102/7
Matrix: Water
Analysis Batch: 465102

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			03/28/19 10:32	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			03/28/19 10:32	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/28/19 10:32	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/28/19 10:32	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			03/28/19 10:32	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			03/28/19 10:32	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/28/19 10:32	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/28/19 10:32	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			03/28/19 10:32	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			03/28/19 10:32	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			03/28/19 10:32	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			03/28/19 10:32	1
Acrolein	ND		100	17	ug/L			03/28/19 10:32	1
Acrylonitrile	ND		50	1.9	ug/L			03/28/19 10:32	1
Benzene	ND		5.0	0.60	ug/L			03/28/19 10:32	1
Bromoform	ND		5.0	0.47	ug/L			03/28/19 10:32	1
Bromomethane	ND		5.0	1.2	ug/L			03/28/19 10:32	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/28/19 10:32	1
Chlorobenzene	ND		5.0	0.48	ug/L			03/28/19 10:32	1
Chlorodibromomethane	ND		5.0	0.41	ug/L			03/28/19 10:32	1
Chloroethane	ND		5.0	0.87	ug/L			03/28/19 10:32	1
Chloroform	ND		5.0	0.54	ug/L			03/28/19 10:32	1
Chloromethane	ND		5.0	0.64	ug/L			03/28/19 10:32	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			03/28/19 10:32	1
Dichlorobromomethane	ND		5.0	0.54	ug/L			03/28/19 10:32	1
Ethylbenzene	ND		5.0	0.46	ug/L			03/28/19 10:32	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/28/19 10:32	1
Tetrachloroethene	ND		5.0	0.34	ug/L			03/28/19 10:32	1
Toluene	ND		5.0	0.45	ug/L			03/28/19 10:32	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			03/28/19 10:32	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			03/28/19 10:32	1
Trichloroethene	ND		5.0	0.60	ug/L			03/28/19 10:32	1
Vinyl chloride	ND		5.0	0.75	ug/L			03/28/19 10:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*68 - 130*		*03/28/19 10:32*	*1*
4-Bromofluorobenzene (Surr)	*89*		*76 - 123*		*03/28/19 10:32*	*1*
Toluene-d8 (Surr)	*89*		*77 - 120*		*03/28/19 10:32*	*1*

Lab Sample ID: LCS 480-465102/5
Matrix: Water
Analysis Batch: 465102

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	18.1		ug/L		90	52 - 162
1,1,2,2-Tetrachloroethane	20.0	16.8		ug/L		84	46 - 157
1,1,2-Trichloroethane	20.0	17.2		ug/L		86	52 - 150
1,1-Dichloroethane	20.0	17.8		ug/L		89	59 - 155

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-465102/5
Matrix: Water
Analysis Batch: 465102

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	20.0	18.8		ug/L		94	1 - 234
1,2-Dichlorobenzene	20.0	18.1		ug/L		90	18 - 190
1,2-Dichloroethane	20.0	16.7		ug/L		83	49 - 155
1,2-Dichloropropane	20.0	17.8		ug/L		89	1 - 210
1,3-Dichlorobenzene	20.0	17.6		ug/L		88	59 - 156
1,4-Dichlorobenzene	20.0	17.5		ug/L		87	18 - 190
2-Chloroethyl vinyl ether	20.0	17.7	J	ug/L		88	1 - 305
Benzene	20.0	18.3		ug/L		91	37 - 151
Bromoform	20.0	17.3		ug/L		86	45 - 169
Bromomethane	20.0	18.5		ug/L		92	1 - 242
Carbon tetrachloride	20.0	18.1		ug/L		91	70 - 140
Chlorobenzene	20.0	17.6		ug/L		88	37 - 160
Chlorodibromomethane	20.0	16.9		ug/L		84	53 - 149
Chloroethane	20.0	18.5		ug/L		93	14 - 230
Chloroform	20.0	17.2		ug/L		86	51 - 138
Chloromethane	20.0	17.4		ug/L		87	1 - 273
cis-1,3-Dichloropropene	20.0	18.2		ug/L		91	1 - 227
Dichlorobromomethane	20.0	16.7		ug/L		84	35 - 155
Ethylbenzene	20.0	18.0		ug/L		90	37 - 162
Methylene Chloride	20.0	14.4		ug/L		72	1 - 221
Tetrachloroethene	20.0	18.4		ug/L		92	64 - 148
Toluene	20.0	17.7		ug/L		88	47 - 150
trans-1,2-Dichloroethene	20.0	18.3		ug/L		92	54 - 156
trans-1,3-Dichloropropene	20.0	17.3		ug/L		86	17 - 183
Trichloroethene	20.0	18.0		ug/L		90	71 - 157
Vinyl chloride	20.0	19.6		ug/L		98	1 - 251

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*68 - 130*
4-Bromofluorobenzene (Surr)	*91*		*76 - 123*
Toluene-d8 (Surr)	*90*		*77 - 120*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-465263/1-A
Matrix: Water
Analysis Batch: 465667

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 465263

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.020	0.0068	mg/L		03/29/19 08:45	03/29/19 17:03	1
Arsenic	ND		0.015	0.0056	mg/L		03/29/19 08:45	03/29/19 17:03	1
Beryllium	ND		0.0020	0.00030	mg/L		03/29/19 08:45	03/29/19 17:03	1
Cadmium	ND		0.0020	0.00050	mg/L		03/29/19 08:45	03/29/19 17:03	1
Chromium	ND		0.0040	0.0010	mg/L		03/29/19 08:45	03/29/19 17:03	1
Copper	ND		0.010	0.0016	mg/L		03/29/19 08:45	03/29/19 17:03	1
Lead	ND		0.010	0.0030	mg/L		03/29/19 08:45	03/29/19 17:03	1
Nickel	ND		0.010	0.0013	mg/L		03/29/19 08:45	03/29/19 17:03	1
Selenium	ND		0.025	0.0087	mg/L		03/29/19 08:45	03/29/19 17:03	1
Silver	ND		0.0060	0.0017	mg/L		03/29/19 08:45	03/29/19 17:03	1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 480-465263/1-A
Matrix: Water
Analysis Batch: 465667

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 465263

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		0.020	0.010	mg/L		03/29/19 08:45	03/29/19 17:03	1
Zinc	ND		0.010	0.0015	mg/L		03/29/19 08:45	03/29/19 17:03	1

Lab Sample ID: LCS 480-465263/2-A
Matrix: Water
Analysis Batch: 465667

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 465263

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.200	0.187		mg/L		94	80 - 120
Arsenic	0.200	0.201		mg/L		101	80 - 120
Beryllium	0.200	0.195		mg/L		97	80 - 120
Cadmium	0.200	0.186		mg/L		93	80 - 120
Chromium	0.200	0.189		mg/L		95	80 - 120
Copper	0.200	0.189		mg/L		95	80 - 120
Lead	0.200	0.185		mg/L		92	80 - 120
Nickel	0.200	0.193		mg/L		97	80 - 120
Selenium	0.200	0.194		mg/L		97	80 - 120
Silver	0.0500	0.0481		mg/L		96	80 - 120
Thallium	0.200	0.195		mg/L		97	80 - 120
Zinc	0.200	0.188		mg/L		94	80 - 120

Lab Sample ID: MB 480-465621/1-B
Matrix: Water
Analysis Batch: 466206

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 465952

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.020	0.0068	mg/L		04/03/19 08:45	04/03/19 20:16	1
Arsenic	ND		0.015	0.0056	mg/L		04/03/19 08:45	04/03/19 20:16	1
Beryllium	ND		0.0020	0.00030	mg/L		04/03/19 08:45	04/03/19 20:16	1
Cadmium	ND		0.0020	0.00050	mg/L		04/03/19 08:45	04/03/19 20:16	1
Chromium	ND		0.0040	0.0010	mg/L		04/03/19 08:45	04/03/19 20:16	1
Copper	ND		0.010	0.0016	mg/L		04/03/19 08:45	04/03/19 20:16	1
Lead	ND		0.010	0.0030	mg/L		04/03/19 08:45	04/03/19 20:16	1
Nickel	ND		0.010	0.0013	mg/L		04/03/19 08:45	04/03/19 20:16	1
Selenium	ND		0.025	0.0087	mg/L		04/03/19 08:45	04/03/19 20:16	1
Silver	ND		0.0060	0.0017	mg/L		04/03/19 08:45	04/03/19 20:16	1
Thallium	ND		0.020	0.010	mg/L		04/03/19 08:45	04/03/19 20:16	1
Zinc	0.00800	J	0.010	0.0015	mg/L		04/03/19 08:45	04/03/19 20:16	1

Lab Sample ID: LCS 480-465621/2-B
Matrix: Water
Analysis Batch: 466206

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 465952

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.200	0.197		mg/L		99	80 - 120
Arsenic	0.200	0.205		mg/L		103	80 - 120
Beryllium	0.200	0.203		mg/L		101	80 - 120
Cadmium	0.200	0.202		mg/L		101	80 - 120
Chromium	0.200	0.207		mg/L		104	80 - 120

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 480-465621/2-B
Matrix: Water
Analysis Batch: 466206

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 465952

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Copper	0.200	0.198		mg/L		99	80 - 120
Lead	0.200	0.197		mg/L		99	80 - 120
Nickel	0.200	0.199		mg/L		100	80 - 120
Selenium	0.200	0.208		mg/L		104	80 - 120
Silver	0.0500	0.0523		mg/L		105	80 - 120
Thallium	0.200	0.205		mg/L		103	80 - 120
Zinc	0.200	0.220		mg/L		110	80 - 120

Lab Sample ID: LCSD 480-465621/3-B
Matrix: Water
Analysis Batch: 467443

Client Sample ID: Lab Control Sample Dup
Prep Type: Dissolved
Prep Batch: 465952

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	0.200	0.198		mg/L		99	80 - 120	1	20
Arsenic	0.200	0.205		mg/L		103	80 - 120	0	20
Beryllium	0.200	0.205		mg/L		102	80 - 120	1	20
Cadmium	0.200	0.202		mg/L		101	80 - 120	0	20
Chromium	0.200	0.207		mg/L		104	80 - 120	0	20
Copper	0.200	0.199		mg/L		100	80 - 120	1	20
Lead	0.200	0.199		mg/L		100	80 - 120	1	20
Nickel	0.200	0.200		mg/L		100	80 - 120	1	20
Selenium	0.200	0.202		mg/L		101	80 - 120	3	20
Silver	0.0500	0.0523		mg/L		105	80 - 120	0	20
Thallium	0.200	0.203		mg/L		101	80 - 120	1	20
Zinc	0.200	0.222		mg/L		111	80 - 120	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-465147/1-A
Matrix: Water
Analysis Batch: 465241

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 465147

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/28/19 11:17	03/28/19 13:53	1

Lab Sample ID: LCS 480-465147/2-A
Matrix: Water
Analysis Batch: 465241

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 465147

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00743		mg/L		111	80 - 120

Lab Sample ID: MB 480-465621/1-D
Matrix: Water
Analysis Batch: 466109

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 466029

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/03/19 11:25	04/03/19 15:27	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 480-465621/2-D
Matrix: Water
Analysis Batch: 466109

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 466029

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00697		mg/L		104	80 - 120

Lab Sample ID: LCSD 480-465621/3-C
Matrix: Water
Analysis Batch: 466109

Client Sample ID: Lab Control Sample Dup
Prep Type: Dissolved
Prep Batch: 466029

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.00667	0.00690		mg/L		103	80 - 120	1	20

Lab Sample ID: 480-150955-3 MS
Matrix: Surface Water
Analysis Batch: 466109

Client Sample ID: SW-3
Prep Type: Dissolved
Prep Batch: 466029

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00677		mg/L		101	80 - 120

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 480-465751/1
Matrix: Water
Analysis Batch: 465751

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			04/02/19 06:06	1

Lab Sample ID: LCS 480-465751/2
Matrix: Water
Analysis Batch: 465751

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	500	500.0		mg/L		100	85 - 115

Lab Sample ID: 480-150955-1 DU
Matrix: Surface Water
Analysis Batch: 465751

Client Sample ID: SW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	363		363.0		mg/L		0	10

Lab Sample ID: MB 480-465993/1
Matrix: Water
Analysis Batch: 465993

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			04/03/19 08:21	1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCS 480-465993/2
Matrix: Water
Analysis Batch: 465993

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Dissolved Solids			500	486.0		mg/L		97	85 - 115		

QC Association Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-150955-1

GC/MS VOA

Analysis Batch: 465102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-150955-1	SW-1	Total/NA	Surface Water	624	
480-150955-2	SW-2	Total/NA	Surface Water	624	
480-150955-3	SW-3	Total/NA	Surface Water	624	
480-150955-4	Trip Blank	Total/NA	Water	624	
MB 480-465102/7	Method Blank	Total/NA	Water	624	
LCS 480-465102/5	Lab Control Sample	Total/NA	Water	624	

Metals

Prep Batch: 465147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-150955-1	SW-1	Total/NA	Surface Water	7470A	
480-150955-2	SW-2	Total/NA	Surface Water	7470A	
480-150955-3	SW-3	Total/NA	Surface Water	7470A	
MB 480-465147/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-465147/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 465241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-150955-1	SW-1	Total/NA	Surface Water	7470A	465147
480-150955-2	SW-2	Total/NA	Surface Water	7470A	465147
480-150955-3	SW-3	Total/NA	Surface Water	7470A	465147
MB 480-465147/1-A	Method Blank	Total/NA	Water	7470A	465147
LCS 480-465147/2-A	Lab Control Sample	Total/NA	Water	7470A	465147

Prep Batch: 465263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-150955-1	SW-1	Total/NA	Surface Water	3005A	
480-150955-2	SW-2	Total/NA	Surface Water	3005A	
480-150955-3	SW-3	Total/NA	Surface Water	3005A	
MB 480-465263/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-465263/2-A	Lab Control Sample	Total/NA	Water	3005A	

Filtration Batch: 465621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-150955-3	SW-3	Dissolved	Surface Water	FILTRATION	
MB 480-465621/1-B	Method Blank	Dissolved	Water	FILTRATION	
MB 480-465621/1-D	Method Blank	Dissolved	Water	FILTRATION	
LCS 480-465621/2-B	Lab Control Sample	Dissolved	Water	FILTRATION	
LCS 480-465621/2-D	Lab Control Sample	Dissolved	Water	FILTRATION	
LCSD 480-465621/3-B	Lab Control Sample Dup	Dissolved	Water	FILTRATION	
LCSD 480-465621/3-C	Lab Control Sample Dup	Dissolved	Water	FILTRATION	
480-150955-3 MS	SW-3	Dissolved	Surface Water	FILTRATION	

Analysis Batch: 465667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-150955-1	SW-1	Total/NA	Surface Water	6010C	465263
480-150955-2	SW-2	Total/NA	Surface Water	6010C	465263
480-150955-3	SW-3	Total/NA	Surface Water	6010C	465263
MB 480-465263/1-A	Method Blank	Total/NA	Water	6010C	465263
LCS 480-465263/2-A	Lab Control Sample	Total/NA	Water	6010C	465263

QC Association Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-150955-1

Metals

Prep Batch: 465952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-150955-3	SW-3	Dissolved	Surface Water	3005A	465621
MB 480-465621/1-B	Method Blank	Dissolved	Water	3005A	465621
LCS 480-465621/2-B	Lab Control Sample	Dissolved	Water	3005A	465621
LCSD 480-465621/3-B	Lab Control Sample Dup	Dissolved	Water	3005A	465621

Prep Batch: 466029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-150955-3	SW-3	Dissolved	Surface Water	7470A	465621
MB 480-465621/1-D	Method Blank	Dissolved	Water	7470A	465621
LCS 480-465621/2-D	Lab Control Sample	Dissolved	Water	7470A	465621
LCSD 480-465621/3-C	Lab Control Sample Dup	Dissolved	Water	7470A	465621
480-150955-3 MS	SW-3	Dissolved	Surface Water	7470A	465621

Analysis Batch: 466109

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-150955-3	SW-3	Dissolved	Surface Water	7470A	466029
MB 480-465621/1-D	Method Blank	Dissolved	Water	7470A	466029
LCS 480-465621/2-D	Lab Control Sample	Dissolved	Water	7470A	466029
LCSD 480-465621/3-C	Lab Control Sample Dup	Dissolved	Water	7470A	466029
480-150955-3 MS	SW-3	Dissolved	Surface Water	7470A	466029

Analysis Batch: 466206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-150955-3	SW-3	Dissolved	Surface Water	6010C	465952
MB 480-465621/1-B	Method Blank	Dissolved	Water	6010C	465952
LCS 480-465621/2-B	Lab Control Sample	Dissolved	Water	6010C	465952

Analysis Batch: 467443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 480-465621/3-B	Lab Control Sample Dup	Dissolved	Water	6010C	465952

General Chemistry

Analysis Batch: 465751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-150955-1	SW-1	Total/NA	Surface Water	SM 2540C	
MB 480-465751/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 480-465751/2	Lab Control Sample	Total/NA	Water	SM 2540C	
480-150955-1 DU	SW-1	Total/NA	Surface Water	SM 2540C	

Analysis Batch: 465993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-150955-2	SW-2	Total/NA	Surface Water	SM 2540C	
480-150955-3	SW-3	Total/NA	Surface Water	SM 2540C	
MB 480-465993/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 480-465993/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-150955-1

Client Sample ID: SW-1

Lab Sample ID: 480-150955-1

Date Collected: 03/27/19 14:00

Matrix: Surface Water

Date Received: 03/28/19 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	465102	03/28/19 13:37	S1V	TAL BUF
Total/NA	Prep	3005A			465263	03/29/19 08:45	KMP	TAL BUF
Total/NA	Prep	3005A			465263	03/29/19 08:45	KMP	TAL BUF
Total/NA	Analysis	6010C		1	465667	03/29/19 18:12	EMB	TAL BUF
Total/NA	Prep	7470A			465147	03/28/19 11:17	BMB	TAL BUF
Total/NA	Analysis	7470A		1	465241	03/28/19 14:27	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	465751	04/02/19 06:06	MLS	TAL BUF

Client Sample ID: SW-2

Lab Sample ID: 480-150955-2

Date Collected: 03/27/19 13:45

Matrix: Surface Water

Date Received: 03/28/19 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	465102	03/28/19 14:01	S1V	TAL BUF
Total/NA	Prep	3005A			465263	03/29/19 08:45	KMP	TAL BUF
Total/NA	Analysis	6010C		1	465667	03/29/19 18:16	EMB	TAL BUF
Total/NA	Prep	7470A			465147	03/28/19 11:17	BMB	TAL BUF
Total/NA	Analysis	7470A		1	465241	03/28/19 14:28	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	465993	04/03/19 08:21	RAF	TAL BUF

Client Sample ID: SW-3

Lab Sample ID: 480-150955-3

Date Collected: 03/27/19 14:20

Matrix: Surface Water

Date Received: 03/28/19 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	465102	03/28/19 14:25	S1V	TAL BUF
Dissolved	Filtration	FILTRATION			465621	04/01/19 10:31	MV	TAL BUF
Dissolved	Prep	3005A			465952	04/03/19 08:45	MV	TAL BUF
Dissolved	Analysis	6010C		1	466206	04/03/19 21:10	EMB	TAL BUF
Total/NA	Prep	3005A			465263	03/29/19 08:45	KMP	TAL BUF
Total/NA	Analysis	6010C		1	465667	03/29/19 18:20	EMB	TAL BUF
Dissolved	Filtration	FILTRATION			465621	04/01/19 10:31	MV	TAL BUF
Dissolved	Prep	7470A			466029	04/03/19 11:25	BMB	TAL BUF
Dissolved	Analysis	7470A		1	466109	04/03/19 15:31	BMB	TAL BUF
Total/NA	Prep	7470A			465147	03/28/19 11:17	BMB	TAL BUF
Total/NA	Analysis	7470A		1	465241	03/28/19 14:30	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	465993	04/03/19 08:21	RAF	TAL BUF

Lab Chronicle

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-150955-1

Client Sample ID: Trip Blank

Date Collected: 03/27/19 00:00
Date Received: 03/28/19 01:00

Lab Sample ID: 480-150955-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	465102	03/28/19 14:48	S1V	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-150955-1

Laboratory: Eurofins TestAmerica, Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
624		Surface Water	1,1,1-Trichloroethane
624		Surface Water	1,1,2,2-Tetrachloroethane
624		Surface Water	1,1,2-Trichloroethane
624		Surface Water	1,1-Dichloroethane
624		Surface Water	1,1-Dichloroethene
624		Surface Water	1,2-Dichlorobenzene
624		Surface Water	1,2-Dichloroethane
624		Surface Water	1,2-Dichloroethene, Total
624		Surface Water	1,2-Dichloropropane
624		Surface Water	1,3-Dichlorobenzene
624		Surface Water	1,4-Dichlorobenzene
624		Surface Water	2-Chloroethyl vinyl ether
624		Surface Water	Acrolein
624		Surface Water	Acrylonitrile
624		Surface Water	Benzene
624		Surface Water	Bromoform
624		Surface Water	Bromomethane
624		Surface Water	Carbon tetrachloride
624		Surface Water	Chlorobenzene
624		Surface Water	Chlorodibromomethane
624		Surface Water	Chloroethane
624		Surface Water	Chloroform
624		Surface Water	Chloromethane
624		Surface Water	cis-1,3-Dichloropropene
624		Surface Water	Dichlorobromomethane
624		Surface Water	Ethylbenzene
624		Surface Water	Methylene Chloride
624		Surface Water	Tetrachloroethene
624		Surface Water	Toluene
624		Surface Water	trans-1,2-Dichloroethene
624		Surface Water	trans-1,3-Dichloropropene
624		Surface Water	Trichloroethene
624		Surface Water	Vinyl chloride
624		Water	1,1,1-Trichloroethane
624		Water	1,1,2,2-Tetrachloroethane
624		Water	1,1,2-Trichloroethane
624		Water	1,1-Dichloroethane
624		Water	1,1-Dichloroethene
624		Water	1,2-Dichlorobenzene
624		Water	1,2-Dichloroethane
624		Water	1,2-Dichloroethene, Total
624		Water	1,2-Dichloropropane
624		Water	1,3-Dichlorobenzene
624		Water	1,4-Dichlorobenzene
624		Water	2-Chloroethyl vinyl ether

Accreditation/Certification Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-150955-1

Laboratory: Eurofins TestAmerica, Buffalo (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-20

624	Water	Acrolein
624	Water	Acrylonitrile
624	Water	Benzene
624	Water	Bromoform
624	Water	Bromomethane
624	Water	Carbon tetrachloride
624	Water	Chlorobenzene
624	Water	Chlorodibromomethane
624	Water	Chloroethane
624	Water	Chloroform
624	Water	Chloromethane
624	Water	cis-1,3-Dichloropropene
624	Water	Dichlorobromomethane
624	Water	Ethylbenzene
624	Water	Methylene Chloride
624	Water	Tetrachloroethene
624	Water	Toluene
624	Water	trans-1,2-Dichloroethene
624	Water	trans-1,3-Dichloropropene
624	Water	Trichloroethene
624	Water	Vinyl chloride

Method Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-150955-1

Method	Method Description	Protocol	Laboratory
624	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL BUF
3005A	Preparation, Total Metals	SW846	TAL BUF
7470A	Preparation, Mercury	SW846	TAL BUF
FILTRATION	Sample Filtration	None	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.
None = None
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-150955-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-150955-1	SW-1	Surface Water	03/27/19 14:00	03/28/19 01:00
480-150955-2	SW-2	Surface Water	03/27/19 13:45	03/28/19 01:00
480-150955-3	SW-3	Surface Water	03/27/19 14:20	03/28/19 01:00
480-150955-4	Trip Blank	Water	03/27/19 00:00	03/28/19 01:00

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Tim Knollmeyer	Lab PM: Johnson, Orlette S	Carrier Tracking No(s):	COC No: 480-117280-14484.1
Client Contact: Michael Moracco	Phone: 413-230-8415	E-Mail: orlette.johnson@testamericainc.com		Page: Page 1 of 1
Company: Town of Dewitt				Job #:

Address: 5400 Butternut Drive	Due Date Requested:	Analysis Requested
City: East Syracuse	TAT Requested (days):	
State, Zip: NY, 13057		
Phone: 315-446-3910(Tel)	PO #: Purchase Order not required	
Email: mmoracco@townofdewitt.com	WO #:	
Project Name: Town of Dewitt/ Event Desc: Surfacewater - Quarterly (3,6,9,12)	Project #: 48009871	
Site: New York	SSOW#:	

480-150955 Chain of Custody

Preservation Codes:
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - pH 4-5
Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010C - Priority Pollutant Metals - Filtered	6010C, 7470A	624_5ml - Priority Pollutant List - VOA - 624	2540C_Calcd - Total Dissolved Solids	7470A - Mercury - Filtered	Total Number of containers	Special Instructions/Note:
Preservation Code:					X	X	N	D	A	N	N	X	
SW-1	3-27-19	1400	G	Water				X	X	X			
SW-2	3-27-19	1345	G	Water				X	X	X			
SW-3	3-27-19	1430	G	Water			X	X	X	X	X		
Trip Blank									X				

TOC

Syracuse
#225

3-27-19

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: Tim Knollmeyer	Date/Time: 3-27-19 1900	Company: TA	Received by: Received	Date/Time: 03/28/19 0100	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.9 #1

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Town of Dewitt

Job Number: 480-150955-1

Login Number: 150955
List Number: 1
Creator: Velickovic, Zoran

List Source: Eurofins TestAmerica, Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	Town of Dewitt
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

eurofins | Environment Testing TestAmerica

ANALYTICAL REPORT

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Tel: (732)549-3900

Laboratory Job ID: 460-184554-1
Client Project/Site: Town of Dewitt

For:
Town of Dewitt
5400 Butternut Drive
East Syracuse, New York 13057

Attn: C. Manchester

Joseph V. Giacomazza

Authorized for release by:
6/26/2019 10:55:41 AM
Joe Giacomazza, Project Management Assistant II
joe.giacomazza@testamericainc.com

Designee for

Orlette Johnson, Senior Project Manager
(484)685-0864
orlette.johnson@testamericainc.com

Table of Contents

Definitions/Glossary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184554-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 460-184554-1

Laboratory: Eurofins TestAmerica, Edison

Narrative

Job Narrative
460-184554-1

Comments
No additional comments.

Receipt
The samples were received on 6/15/2019 12:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.1° C.

Receipt Exceptions
Per laboratory policy the trip blank sample date/time was changed to reflect the latest sample date/time of the sampling event.
Trip Blank (460-184554-8)

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184554-1

Client Sample ID: MW-6S — Lab Sample ID: 460-184554-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	13.6	J	15.0	2.7	ug/L	1		6010D	Total/NA
Chromium	1.8	J	10.0	1.3	ug/L	1		6010D	Total/NA
Nickel	2.6	J	40.0	1.7	ug/L	1		6010D	Total/NA
Total Dissolved Solids	1430		40.0	40.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-8D — Lab Sample ID: 460-184554-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethene, Total	1.8	J	2.0	0.44	ug/L	1		624.1	Total/NA
Arsenic	12.7	J	15.0	2.7	ug/L	1		6010D	Total/NA
Chromium	1.4	J	10.0	1.3	ug/L	1		6010D	Total/NA
Zinc	3.7	J	30.0	3.6	ug/L	1		6010D	Total/NA
Total Dissolved Solids	2500		50.0	50.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-8S — Lab Sample ID: 460-184554-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	69		1.0	0.34	ug/L	1		624.1	Total/NA
Arsenic	4.8	J	15.0	2.7	ug/L	1		6010D	Total/NA
Chromium	7.1	J	10.0	1.3	ug/L	1		6010D	Total/NA
Total Dissolved Solids	1300		40.0	40.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-4S — Lab Sample ID: 460-184554-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethene, Total	67		2.0	0.44	ug/L	1		624.1	Total/NA
trans-1,2-Dichloroethene	0.78	J	1.0	0.24	ug/L	1		624.1	Total/NA
Vinyl chloride	4.4		1.0	0.34	ug/L	1		624.1	Total/NA
Arsenic	4.1	J	15.0	2.7	ug/L	1		6010D	Total/NA
Chromium	3.0	J	10.0	1.3	ug/L	1		6010D	Total/NA
Zinc	5.1	J	30.0	3.6	ug/L	1		6010D	Total/NA
Total Dissolved Solids	3030		50.0	50.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-4D — Lab Sample ID: 460-184554-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.18	J	1.0	0.12	ug/L	1		624.1	Total/NA
1,2-Dichloroethene, Total	140		2.0	0.44	ug/L	1		624.1	Total/NA
Chloroform	0.58	J	1.0	0.33	ug/L	1		624.1	Total/NA
trans-1,2-Dichloroethene	1.3		1.0	0.24	ug/L	1		624.1	Total/NA
Trichloroethene	22		1.0	0.31	ug/L	1		624.1	Total/NA
Vinyl chloride	6.7		1.0	0.34	ug/L	1		624.1	Total/NA
Arsenic	5.9	J	15.0	2.7	ug/L	1		6010D	Total/NA
Chromium	1.9	J	10.0	1.3	ug/L	1		6010D	Total/NA
Total Dissolved Solids	3080		50.0	50.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-1S — Lab Sample ID: 460-184554-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	3.4	J	10.0	1.3	ug/L	1		6010D	Total/NA
Nickel	3.2	J	40.0	1.7	ug/L	1		6010D	Total/NA
Zinc	4.5	J	30.0	3.6	ug/L	1		6010D	Total/NA
Total Dissolved Solids	1900		40.0	40.0	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184554-1

Client Sample ID: MW-7S — Lab Sample ID: 460-184554-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	0.23	J	2.0	0.23	ug/L	1		6010D	Total/NA
Chromium	13.2		10.0	1.3	ug/L	1		6010D	Total/NA
Total Dissolved Solids	1520		40.0	40.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 460-184554-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.40	J	1.0	0.33	ug/L	1		624.1	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-6S

Date Collected: 06/14/19 09:45
Date Received: 06/15/19 12:00

Lab Sample ID: 460-184554-1

Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			06/21/19 04:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			06/21/19 04:33	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			06/21/19 04:33	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			06/21/19 04:33	1
1,1-Dichloroethene	ND		1.0	0.12	ug/L			06/21/19 04:33	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			06/21/19 04:33	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			06/21/19 04:33	1
1,2-Dichloroethene, Total	ND		2.0	0.44	ug/L			06/21/19 04:33	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			06/21/19 04:33	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			06/21/19 04:33	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			06/21/19 04:33	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			06/21/19 04:33	1
Acrolein	ND		4.0	1.1	ug/L			06/21/19 04:33	1
Acrylonitrile	ND		2.0	0.77	ug/L			06/21/19 04:33	1
Benzene	ND		1.0	0.43	ug/L			06/21/19 04:33	1
Bromoform	ND		1.0	0.54	ug/L			06/21/19 04:33	1
Bromomethane	ND		1.0	0.45	ug/L			06/21/19 04:33	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			06/21/19 04:33	1
Chlorobenzene	ND		1.0	0.38	ug/L			06/21/19 04:33	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			06/21/19 04:33	1
Chloroethane	ND		1.0	0.32	ug/L			06/21/19 04:33	1
Chloroform	ND		1.0	0.33	ug/L			06/21/19 04:33	1
Chloromethane	ND		1.0	0.43	ug/L			06/21/19 04:33	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			06/21/19 04:33	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			06/21/19 04:33	1
Ethylbenzene	ND		1.0	0.30	ug/L			06/21/19 04:33	1
Methylene Chloride	ND		1.0	0.32	ug/L			06/21/19 04:33	1
Tetrachloroethene	ND		1.0	0.25	ug/L			06/21/19 04:33	1
Toluene	ND		1.0	0.38	ug/L			06/21/19 04:33	1
trans-1,2-Dichloroethene	ND		1.0	0.24	ug/L			06/21/19 04:33	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			06/21/19 04:33	1
Trichloroethene	ND		1.0	0.31	ug/L			06/21/19 04:33	1
Vinyl chloride	ND		1.0	0.34	ug/L			06/21/19 04:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*60 - 140*		*06/21/19 04:33*	*1*
4-Bromofluorobenzene	*113*		*60 - 140*		*06/21/19 04:33*	*1*
Toluene-d8 (Surr)	*94*		*60 - 140*		*06/21/19 04:33*	*1*
Dibromofluoromethane (Surr)	*100*		*60 - 140*		*06/21/19 04:33*	*1*

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	1.1	ug/L		06/21/19 21:15	06/22/19 14:59	1
Arsenic	**13.6**	**J**	15.0	2.7	ug/L		06/21/19 21:15	06/22/19 14:59	1
Beryllium	ND		2.0	0.23	ug/L		06/21/19 21:15	06/22/19 14:59	1
Cadmium	ND		4.0	0.22	ug/L		06/21/19 21:15	06/22/19 14:59	1
Chromium	**1.8**	**J**	10.0	1.3	ug/L		06/21/19 21:15	06/22/19 14:59	1
Copper	ND		25.0	5.1	ug/L		06/21/19 21:15	06/22/19 14:59	1
Nickel	**2.6**	**J**	40.0	1.7	ug/L		06/21/19 21:15	06/22/19 14:59	1
Lead	ND		10.0	2.5	ug/L		06/21/19 21:15	06/22/19 14:59	1

Client Sample ID: MW-6S

Date Collected: 06/14/19 09:45
Date Received: 06/15/19 12:00

Lab Sample ID: 460-184554-1
Matrix: Water

Method: 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		20.0	2.9	ug/L		06/21/19 21:15	06/22/19 14:59	1
Selenium	ND		20.0	6.6	ug/L		06/21/19 21:15	06/22/19 14:59	1
Thallium	ND		20.0	5.4	ug/L		06/21/19 21:15	06/22/19 14:59	1
Zinc	ND		30.0	3.6	ug/L		06/21/19 21:15	06/22/19 14:59	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		06/25/19 12:03	06/25/19 13:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1430**		40.0	40.0	mg/L			06/18/19 13:31	1

Client Sample ID: MW-8D

Date Collected: 06/14/19 12:00
Date Received: 06/15/19 12:00

Lab Sample ID: 460-184554-2
Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			06/21/19 04:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			06/21/19 04:56	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			06/21/19 04:56	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			06/21/19 04:56	1
1,1-Dichloroethene	ND		1.0	0.12	ug/L			06/21/19 04:56	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			06/21/19 04:56	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			06/21/19 04:56	1
1,2-Dichloroethene, Total	**1.8**	**J**	2.0	0.44	ug/L			06/21/19 04:56	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			06/21/19 04:56	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			06/21/19 04:56	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			06/21/19 04:56	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			06/21/19 04:56	1
Acrolein	ND		4.0	1.1	ug/L			06/21/19 04:56	1
Acrylonitrile	ND		2.0	0.77	ug/L			06/21/19 04:56	1
Benzene	ND		1.0	0.43	ug/L			06/21/19 04:56	1
Bromoform	ND		1.0	0.54	ug/L			06/21/19 04:56	1
Bromomethane	ND		1.0	0.45	ug/L			06/21/19 04:56	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			06/21/19 04:56	1
Chlorobenzene	ND		1.0	0.38	ug/L			06/21/19 04:56	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			06/21/19 04:56	1
Chloroethane	ND		1.0	0.32	ug/L			06/21/19 04:56	1
Chloroform	ND		1.0	0.33	ug/L			06/21/19 04:56	1
Chloromethane	ND		1.0	0.43	ug/L			06/21/19 04:56	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			06/21/19 04:56	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			06/21/19 04:56	1
Ethylbenzene	ND		1.0	0.30	ug/L			06/21/19 04:56	1
Methylene Chloride	ND		1.0	0.32	ug/L			06/21/19 04:56	1
Tetrachloroethene	ND		1.0	0.25	ug/L			06/21/19 04:56	1
Toluene	ND		1.0	0.38	ug/L			06/21/19 04:56	1
trans-1,2-Dichloroethene	ND		1.0	0.24	ug/L			06/21/19 04:56	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			06/21/19 04:56	1

Client Sample ID: MW-8D

Date Collected: 06/14/19 12:00
Date Received: 06/15/19 12:00

Lab Sample ID: 460-184554-2

Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		1.0	0.31	ug/L			06/21/19 04:56	1
Vinyl chloride	ND		1.0	0.34	ug/L			06/21/19 04:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*60 - 140*		*06/21/19 04:56*	*1*
4-Bromofluorobenzene	*113*		*60 - 140*		*06/21/19 04:56*	*1*
Toluene-d8 (Surr)	*95*		*60 - 140*		*06/21/19 04:56*	*1*
Dibromofluoromethane (Surr)	*98*		*60 - 140*		*06/21/19 04:56*	*1*

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	1.1	ug/L		06/21/19 21:15	06/22/19 15:10	1
Arsenic	**12.7**	**J**	15.0	2.7	ug/L		06/21/19 21:15	06/22/19 15:10	1
Beryllium	ND		2.0	0.23	ug/L		06/21/19 21:15	06/22/19 15:10	1
Cadmium	ND		4.0	0.22	ug/L		06/21/19 21:15	06/22/19 15:10	1
Chromium	**1.4**	**J**	10.0	1.3	ug/L		06/21/19 21:15	06/22/19 15:10	1
Copper	ND		25.0	5.1	ug/L		06/21/19 21:15	06/22/19 15:10	1
Nickel	ND		40.0	1.7	ug/L		06/21/19 21:15	06/22/19 15:10	1
Lead	ND		10.0	2.5	ug/L		06/21/19 21:15	06/22/19 15:10	1
Antimony	ND		20.0	2.9	ug/L		06/21/19 21:15	06/22/19 15:10	1
Selenium	ND		20.0	6.6	ug/L		06/21/19 21:15	06/22/19 15:10	1
Thallium	ND		20.0	5.4	ug/L		06/21/19 21:15	06/22/19 15:10	1
Zinc	**3.7**	**J**	30.0	3.6	ug/L		06/21/19 21:15	06/22/19 15:10	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		06/25/19 12:03	06/25/19 14:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**2500**		50.0	50.0	mg/L			06/18/19 13:31	1

Client Sample ID: MW-8S

Date Collected: 06/14/19 12:15
Date Received: 06/15/19 12:00

Lab Sample ID: 460-184554-3

Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			06/21/19 05:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			06/21/19 05:20	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			06/21/19 05:20	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			06/21/19 05:20	1
1,1-Dichloroethene	ND		1.0	0.12	ug/L			06/21/19 05:20	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			06/21/19 05:20	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			06/21/19 05:20	1
1,2-Dichloroethene, Total	ND		2.0	0.44	ug/L			06/21/19 05:20	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			06/21/19 05:20	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			06/21/19 05:20	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			06/21/19 05:20	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			06/21/19 05:20	1
Acrolein	ND		4.0	1.1	ug/L			06/21/19 05:20	1

Client Sample ID: MW-8S

Date Collected: 06/14/19 12:15
Date Received: 06/15/19 12:00

Lab Sample ID: 460-184554-3

Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrylonitrile	ND		2.0	0.77	ug/L			06/21/19 05:20	1
Benzene	ND		1.0	0.43	ug/L			06/21/19 05:20	1
Bromoform	ND		1.0	0.54	ug/L			06/21/19 05:20	1
Bromomethane	ND		1.0	0.45	ug/L			06/21/19 05:20	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			06/21/19 05:20	1
Chlorobenzene	ND		1.0	0.38	ug/L			06/21/19 05:20	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			06/21/19 05:20	1
Chloroethane	ND		1.0	0.32	ug/L			06/21/19 05:20	1
Chloroform	ND		1.0	0.33	ug/L			06/21/19 05:20	1
Chloromethane	ND		1.0	0.43	ug/L			06/21/19 05:20	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			06/21/19 05:20	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			06/21/19 05:20	1
Ethylbenzene	ND		1.0	0.30	ug/L			06/21/19 05:20	1
Methylene Chloride	ND		1.0	0.32	ug/L			06/21/19 05:20	1
Tetrachloroethene	ND		1.0	0.25	ug/L			06/21/19 05:20	1
Toluene	ND		1.0	0.38	ug/L			06/21/19 05:20	1
trans-1,2-Dichloroethene	ND		1.0	0.24	ug/L			06/21/19 05:20	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			06/21/19 05:20	1
Trichloroethene	ND		1.0	0.31	ug/L			06/21/19 05:20	1
Vinyl chloride	**69**		1.0	0.34	ug/L			06/21/19 05:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*60 - 140*		*06/21/19 05:20*	*1*
4-Bromofluorobenzene	*112*		*60 - 140*		*06/21/19 05:20*	*1*
Toluene-d8 (Surr)	*92*		*60 - 140*		*06/21/19 05:20*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*		*06/21/19 05:20*	*1*

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	1.1	ug/L		06/21/19 21:15	06/22/19 15:14	1
Arsenic	**4.8**	**J**	15.0	2.7	ug/L		06/21/19 21:15	06/22/19 15:14	1
Beryllium	ND		2.0	0.23	ug/L		06/21/19 21:15	06/22/19 15:14	1
Cadmium	ND		4.0	0.22	ug/L		06/21/19 21:15	06/22/19 15:14	1
Chromium	**7.1**	**J**	10.0	1.3	ug/L		06/21/19 21:15	06/22/19 15:14	1
Copper	ND		25.0	5.1	ug/L		06/21/19 21:15	06/22/19 15:14	1
Nickel	ND		40.0	1.7	ug/L		06/21/19 21:15	06/22/19 15:14	1
Lead	ND		10.0	2.5	ug/L		06/21/19 21:15	06/22/19 15:14	1
Antimony	ND		20.0	2.9	ug/L		06/21/19 21:15	06/22/19 15:14	1
Selenium	ND		20.0	6.6	ug/L		06/21/19 21:15	06/22/19 15:14	1
Thallium	ND		20.0	5.4	ug/L		06/21/19 21:15	06/22/19 15:14	1
Zinc	ND		30.0	3.6	ug/L		06/21/19 21:15	06/22/19 15:14	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		06/25/19 12:03	06/25/19 14:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1300**		40.0	40.0	mg/L			06/18/19 13:31	1

Client Sample ID: MW-4S

Date Collected: 06/14/19 10:55
Date Received: 06/15/19 12:00

Lab Sample ID: 460-184554-4

Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			06/21/19 05:43	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			06/21/19 05:43	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			06/21/19 05:43	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			06/21/19 05:43	1
1,1-Dichloroethene	ND		1.0	0.12	ug/L			06/21/19 05:43	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			06/21/19 05:43	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			06/21/19 05:43	1
1,2-Dichloroethene, Total	**67**		2.0	0.44	ug/L			06/21/19 05:43	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			06/21/19 05:43	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			06/21/19 05:43	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			06/21/19 05:43	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			06/21/19 05:43	1
Acrolein	ND		4.0	1.1	ug/L			06/21/19 05:43	1
Acrylonitrile	ND		2.0	0.77	ug/L			06/21/19 05:43	1
Benzene	ND		1.0	0.43	ug/L			06/21/19 05:43	1
Bromoform	ND		1.0	0.54	ug/L			06/21/19 05:43	1
Bromomethane	ND		1.0	0.45	ug/L			06/21/19 05:43	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			06/21/19 05:43	1
Chlorobenzene	ND		1.0	0.38	ug/L			06/21/19 05:43	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			06/21/19 05:43	1
Chloroethane	ND		1.0	0.32	ug/L			06/21/19 05:43	1
Chloroform	ND		1.0	0.33	ug/L			06/21/19 05:43	1
Chloromethane	ND		1.0	0.43	ug/L			06/21/19 05:43	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			06/21/19 05:43	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			06/21/19 05:43	1
Ethylbenzene	ND		1.0	0.30	ug/L			06/21/19 05:43	1
Methylene Chloride	ND		1.0	0.32	ug/L			06/21/19 05:43	1
Tetrachloroethene	ND		1.0	0.25	ug/L			06/21/19 05:43	1
Toluene	ND		1.0	0.38	ug/L			06/21/19 05:43	1
trans-1,2-Dichloroethene	**0.78**	**J**	1.0	0.24	ug/L			06/21/19 05:43	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			06/21/19 05:43	1
Trichloroethene	ND		1.0	0.31	ug/L			06/21/19 05:43	1
Vinyl chloride	**4.4**		1.0	0.34	ug/L			06/21/19 05:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*60 - 140*		*06/21/19 05:43*	*1*
4-Bromofluorobenzene	*113*		*60 - 140*		*06/21/19 05:43*	*1*
Toluene-d8 (Surr)	*94*		*60 - 140*		*06/21/19 05:43*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*		*06/21/19 05:43*	*1*

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	1.1	ug/L		06/21/19 21:15	06/22/19 15:18	1
Arsenic	**4.1**	**J**	15.0	2.7	ug/L		06/21/19 21:15	06/22/19 15:18	1
Beryllium	ND		2.0	0.23	ug/L		06/21/19 21:15	06/22/19 15:18	1
Cadmium	ND		4.0	0.22	ug/L		06/21/19 21:15	06/22/19 15:18	1
Chromium	**3.0**	**J**	10.0	1.3	ug/L		06/21/19 21:15	06/22/19 15:18	1
Copper	ND		25.0	5.1	ug/L		06/21/19 21:15	06/22/19 15:18	1
Nickel	ND		40.0	1.7	ug/L		06/21/19 21:15	06/22/19 15:18	1
Lead	ND		10.0	2.5	ug/L		06/21/19 21:15	06/22/19 15:18	1

Client Sample ID: MW-4S

Date Collected: 06/14/19 10:55
Date Received: 06/15/19 12:00

Lab Sample ID: 460-184554-4
Matrix: Water

Method: 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		20.0	2.9	ug/L		06/21/19 21:15	06/22/19 15:18	1
Selenium	ND		20.0	6.6	ug/L		06/21/19 21:15	06/22/19 15:18	1
Thallium	ND		20.0	5.4	ug/L		06/21/19 21:15	06/22/19 15:18	1
Zinc	**5.1**	**J**	30.0	3.6	ug/L		06/21/19 21:15	06/22/19 15:18	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		06/25/19 12:03	06/25/19 14:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**3030**		50.0	50.0	mg/L			06/18/19 13:31	1

Client Sample ID: MW-4D

Date Collected: 06/14/19 10:30
Date Received: 06/15/19 12:00

Lab Sample ID: 460-184554-5
Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			06/21/19 06:07	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			06/21/19 06:07	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			06/21/19 06:07	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			06/21/19 06:07	1
1,1-Dichloroethene	**0.18**	**J**	1.0	0.12	ug/L			06/21/19 06:07	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			06/21/19 06:07	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			06/21/19 06:07	1
1,2-Dichloroethene, Total	**140**		2.0	0.44	ug/L			06/21/19 06:07	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			06/21/19 06:07	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			06/21/19 06:07	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			06/21/19 06:07	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			06/21/19 06:07	1
Acrolein	ND		4.0	1.1	ug/L			06/21/19 06:07	1
Acrylonitrile	ND		2.0	0.77	ug/L			06/21/19 06:07	1
Benzene	ND		1.0	0.43	ug/L			06/21/19 06:07	1
Bromoform	ND		1.0	0.54	ug/L			06/21/19 06:07	1
Bromomethane	ND		1.0	0.45	ug/L			06/21/19 06:07	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			06/21/19 06:07	1
Chlorobenzene	ND		1.0	0.38	ug/L			06/21/19 06:07	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			06/21/19 06:07	1
Chloroethane	ND		1.0	0.32	ug/L			06/21/19 06:07	1
Chloroform	**0.58**	**J**	1.0	0.33	ug/L			06/21/19 06:07	1
Chloromethane	ND		1.0	0.43	ug/L			06/21/19 06:07	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			06/21/19 06:07	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			06/21/19 06:07	1
Ethylbenzene	ND		1.0	0.30	ug/L			06/21/19 06:07	1
Methylene Chloride	ND		1.0	0.32	ug/L			06/21/19 06:07	1
Tetrachloroethene	ND		1.0	0.25	ug/L			06/21/19 06:07	1
Toluene	ND		1.0	0.38	ug/L			06/21/19 06:07	1
trans-1,2-Dichloroethene	**1.3**		1.0	0.24	ug/L			06/21/19 06:07	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			06/21/19 06:07	1

Client Sample ID: MW-4D

Date Collected: 06/14/19 10:30
Date Received: 06/15/19 12:00

Lab Sample ID: 460-184554-5

Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**22**		1.0	0.31	ug/L			06/21/19 06:07	1
Vinyl chloride	**6.7**		1.0	0.34	ug/L			06/21/19 06:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*60 - 140*		*06/21/19 06:07*	*1*
4-Bromofluorobenzene	*116*		*60 - 140*		*06/21/19 06:07*	*1*
Toluene-d8 (Surr)	*97*		*60 - 140*		*06/21/19 06:07*	*1*
Dibromofluoromethane (Surr)	*106*		*60 - 140*		*06/21/19 06:07*	*1*

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	1.1	ug/L		06/21/19 21:15	06/22/19 15:22	1
Arsenic	**5.9**	**J**	15.0	2.7	ug/L		06/21/19 21:15	06/22/19 15:22	1
Beryllium	ND		2.0	0.23	ug/L		06/21/19 21:15	06/22/19 15:22	1
Cadmium	ND		4.0	0.22	ug/L		06/21/19 21:15	06/22/19 15:22	1
Chromium	**1.9**	**J**	10.0	1.3	ug/L		06/21/19 21:15	06/22/19 15:22	1
Copper	ND		25.0	5.1	ug/L		06/21/19 21:15	06/22/19 15:22	1
Nickel	ND		40.0	1.7	ug/L		06/21/19 21:15	06/22/19 15:22	1
Lead	ND		10.0	2.5	ug/L		06/21/19 21:15	06/22/19 15:22	1
Antimony	ND		20.0	2.9	ug/L		06/21/19 21:15	06/22/19 15:22	1
Selenium	ND		20.0	6.6	ug/L		06/21/19 21:15	06/22/19 15:22	1
Thallium	ND		20.0	5.4	ug/L		06/21/19 21:15	06/22/19 15:22	1
Zinc	ND		30.0	3.6	ug/L		06/21/19 21:15	06/22/19 15:22	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		06/25/19 12:03	06/25/19 14:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**3080**		50.0	50.0	mg/L			06/18/19 13:31	1

Client Sample ID: MW-1S

Date Collected: 06/14/19 13:10
Date Received: 06/15/19 12:00

Lab Sample ID: 460-184554-6

Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			06/21/19 06:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			06/21/19 06:30	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			06/21/19 06:30	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			06/21/19 06:30	1
1,1-Dichloroethene	ND		1.0	0.12	ug/L			06/21/19 06:30	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			06/21/19 06:30	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			06/21/19 06:30	1
1,2-Dichloroethene, Total	ND		2.0	0.44	ug/L			06/21/19 06:30	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			06/21/19 06:30	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			06/21/19 06:30	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			06/21/19 06:30	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			06/21/19 06:30	1
Acrolein	ND		4.0	1.1	ug/L			06/21/19 06:30	1

Client Sample ID: MW-1S

Date Collected: 06/14/19 13:10
Date Received: 06/15/19 12:00

Lab Sample ID: 460-184554-6

Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrylonitrile	ND		2.0	0.77	ug/L			06/21/19 06:30	1
Benzene	ND		1.0	0.43	ug/L			06/21/19 06:30	1
Bromoform	ND		1.0	0.54	ug/L			06/21/19 06:30	1
Bromomethane	ND		1.0	0.45	ug/L			06/21/19 06:30	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			06/21/19 06:30	1
Chlorobenzene	ND		1.0	0.38	ug/L			06/21/19 06:30	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			06/21/19 06:30	1
Chloroethane	ND		1.0	0.32	ug/L			06/21/19 06:30	1
Chloroform	ND		1.0	0.33	ug/L			06/21/19 06:30	1
Chloromethane	ND		1.0	0.43	ug/L			06/21/19 06:30	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			06/21/19 06:30	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			06/21/19 06:30	1
Ethylbenzene	ND		1.0	0.30	ug/L			06/21/19 06:30	1
Methylene Chloride	ND		1.0	0.32	ug/L			06/21/19 06:30	1
Tetrachloroethene	ND		1.0	0.25	ug/L			06/21/19 06:30	1
Toluene	ND		1.0	0.38	ug/L			06/21/19 06:30	1
trans-1,2-Dichloroethene	ND		1.0	0.24	ug/L			06/21/19 06:30	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			06/21/19 06:30	1
Trichloroethene	ND		1.0	0.31	ug/L			06/21/19 06:30	1
Vinyl chloride	ND		1.0	0.34	ug/L			06/21/19 06:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*60 - 140*		*06/21/19 06:30*	*1*
4-Bromofluorobenzene	*118*		*60 - 140*		*06/21/19 06:30*	*1*
Toluene-d8 (Surr)	*97*		*60 - 140*		*06/21/19 06:30*	*1*
Dibromofluoromethane (Surr)	*106*		*60 - 140*		*06/21/19 06:30*	*1*

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	1.1	ug/L		06/21/19 21:15	06/22/19 15:26	1
Arsenic	ND		15.0	2.7	ug/L		06/21/19 21:15	06/22/19 15:26	1
Beryllium	ND		2.0	0.23	ug/L		06/21/19 21:15	06/22/19 15:26	1
Cadmium	ND		4.0	0.22	ug/L		06/21/19 21:15	06/22/19 15:26	1
Chromium	**3.4**	**J**	10.0	1.3	ug/L		06/21/19 21:15	06/22/19 15:26	1
Copper	ND		25.0	5.1	ug/L		06/21/19 21:15	06/22/19 15:26	1
Nickel	**3.2**	**J**	40.0	1.7	ug/L		06/21/19 21:15	06/22/19 15:26	1
Lead	ND		10.0	2.5	ug/L		06/21/19 21:15	06/22/19 15:26	1
Antimony	ND		20.0	2.9	ug/L		06/21/19 21:15	06/22/19 15:26	1
Selenium	ND		20.0	6.6	ug/L		06/21/19 21:15	06/22/19 15:26	1
Thallium	ND		20.0	5.4	ug/L		06/21/19 21:15	06/22/19 15:26	1
Zinc	**4.5**	**J**	30.0	3.6	ug/L		06/21/19 21:15	06/22/19 15:26	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		06/25/19 12:03	06/25/19 14:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1900**		40.0	40.0	mg/L			06/18/19 13:31	1

Client Sample ID: MW-7S

Date Collected: 06/14/19 13:35
Date Received: 06/15/19 12:00

Lab Sample ID: 460-184554-7

Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			06/21/19 06:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			06/21/19 06:53	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			06/21/19 06:53	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			06/21/19 06:53	1
1,1-Dichloroethene	ND		1.0	0.12	ug/L			06/21/19 06:53	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			06/21/19 06:53	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			06/21/19 06:53	1
1,2-Dichloroethene, Total	ND		2.0	0.44	ug/L			06/21/19 06:53	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			06/21/19 06:53	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			06/21/19 06:53	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			06/21/19 06:53	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			06/21/19 06:53	1
Acrolein	ND		4.0	1.1	ug/L			06/21/19 06:53	1
Acrylonitrile	ND		2.0	0.77	ug/L			06/21/19 06:53	1
Benzene	ND		1.0	0.43	ug/L			06/21/19 06:53	1
Bromoform	ND		1.0	0.54	ug/L			06/21/19 06:53	1
Bromomethane	ND		1.0	0.45	ug/L			06/21/19 06:53	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			06/21/19 06:53	1
Chlorobenzene	ND		1.0	0.38	ug/L			06/21/19 06:53	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			06/21/19 06:53	1
Chloroethane	ND		1.0	0.32	ug/L			06/21/19 06:53	1
Chloroform	ND		1.0	0.33	ug/L			06/21/19 06:53	1
Chloromethane	ND		1.0	0.43	ug/L			06/21/19 06:53	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			06/21/19 06:53	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			06/21/19 06:53	1
Ethylbenzene	ND		1.0	0.30	ug/L			06/21/19 06:53	1
Methylene Chloride	ND		1.0	0.32	ug/L			06/21/19 06:53	1
Tetrachloroethene	ND		1.0	0.25	ug/L			06/21/19 06:53	1
Toluene	ND		1.0	0.38	ug/L			06/21/19 06:53	1
trans-1,2-Dichloroethene	ND		1.0	0.24	ug/L			06/21/19 06:53	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			06/21/19 06:53	1
Trichloroethene	ND		1.0	0.31	ug/L			06/21/19 06:53	1
Vinyl chloride	ND		1.0	0.34	ug/L			06/21/19 06:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*60 - 140*		*06/21/19 06:53*	*1*
4-Bromofluorobenzene	*111*		*60 - 140*		*06/21/19 06:53*	*1*
Toluene-d8 (Surr)	*93*		*60 - 140*		*06/21/19 06:53*	*1*
Dibromofluoromethane (Surr)	*104*		*60 - 140*		*06/21/19 06:53*	*1*

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	1.1	ug/L		06/21/19 21:15	06/22/19 15:30	1
Arsenic	ND		15.0	2.7	ug/L		06/21/19 21:15	06/22/19 15:30	1
Beryllium	**0.23**	**J**	2.0	0.23	ug/L		06/21/19 21:15	06/22/19 15:30	1
Cadmium	ND		4.0	0.22	ug/L		06/21/19 21:15	06/22/19 15:30	1
Chromium	**13.2**		10.0	1.3	ug/L		06/21/19 21:15	06/22/19 15:30	1
Copper	ND		25.0	5.1	ug/L		06/21/19 21:15	06/22/19 15:30	1
Nickel	ND		40.0	1.7	ug/L		06/21/19 21:15	06/22/19 15:30	1
Lead	ND		10.0	2.5	ug/L		06/21/19 21:15	06/22/19 15:30	1

Client Sample ID: MW-7S

Date Collected: 06/14/19 13:35
Date Received: 06/15/19 12:00

Lab Sample ID: 460-184554-7
Matrix: Water

Method: 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		20.0	2.9	ug/L		06/21/19 21:15	06/22/19 15:30	1
Selenium	ND		20.0	6.6	ug/L		06/21/19 21:15	06/22/19 15:30	1
Thallium	ND		20.0	5.4	ug/L		06/21/19 21:15	06/22/19 15:30	1
Zinc	ND		30.0	3.6	ug/L		06/21/19 21:15	06/22/19 15:30	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		06/25/19 12:03	06/25/19 14:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1520**		40.0	40.0	mg/L			06/18/19 13:31	1

Client Sample ID: Trip Blank

Date Collected: 06/14/19 00:00
Date Received: 06/15/19 12:00

Lab Sample ID: 460-184554-8
Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			06/21/19 02:13	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			06/21/19 02:13	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			06/21/19 02:13	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			06/21/19 02:13	1
1,1-Dichloroethene	ND		1.0	0.12	ug/L			06/21/19 02:13	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			06/21/19 02:13	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			06/21/19 02:13	1
1,2-Dichloroethene, Total	ND		2.0	0.44	ug/L			06/21/19 02:13	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			06/21/19 02:13	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			06/21/19 02:13	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			06/21/19 02:13	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			06/21/19 02:13	1
Acrolein	ND		4.0	1.1	ug/L			06/21/19 02:13	1
Acrylonitrile	ND		2.0	0.77	ug/L			06/21/19 02:13	1
Benzene	ND		1.0	0.43	ug/L			06/21/19 02:13	1
Bromoform	ND		1.0	0.54	ug/L			06/21/19 02:13	1
Bromomethane	ND		1.0	0.45	ug/L			06/21/19 02:13	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			06/21/19 02:13	1
Chlorobenzene	ND		1.0	0.38	ug/L			06/21/19 02:13	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			06/21/19 02:13	1
Chloroethane	ND		1.0	0.32	ug/L			06/21/19 02:13	1
Chloroform	**0.40**	**J**	1.0	0.33	ug/L			06/21/19 02:13	1
Chloromethane	ND		1.0	0.43	ug/L			06/21/19 02:13	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			06/21/19 02:13	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			06/21/19 02:13	1
Ethylbenzene	ND		1.0	0.30	ug/L			06/21/19 02:13	1
Methylene Chloride	ND		1.0	0.32	ug/L			06/21/19 02:13	1
Tetrachloroethene	ND		1.0	0.25	ug/L			06/21/19 02:13	1
Toluene	ND		1.0	0.38	ug/L			06/21/19 02:13	1
trans-1,2-Dichloroethene	ND		1.0	0.24	ug/L			06/21/19 02:13	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			06/21/19 02:13	1

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184554-1

Client Sample ID: Trip Blank

Date Collected: 06/14/19 00:00
Date Received: 06/15/19 12:00

Lab Sample ID: 460-184554-8

Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		1.0	0.31	ug/L			06/21/19 02:13	1
Vinyl chloride	ND		1.0	0.34	ug/L			06/21/19 02:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*60 - 140*		*06/21/19 02:13*	*1*
4-Bromofluorobenzene	*115*		*60 - 140*		*06/21/19 02:13*	*1*
Toluene-d8 (Surr)	*96*		*60 - 140*		*06/21/19 02:13*	*1*
Dibromofluoromethane (Surr)	*106*		*60 - 140*		*06/21/19 02:13*	*1*

Surrogate Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184554-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (60-140)	BFB (60-140)	TOL (60-140)	DBFM (60-140)
460-184554-1	MW-6S	100	113	94	100
460-184554-2	MW-8D	101	113	95	98
460-184554-3	MW-8S	100	112	92	101
460-184554-4	MW-4S	104	113	94	101
460-184554-5	MW-4D	104	116	97	106
460-184554-6	MW-1S	106	118	97	106
460-184554-7	MW-7S	103	111	93	104
460-184554-8	Trip Blank	104	115	96	106
LCS 460-619152/4	Lab Control Sample	100	106	94	96
LCSD 460-619152/5	Lab Control Sample Dup	99	109	95	94
MB 460-619152/8	Method Blank	99	110	93	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-619152/8
Matrix: Water
Analysis Batch: 619152

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			06/21/19 01:02	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			06/21/19 01:02	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			06/21/19 01:02	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			06/21/19 01:02	1
1,1-Dichloroethene	ND		1.0	0.12	ug/L			06/21/19 01:02	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			06/21/19 01:02	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			06/21/19 01:02	1
1,2-Dichloroethene, Total	ND		2.0	0.44	ug/L			06/21/19 01:02	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			06/21/19 01:02	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			06/21/19 01:02	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			06/21/19 01:02	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			06/21/19 01:02	1
Acrolein	ND		4.0	1.1	ug/L			06/21/19 01:02	1
Acrylonitrile	ND		2.0	0.77	ug/L			06/21/19 01:02	1
Benzene	ND		1.0	0.43	ug/L			06/21/19 01:02	1
Bromoform	ND		1.0	0.54	ug/L			06/21/19 01:02	1
Bromomethane	ND		1.0	0.45	ug/L			06/21/19 01:02	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			06/21/19 01:02	1
Chlorobenzene	ND		1.0	0.38	ug/L			06/21/19 01:02	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			06/21/19 01:02	1
Chloroethane	ND		1.0	0.32	ug/L			06/21/19 01:02	1
Chloroform	ND		1.0	0.33	ug/L			06/21/19 01:02	1
Chloromethane	ND		1.0	0.43	ug/L			06/21/19 01:02	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			06/21/19 01:02	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			06/21/19 01:02	1
Ethylbenzene	ND		1.0	0.30	ug/L			06/21/19 01:02	1
Methylene Chloride	ND		1.0	0.32	ug/L			06/21/19 01:02	1
Tetrachloroethene	ND		1.0	0.25	ug/L			06/21/19 01:02	1
Toluene	ND		1.0	0.38	ug/L			06/21/19 01:02	1
trans-1,2-Dichloroethene	ND		1.0	0.24	ug/L			06/21/19 01:02	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			06/21/19 01:02	1
Trichloroethene	ND		1.0	0.31	ug/L			06/21/19 01:02	1
Vinyl chloride	ND		1.0	0.34	ug/L			06/21/19 01:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*60 - 140*		*06/21/19 01:02*	*1*
4-Bromofluorobenzene	*110*		*60 - 140*		*06/21/19 01:02*	*1*
Toluene-d8 (Surr)	*93*		*60 - 140*		*06/21/19 01:02*	*1*
Dibromofluoromethane (Surr)	*99*		*60 - 140*		*06/21/19 01:02*	*1*

Lab Sample ID: LCS 460-619152/4
Matrix: Water
Analysis Batch: 619152

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	21.8		ug/L		109	70 - 130
1,1,2,2-Tetrachloroethane	20.0	18.9		ug/L		94	60 - 140
1,1,2-Trichloroethane	20.0	21.8		ug/L		109	70 - 130

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-619152/4
Matrix: Water
Analysis Batch: 619152

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	20.0	22.9		ug/L		114	70 - 130
1,1-Dichloroethene	20.0	22.1		ug/L		110	50 - 150
1,2-Dichlorobenzene	20.0	20.5		ug/L		102	65 - 135
1,2-Dichloroethane	20.0	21.4		ug/L		107	70 - 130
1,2-Dichloropropane	20.0	22.1		ug/L		110	35 - 165
1,3-Dichlorobenzene	20.0	21.1		ug/L		106	70 - 130
1,4-Dichlorobenzene	20.0	20.8		ug/L		104	65 - 135
2-Chloroethyl vinyl ether	20.0	20.7		ug/L		103	0.1 - 225
Benzene	20.0	22.3		ug/L		111	65 - 135
Bromoform	20.0	25.7		ug/L		128	70 - 130
Bromomethane	20.0	25.3		ug/L		126	15 - 185
Carbon tetrachloride	20.0	22.6		ug/L		113	70 - 130
Chlorobenzene	20.0	21.8		ug/L		109	65 - 135
Chlorodibromomethane	20.0	21.2		ug/L		106	70 - 135
Chloroethane	20.0	25.2		ug/L		126	40 - 160
Chloroform	20.0	21.4		ug/L		107	70 - 135
Chloromethane	20.0	28.7		ug/L		144	0.1 - 205
cis-1,3-Dichloropropene	20.0	21.0		ug/L		105	25 - 175
Dichlorobromomethane	20.0	21.7		ug/L		108	65 - 135
Ethylbenzene	20.0	21.3		ug/L		107	60 - 140
Methylene Chloride	20.0	21.8		ug/L		109	60 - 140
Tetrachloroethene	20.0	22.5		ug/L		113	70 - 130
Toluene	20.0	21.7		ug/L		109	70 - 130
trans-1,2-Dichloroethene	20.0	21.2		ug/L		106	70 - 130
trans-1,3-Dichloropropene	20.0	21.3		ug/L		107	50 - 150
Trichloroethene	20.0	21.0		ug/L		105	65 - 135
Vinyl chloride	20.0	28.0		ug/L		140	5 - 195

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*60 - 140*
4-Bromofluorobenzene	*106*		*60 - 140*
Toluene-d8 (Surr)	*94*		*60 - 140*
Dibromofluoromethane (Surr)	*96*		*60 - 140*

Lab Sample ID: LCSD 460-619152/5
Matrix: Water
Analysis Batch: 619152

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	21.2		ug/L		106	70 - 130	3	36
1,1,2,2-Tetrachloroethane	20.0	18.6		ug/L		93	60 - 140	1	61
1,1,2-Trichloroethane	20.0	21.2		ug/L		106	70 - 130	3	45
1,1-Dichloroethane	20.0	23.3		ug/L		117	70 - 130	2	40
1,1-Dichloroethene	20.0	23.4		ug/L		117	50 - 150	6	32
1,2-Dichlorobenzene	20.0	20.1		ug/L		101	65 - 135	2	57
1,2-Dichloroethane	20.0	21.9		ug/L		109	70 - 130	2	49
1,2-Dichloropropane	20.0	21.6		ug/L		108	35 - 165	2	55
1,3-Dichlorobenzene	20.0	21.0		ug/L		105	70 - 130	1	43

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-619152/5
Matrix: Water
Analysis Batch: 619152

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene	20.0	20.8		ug/L		104	65 - 135	0	57
2-Chloroethyl vinyl ether	20.0	20.3		ug/L		102	0.1 - 225	2	71
Benzene	20.0	22.6		ug/L		113	65 - 135	1	61
Bromoform	20.0	26.0		ug/L		130	70 - 130	1	42
Bromomethane	20.0	26.6		ug/L		133	15 - 185	5	61
Carbon tetrachloride	20.0	22.6		ug/L		113	70 - 130	0	41
Chlorobenzene	20.0	22.1		ug/L		111	65 - 135	1	53
Chlorodibromomethane	20.0	21.5		ug/L		108	70 - 135	2	50
Chloroethane	20.0	25.5		ug/L		127	40 - 160	1	78
Chloroform	20.0	21.4		ug/L		107	70 - 135	0	54
Chloromethane	20.0	30.0		ug/L		150	0.1 - 205	4	60
cis-1,3-Dichloropropene	20.0	20.4		ug/L		102	25 - 175	3	58
Dichlorobromomethane	20.0	20.8		ug/L		104	65 - 135	4	56
Ethylbenzene	20.0	21.1		ug/L		106	60 - 140	1	63
Methylene Chloride	20.0	22.0		ug/L		110	60 - 140	1	28
Tetrachloroethene	20.0	22.3		ug/L		111	70 - 130	1	39
Toluene	20.0	21.8		ug/L		109	70 - 130	0	41
trans-1,2-Dichloroethene	20.0	20.2		ug/L		101	70 - 130	5	45
trans-1,3-Dichloropropene	20.0	22.0		ug/L		110	50 - 150	3	86
Trichloroethene	20.0	20.8		ug/L		104	65 - 135	1	48
Vinyl chloride	20.0	28.2		ug/L		141	5 - 195	1	66

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*60 - 140*
4-Bromofluorobenzene	*109*		*60 - 140*
Toluene-d8 (Surr)	*95*		*60 - 140*
Dibromofluoromethane (Surr)	*94*		*60 - 140*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 460-619447/1-A
Matrix: Water
Analysis Batch: 619862

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 619447

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	1.1	ug/L		06/21/19 21:15	06/22/19 14:01	1
Arsenic	ND		15.0	2.7	ug/L		06/21/19 21:15	06/22/19 14:01	1
Beryllium	ND		2.0	0.23	ug/L		06/21/19 21:15	06/22/19 14:01	1
Cadmium	ND		4.0	0.22	ug/L		06/21/19 21:15	06/22/19 14:01	1
Chromium	ND		10.0	1.3	ug/L		06/21/19 21:15	06/22/19 14:01	1
Copper	ND		25.0	5.1	ug/L		06/21/19 21:15	06/22/19 14:01	1
Nickel	ND		40.0	1.7	ug/L		06/21/19 21:15	06/22/19 14:01	1
Lead	ND		10.0	2.5	ug/L		06/21/19 21:15	06/22/19 14:01	1
Antimony	ND		20.0	2.9	ug/L		06/21/19 21:15	06/22/19 14:01	1
Selenium	ND		20.0	6.6	ug/L		06/21/19 21:15	06/22/19 14:01	1
Thallium	ND		20.0	5.4	ug/L		06/21/19 21:15	06/22/19 14:01	1
Zinc	ND		30.0	3.6	ug/L		06/21/19 21:15	06/22/19 14:01	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 460-619447/2-A
Matrix: Water
Analysis Batch: 619862

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 619447

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	50.0	43.01		ug/L		86	80 - 120
Arsenic	2000	1925		ug/L		96	80 - 120
Beryllium	50.0	45.88		ug/L		92	80 - 120
Cadmium	50.0	47.09		ug/L		94	80 - 120
Chromium	200	190.7		ug/L		95	80 - 120
Copper	250	222.7		ug/L		89	80 - 120
Nickel	500	474.4		ug/L		95	80 - 120
Lead	500	483.3		ug/L		97	80 - 120
Antimony	500	483.8		ug/L		97	80 - 120
Selenium	2000	1765		ug/L		88	80 - 120
Thallium	2000	1999		ug/L		100	80 - 120
Zinc	500	471.5		ug/L		94	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 460-620159/1-A
Matrix: Water
Analysis Batch: 620188

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 620159

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		06/25/19 12:03	06/25/19 13:38	1

Lab Sample ID: LCS 460-620159/2-A
Matrix: Water
Analysis Batch: 620188

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 620159

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	1.00	0.973		ug/L		97	80 - 120

Lab Sample ID: 460-184554-1 MS
Matrix: Water
Analysis Batch: 620188

Client Sample ID: MW-6S
Prep Type: Total/NA
Prep Batch: 620159

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		1.00	0.966		ug/L		97	75 - 125

Lab Sample ID: 460-184554-1 DU
Matrix: Water
Analysis Batch: 620188

Client Sample ID: MW-6S
Prep Type: Total/NA
Prep Batch: 620159

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	ND		ND		ug/L		NC	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 460-618412/1
Matrix: Water
Analysis Batch: 618412

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	10.0	mg/L			06/18/19 13:31	1

Lab Sample ID: LCSSRM 460-618412/2
Matrix: Water
Analysis Batch: 618412

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Dissolved Solids			585	612.0		mg/L		104.6	89.9 - 109.9		

Lab Sample ID: 460-184554-3 DU
Matrix: Water
Analysis Batch: 618412

Client Sample ID: MW-8S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1300			1328		mg/L				2	5

GC/MS VOA

Analysis Batch: 619152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-184554-1	MW-6S	Total/NA	Water	624.1	
460-184554-2	MW-8D	Total/NA	Water	624.1	
460-184554-3	MW-8S	Total/NA	Water	624.1	
460-184554-4	MW-4S	Total/NA	Water	624.1	
460-184554-5	MW-4D	Total/NA	Water	624.1	
460-184554-6	MW-1S	Total/NA	Water	624.1	
460-184554-7	MW-7S	Total/NA	Water	624.1	
460-184554-8	Trip Blank	Total/NA	Water	624.1	
MB 460-619152/8	Method Blank	Total/NA	Water	624.1	
LCS 460-619152/4	Lab Control Sample	Total/NA	Water	624.1	
LCSD 460-619152/5	Lab Control Sample Dup	Total/NA	Water	624.1	

Metals

Prep Batch: 619447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-184554-1	MW-6S	Total/NA	Water	3010A	
460-184554-2	MW-8D	Total/NA	Water	3010A	
460-184554-3	MW-8S	Total/NA	Water	3010A	
460-184554-4	MW-4S	Total/NA	Water	3010A	
460-184554-5	MW-4D	Total/NA	Water	3010A	
460-184554-6	MW-1S	Total/NA	Water	3010A	
460-184554-7	MW-7S	Total/NA	Water	3010A	
MB 460-619447/1-A	Method Blank	Total/NA	Water	3010A	
LCS 460-619447/2-A	Lab Control Sample	Total/NA	Water	3010A	

Analysis Batch: 619862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-184554-1	MW-6S	Total/NA	Water	6010D	619447
460-184554-2	MW-8D	Total/NA	Water	6010D	619447
460-184554-3	MW-8S	Total/NA	Water	6010D	619447
460-184554-4	MW-4S	Total/NA	Water	6010D	619447
460-184554-5	MW-4D	Total/NA	Water	6010D	619447
460-184554-6	MW-1S	Total/NA	Water	6010D	619447
460-184554-7	MW-7S	Total/NA	Water	6010D	619447
MB 460-619447/1-A	Method Blank	Total/NA	Water	6010D	619447
LCS 460-619447/2-A	Lab Control Sample	Total/NA	Water	6010D	619447

Prep Batch: 620159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-184554-1	MW-6S	Total/NA	Water	7470A	
460-184554-2	MW-8D	Total/NA	Water	7470A	
460-184554-3	MW-8S	Total/NA	Water	7470A	
460-184554-4	MW-4S	Total/NA	Water	7470A	
460-184554-5	MW-4D	Total/NA	Water	7470A	
460-184554-6	MW-1S	Total/NA	Water	7470A	
460-184554-7	MW-7S	Total/NA	Water	7470A	
MB 460-620159/1-A	Method Blank	Total/NA	Water	7470A	
LCS 460-620159/2-A	Lab Control Sample	Total/NA	Water	7470A	
460-184554-1 MS	MW-6S	Total/NA	Water	7470A	
460-184554-1 DU	MW-6S	Total/NA	Water	7470A	

QC Association Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184554-1

Metals

Analysis Batch: 620188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-184554-1	MW-6S	Total/NA	Water	7470A	620159
460-184554-2	MW-8D	Total/NA	Water	7470A	620159
460-184554-3	MW-8S	Total/NA	Water	7470A	620159
460-184554-4	MW-4S	Total/NA	Water	7470A	620159
460-184554-5	MW-4D	Total/NA	Water	7470A	620159
460-184554-6	MW-1S	Total/NA	Water	7470A	620159
460-184554-7	MW-7S	Total/NA	Water	7470A	620159
MB 460-620159/1-A	Method Blank	Total/NA	Water	7470A	620159
LCS 460-620159/2-A	Lab Control Sample	Total/NA	Water	7470A	620159
460-184554-1 MS	MW-6S	Total/NA	Water	7470A	620159
460-184554-1 DU	MW-6S	Total/NA	Water	7470A	620159

General Chemistry

Analysis Batch: 618412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-184554-1	MW-6S	Total/NA	Water	SM 2540C	
460-184554-2	MW-8D	Total/NA	Water	SM 2540C	
460-184554-3	MW-8S	Total/NA	Water	SM 2540C	
460-184554-4	MW-4S	Total/NA	Water	SM 2540C	
460-184554-5	MW-4D	Total/NA	Water	SM 2540C	
460-184554-6	MW-1S	Total/NA	Water	SM 2540C	
460-184554-7	MW-7S	Total/NA	Water	SM 2540C	
MB 460-618412/1	Method Blank	Total/NA	Water	SM 2540C	
LCSSRM 460-618412/2	Lab Control Sample	Total/NA	Water	SM 2540C	
460-184554-3 DU	MW-8S	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184554-1

Client Sample ID: MW-6S
Date Collected: 06/14/19 09:45
Date Received: 06/15/19 12:00

Lab Sample ID: 460-184554-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	619152	06/21/19 04:33	KLB	TAL EDI
Total/NA	Prep	3010A			619447	06/21/19 21:15	GAE	TAL EDI
Total/NA	Analysis	6010D		1	619862	06/22/19 14:59	YZH	TAL EDI
Total/NA	Prep	7470A			620159	06/25/19 12:03	RBS	TAL EDI
Total/NA	Analysis	7470A		1	620188	06/25/19 13:41	RBS	TAL EDI
Total/NA	Analysis	SM 2540C		1	618412	06/18/19 13:31	PLS	TAL EDI

Client Sample ID: MW-8D
Date Collected: 06/14/19 12:00
Date Received: 06/15/19 12:00

Lab Sample ID: 460-184554-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	619152	06/21/19 04:56	KLB	TAL EDI
Total/NA	Prep	3010A			619447	06/21/19 21:15	GAE	TAL EDI
Total/NA	Analysis	6010D		1	619862	06/22/19 15:10	YZH	TAL EDI
Total/NA	Prep	7470A			620159	06/25/19 12:03	RBS	TAL EDI
Total/NA	Analysis	7470A		1	620188	06/25/19 14:12	RBS	TAL EDI
Total/NA	Analysis	SM 2540C		1	618412	06/18/19 13:31	PLS	TAL EDI

Client Sample ID: MW-8S
Date Collected: 06/14/19 12:15
Date Received: 06/15/19 12:00

Lab Sample ID: 460-184554-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	619152	06/21/19 05:20	KLB	TAL EDI
Total/NA	Prep	3010A			619447	06/21/19 21:15	GAE	TAL EDI
Total/NA	Analysis	6010D		1	619862	06/22/19 15:14	YZH	TAL EDI
Total/NA	Prep	7470A			620159	06/25/19 12:03	RBS	TAL EDI
Total/NA	Analysis	7470A		1	620188	06/25/19 14:14	RBS	TAL EDI
Total/NA	Analysis	SM 2540C		1	618412	06/18/19 13:31	PLS	TAL EDI

Client Sample ID: MW-4S
Date Collected: 06/14/19 10:55
Date Received: 06/15/19 12:00

Lab Sample ID: 460-184554-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	619152	06/21/19 05:43	KLB	TAL EDI
Total/NA	Prep	3010A			619447	06/21/19 21:15	GAE	TAL EDI
Total/NA	Analysis	6010D		1	619862	06/22/19 15:18	YZH	TAL EDI
Total/NA	Prep	7470A			620159	06/25/19 12:03	RBS	TAL EDI
Total/NA	Analysis	7470A		1	620188	06/25/19 14:19	RBS	TAL EDI
Total/NA	Analysis	SM 2540C		1	618412	06/18/19 13:31	PLS	TAL EDI

Lab Chronicle

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184554-1

Client Sample ID: MW-4D
Date Collected: 06/14/19 10:30
Date Received: 06/15/19 12:00

Lab Sample ID: 460-184554-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	619152	06/21/19 06:07	KLB	TAL EDI
Total/NA	Prep	3010A			619447	06/21/19 21:15	GAE	TAL EDI
Total/NA	Analysis	6010D		1	619862	06/22/19 15:22	YZH	TAL EDI
Total/NA	Prep	7470A			620159	06/25/19 12:03	RBS	TAL EDI
Total/NA	Analysis	7470A		1	620188	06/25/19 14:21	RBS	TAL EDI
Total/NA	Analysis	SM 2540C		1	618412	06/18/19 13:31	PLS	TAL EDI

Client Sample ID: MW-1S
Date Collected: 06/14/19 13:10
Date Received: 06/15/19 12:00

Lab Sample ID: 460-184554-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	619152	06/21/19 06:30	KLB	TAL EDI
Total/NA	Prep	3010A			619447	06/21/19 21:15	GAE	TAL EDI
Total/NA	Analysis	6010D		1	619862	06/22/19 15:26	YZH	TAL EDI
Total/NA	Prep	7470A			620159	06/25/19 12:03	RBS	TAL EDI
Total/NA	Analysis	7470A		1	620188	06/25/19 14:22	RBS	TAL EDI
Total/NA	Analysis	SM 2540C		1	618412	06/18/19 13:31	PLS	TAL EDI

Client Sample ID: MW-7S
Date Collected: 06/14/19 13:35
Date Received: 06/15/19 12:00

Lab Sample ID: 460-184554-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	619152	06/21/19 06:53	KLB	TAL EDI
Total/NA	Prep	3010A			619447	06/21/19 21:15	GAE	TAL EDI
Total/NA	Analysis	6010D		1	619862	06/22/19 15:30	YZH	TAL EDI
Total/NA	Prep	7470A			620159	06/25/19 12:03	RBS	TAL EDI
Total/NA	Analysis	7470A		1	620188	06/25/19 14:24	RBS	TAL EDI
Total/NA	Analysis	SM 2540C		1	618412	06/18/19 13:31	PLS	TAL EDI

Client Sample ID: Trip Blank
Date Collected: 06/14/19 00:00
Date Received: 06/15/19 12:00

Lab Sample ID: 460-184554-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	619152	06/21/19 02:13	KLB	TAL EDI

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184554-1

Laboratory: Eurofins TestAmerica, Edison

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Connecticut	State Program	1	PH-0200	09-30-20
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	N/A	12-31-19
New Jersey	NELAP	2	12028	06-30-19
New York	NELAP	2	11452	04-01-20
Pennsylvania	NELAP	3	68-00522	02-28-20
Pennsylvania	NELAP		68-00522	02-28-20
Rhode Island	State Program	1	LAO00132	12-30-19
USDA	Federal		NJCA-003-08	05-03-21

Laboratory: Eurofins TestAmerica, Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-20

Method Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184554-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL EDI
6010D	Metals (ICP)	SW846	TAL EDI
7470A	Mercury (CVAA)	SW846	TAL EDI
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL EDI
3010A	Preparation, Total Metals	SW846	TAL EDI
7470A	Preparation, Mercury	SW846	TAL EDI

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184554-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-184554-1	MW-6S	Water	06/14/19 09:45	06/15/19 12:00	
460-184554-2	MW-8D	Water	06/14/19 12:00	06/15/19 12:00	
460-184554-3	MW-8S	Water	06/14/19 12:15	06/15/19 12:00	
460-184554-4	MW-4S	Water	06/14/19 10:55	06/15/19 12:00	
460-184554-5	MW-4D	Water	06/14/19 10:30	06/15/19 12:00	
460-184554-6	MW-1S	Water	06/14/19 13:10	06/15/19 12:00	
460-184554-7	MW-7S	Water	06/14/19 13:35	06/15/19 12:00	
460-184554-8	Trip Blank	Water	06/14/19 00:00	06/15/19 12:00	

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Syracuse #225

Client Information	Sampler: Tim Knollmeyer	Lab PM: Johnson, Orlette S	Carrier Tracking No(s):	COC No: 480-131329-17665.1
Client Contact: Michael Moracco	Phone: 413-230-8415	E-Mail: orlette.johnson@testamericainc.com		Page: Page 1 of 2
Company: Town of Dewitt				Job #: B45554
Address: 5400 Butternut Drive	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13057				
Phone: 315-446-3910(Tel)	PO #: Purchase Order not required			
Email: mmoracco@townofdewitt.com	WO #:			
Project Name: Town of Dewitt/ Event Desc: Groundwater - Annual (3)	Project #: 48009871			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010C, 7470A	624_5ml - Volatiles	2540C_Calcd - Total Dissolved Solids	6010C, 7470A	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	A	N	N		
MW-6S	6-14-19	0945	G	Water			X	X	X		5	1
MW-8D	6-14-19	1200	G	Water			X	X	X		5	2
MW-8S	6-14-19	1215	G	Water			X	X	X		5	3
MW-9D				Water								TOC
MW-9M				Water								
MW-9S				Water								
MW-3S			6-14-19	Water								
MW-4S	6-14-19	1055	G	Water			X	X	X		5	4
MW-4D	6-14-19	1030	G	Water			X	X	X		5	5
MW-1S	6-14-19	1310	G	Water			X	X	X		5	6
MW-2D				Water								TOC 6-14-19

460-184554 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Tim Knollmeyer	Date/Time: 6-14-19 1900	Company: EUROFINS TA	Received by: Fed Ex	Date/Time: 6/15/19 12:00	Company: TAEDI
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: CS present | Cooler Temperature(s) °C and Other Remarks: IR9 4.1°C

Ver: 01/16/2019

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Syracuse #225

6/26/2019

Client Information	Sampler: Tim Knollman	Lab PM: Johnson, Orlette S	Carrier Tracking No(s):	COC No: 480-131329-17665.2
Client Contact: Michael Moracco	Phone: 413-230-8415	E-Mail: orlette.johnson@testamericainc.com		Page: Page 2 of 2
Company: Town of Dewitt				Job #: 184554
Address: 5400 Butternut Drive	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13057				
Phone: 315-446-3910(Tel)	PO #: Purchase Order not required			
Email: mmoracco@townofdewitt.com	WO #:			
Project Name: Town of Dewitt/ Event Desc: Groundwater - Annual (3)	Project #: 48009871			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010C, 7470A	624_5ml - Volatiles	2540C_Calcd - Total Dissolved Solids	6010C, 7470A	Total Number of containers	Special Instructions/Note:
Preservation Code:							D	A	N	N		
~~MW-2S~~				~~Water~~								
MW-12S				Water								
MW-7S	6-14-19	1335	G	Water			X	X	X		5	
~~MW-10S~~				Water								
MW-5D				Water								
MW-5S				Water								
MW-11D				Water								
Trip Blank							X				2	

6-14-19

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Tim Knollman	6-14-19 1900	Eurofins TA	Ken Lumia (Fedex)	6/15/19 12:00	TA EDI
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: IR9 4.1°C

Ver: 01/16/2019

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 184554

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	4.1 °C	4 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other
1				<2											
2				<2											
3				<2											
4				<2											
5				<2											
6				<2											

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: JD Date: 6/17/19

FIELD OBSERVATIONS

Facility: Dawith LF Sample Point ID: MW-6S

Field Personnel: TDK / RE Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time: 6-14-19 / 0945

Method of Sampling: Bailer Dedicated: YES

Diameter of Well: 2"
Well Depth (from top of PVC): 27.74
Water Depth (from top of PVC): 3.57
Length of water Column: 24.17
Purge Volume: LWC x 0.17 x 3= 12.3267 Volume Purged 12.5 gallons

Methane Reading: NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
0945	3.80	7.08	1074	1.84	-52.5	3.17

INSTRUMENT CHECK DATA: Lamotte 2020 Turbidity meter

Turbidity 0.0 Serial #: 1822551 Exp 2-20
Turbidity 1.0 Serial #: C801306B Exp 11-19
Turbidity 10.0 Serial #: 1806 4981 Exp 10-19

YSI 556 mps

pH 4.0 Serial #: 8GE305 Exp 5-20
pH 7.0 Serial #: 8GE54 Exp 5-20
pH 10.0 Serial #: 8GB50L Exp 2-20

Cond Serial #: 18397435 4.49 umhos/cm@25 C Exp 11-19

ORP Serial # 2446 240 Mv Exp 1-23

DO Calibrated to 98.4 % @ 417'

Weather conditions @ time of sampling: cloudy 60's

COMMENTS AND OBSERVATIONS:

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 6/14/19 By: TDK / RE Company: Eurofins TA

(1)

FIELD OBSERVATIONS

Facility: Dewitt LF

Sample Point ID: MW-8D

Field Personnel: TDIC/RE

Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time: 6-14-19 / 1200

Method of Sampling: Bailer

Dedicated: YES

Diameter of Well: 2"

Well Depth (from top of PVC): 61.32

Water Depth (from top of PVC): 0.00

Length of water Column: 61.32

Purge Volume: LWC x 0.17 x 3= 31.2732

Volume Purged: 31 gallons

Methane Reading: NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1200	2.35	7.30	1429	8.40	-41.6	3.95

INSTRUMENT CHECK DATA:

See page 1

Turbidity 0.0 Serial #: _____

Turbidity 1.0 Serial #: _____

Turbidity 10.0 Serial #: _____

pH 4.0 Serial #: _____

pH 7.0 Serial #: _____

pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Cloudy 60's

COMMENTS AND OBSERVATIONS:

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 6/14/19 By: TDIC / RE Company: Eurofins TA

(6)

FIELD OBSERVATIONS

Facility: Dow. M LF

Sample Point ID: MW-85

Field Personnel: TDIC / RE

Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time: 6-14-19, 1215

Method of Sampling: Bailer

Dedicated: YES

Diameter of Well: 2"

Well Depth (from top of PVC): 29.94

Water Depth (from top of PVC): 0.00

Length of water Column: 29.94

Purge Volume: LWC x 0.17 x 3= 15.2694

Volume Purged: 16 gallons

Methane Reading: NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1215	1.65	7.43	918	4.45	-68.3	2.5

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: _____

Turbidity 1.0 Serial #: _____

Turbidity 10.0 Serial #: _____

See page 1

pH 4.0 Serial #: _____

pH 7.0 Serial #: _____

pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Cloudy 60s

COMMENTS AND OBSERVATIONS:

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 6/14/19 By: TDIC / RE Company: Eurofins TM

7

FIELD OBSERVATIONS

45

Facility: Dewitt LF

Sample Point ID: MW ~~65~~ TDK

Field Personnel: TDK / RE

Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time: 6-14-19 / 1055

Method of Sampling: (Bailer)

Dedicated: (YES)

Diameter of Well: 2"

Well Depth (from top of PVC): 19.98

Water Depth (from top of PVC): 1.22

Length of water Column: 18.76

Purge Volume: LWC x 0.17 x 3= 9.567L

Volume Purged: 10 Gallons

Methane Reading: NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1055	2.38	7.09	1852	9.62	-14.6	4.72

INSTRUMENT CHECK DATA:

See page 1

Turbidity 0.0 Serial #: _____

Turbidity 1.0 Serial #: _____

Turbidity 10.0 Serial #: _____

pH 4.0 Serial #: _____

pH 7.0 Serial #: _____

pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Cloudy 60's

COMMENTS AND OBSERVATIONS:

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 6/14/19 By: TDK / RE Company: Eurofins TA

(4)

FIELD OBSERVATIONS

Facility: DewiH LF

Sample Point ID: MW-4D TDK

Field Personnel: TDK / RE

Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time: 6-14-19 / 1030

Method of Sampling: (Bailer)

Dedicated: (YES)

Diameter of Well: 2"

Well Depth (from top of PVC): 35.27

Water Depth (from top of PVC): 0.80

Length of water Column: 34.47

Purge Volume: LWC x 0.17 x 3= 17.5797

Volume Purged: 18 Gallons.

Methane Reading: NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1030.	3.48	7.11	1881	2.95	-20.3	3.96

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: _____
Turbidity 1.0 Serial #: _____
Turbidity 10.0 Serial #: _____

See page 1

pH 4.0 Serial #: _____
pH 7.0 Serial #: _____
pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Cloudy 60's

COMMENTS AND OBSERVATIONS:

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 6/14/19 By: TDIC / RE Company: Eurofins TM

FIELD OBSERVATIONS

Facility: Dewitt LF

Sample Point ID: MW-15

Field Personnel: TDK/RE

Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time: 6-14-19 / 1310

Method of Sampling: Bailer

Dedicated: YES

Diameter of Well: 2"

Well Depth (from top of PVC): 21.05

Water Depth (from top of PVC): 13.22

Length of water Column: 7.86

Purge Volume: LWC x 0.17 x 3= 4.008 C

Volume Purged: 4 Gallons

Methane Reading: NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1310	2.62	7.28	1301	14.9	53.7	3.65

INSTRUMENT CHECK DATA:

See page 1

Turbidity 0.0 Serial #: _____

Turbidity 1.0 Serial #: _____

Turbidity 10.0 Serial #: _____

pH 4.0 Serial #: _____

pH 7.0 Serial #: _____

pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Cloudy 60's

COMMENTS AND OBSERVATIONS:

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 6/14/19 By: TDK / RE Company: Eurofins TA

FIELD OBSERVATIONS

Facility: Dewitt LF

Sample Point ID: MW-75

Field Personnel: TDK / RE

Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time: 6-14-19 1335

Method of Sampling: Bailer

Dedicated: YES

Diameter of Well: 2"

Well Depth (from top of PVC): 22.38

Water Depth (from top of PVC): 11.42

Length of water Column: 10.96

Purge Volume: LWC x 0.17 x 3= 5.5896

Volume Purged: 6 Gallons

Methane Reading: NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1335	6.25	7.47	1239	11.24	47.6	2.99

INSTRUMENT CHECK DATA:

See page 1

Turbidity 0.0 Serial #: _____

Turbidity 1.0 Serial #: _____

Turbidity 10.0 Serial #: _____

pH 4.0 Serial #: _____

pH 7.0 Serial #: _____

pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Cloudy 60's

COMMENTS AND OBSERVATIONS:

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 6/14/19 By: TDK / RE Company: Eurofins TA

Login Sample Receipt Checklist

Client: Town of Dewitt

Job Number: 460-184554-1

Login Number: 184554
List Number: 1
Creator: DiGuardia, Joseph L

List Source: Eurofins TestAmerica, Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Town of Dewitt

Job Number: 460-184554-1

Login Number: 184554
List Number: 2
Creator: DiGuardia, Joseph L

List Source: Eurofins TestAmerica, Edison

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background		
The cooler's custody seal, if present, is intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the sample IDs on the containers and the COC.		
Samples are received within Holding Time (Excluding tests with immediate HTs)..		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.		
If necessary, staff have been informed of any short hold time or quick TAT needs		
Multiphasic samples are not present.		
Samples do not require splitting or compositing.		
Sampling Company provided.		
Samples received within 48 hours of sampling.		
Samples requiring field filtration have been filtered in the field.		
Chlorine Residual checked.		

eurofins | Environment Testing TestAmerica

ANALYTICAL REPORT

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Tel: (732)549-3900

Laboratory Job ID: 460-184615-1
Client Project/Site: Town of Dewitt

For:
Town of Dewitt
5400 Butternut Drive
East Syracuse, New York 13057

Attn: C. Manchester

Joseph V. Giacomazza

Authorized for release by:
6/28/2019 10:45:38 AM
Joe Giacomazza, Project Management Assistant II
joe.giacomazza@testamericainc.com

Designee for

Orlette Johnson, Senior Project Manager
(484)685-0864
orlette.johnson@testamericainc.com

Table of Contents

Definitions/Glossary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184615-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 460-184615-1

Laboratory: Eurofins TestAmerica, Edison

Narrative

ob Narrative
460-184615-1

Comments
No additional comments.

Receipt
The samples were received on 6/18/2019 10:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.2º C.

GC/MS VOA
Method(s) 624.1: The continuing calibration verification (CCV) associated with batch 460-619507 recovered above the upper control limit for Bromoform. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184615-1

Client Sample ID: MW-9M — Lab Sample ID: 460-184615-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	80		1.0	0.34	ug/L	1		624.1	Total/NA
Arsenic	26.9		15.0	2.7	ug/L	1		6010D	Total/NA
Nickel	8.3	J	40.0	1.7	ug/L	1		6010D	Total/NA
Total Dissolved Solids	1410		40.0	40.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-9S — Lab Sample ID: 460-184615-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.32	J	1.0	0.26	ug/L	1		624.1	Total/NA
1,2-Dichloroethene, Total	1.1	J	2.0	0.44	ug/L	1		624.1	Total/NA
Chloroform	0.43	J	1.0	0.33	ug/L	1		624.1	Total/NA
Vinyl chloride	0.59	J	1.0	0.34	ug/L	1		624.1	Total/NA
Arsenic	3.6	J	15.0	2.7	ug/L	1		6010D	Total/NA
Chromium	1.3	J	10.0	1.3	ug/L	1		6010D	Total/NA
Nickel	2.9	J	40.0	1.7	ug/L	1		6010D	Total/NA
Total Dissolved Solids	1250		40.0	40.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-3S — Lab Sample ID: 460-184615-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	0.47	J	1.0	0.38	ug/L	1		624.1	Total/NA
Arsenic	5.8	J	15.0	2.7	ug/L	1		6010D	Total/NA
Chromium	16.0		10.0	1.3	ug/L	1		6010D	Total/NA
Nickel	6.4	J	40.0	1.7	ug/L	1		6010D	Total/NA
Total Dissolved Solids	1740		40.0	40.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-2D — Lab Sample ID: 460-184615-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	2490		50.0	50.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-2S — Lab Sample ID: 460-184615-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	2.4	J	10.0	1.3	ug/L	1		6010D	Total/NA
Nickel	2.6	J	40.0	1.7	ug/L	1		6010D	Total/NA
Zinc	9.6	J	30.0	3.6	ug/L	1		6010D	Total/NA
Total Dissolved Solids	1800		40.0	40.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-12S — Lab Sample ID: 460-184615-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	9.5	J	30.0	3.6	ug/L	1		6010D	Total/NA
Total Dissolved Solids	1400		40.0	40.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-10S — Lab Sample ID: 460-184615-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.71	J	1.0	0.31	ug/L	1		624.1	Total/NA
Chromium	140		10.0	1.3	ug/L	1		6010D	Total/NA
Copper	12.3	J	25.0	5.1	ug/L	1		6010D	Total/NA
Nickel	10.7	J	40.0	1.7	ug/L	1		6010D	Total/NA
Lead	4.7	J	10.0	2.5	ug/L	1		6010D	Total/NA
Zinc	109		30.0	3.6	ug/L	1		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-10S (Continued) — Lab Sample ID: 460-184615-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	1610		40.0	40.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-5D — Lab Sample ID: 460-184615-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.60	J	1.0	0.34	ug/L	1		624.1	Total/NA
Nickel	2.6	J	40.0	1.7	ug/L	1		6010D	Total/NA
Total Dissolved Solids	2550		50.0	50.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-5S — Lab Sample ID: 460-184615-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethene, Total	4.2		2.0	0.44	ug/L	1		624.1	Total/NA
Trichloroethene	0.39	J	1.0	0.31	ug/L	1		624.1	Total/NA
Vinyl chloride	1.0		1.0	0.34	ug/L	1		624.1	Total/NA
Arsenic	8.3	J	15.0	2.7	ug/L	1		6010D	Total/NA
Chromium	5.4	J	10.0	1.3	ug/L	1		6010D	Total/NA
Copper	6.7	J	25.0	5.1	ug/L	1		6010D	Total/NA
Nickel	4.5	J	40.0	1.7	ug/L	1		6010D	Total/NA
Lead	2.9	J	10.0	2.5	ug/L	1		6010D	Total/NA
Zinc	16.5	J	30.0	3.6	ug/L	1		6010D	Total/NA
Arsenic	2.9	J	15.0	2.7	ug/L	1		6010D	Dissolved
Chromium	2.1	J	10.0	1.3	ug/L	1		6010D	Dissolved
Zinc	4.1	J	30.0	3.6	ug/L	1		6010D	Dissolved
Total Dissolved Solids	3450		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-11D — Lab Sample ID: 460-184615-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	90.2		10.0	1.3	ug/L	1		6010D	Total/NA
Copper	6.8	J	25.0	5.1	ug/L	1		6010D	Total/NA
Nickel	38.7	J	40.0	1.7	ug/L	1		6010D	Total/NA
Lead	2.6	J	10.0	2.5	ug/L	1		6010D	Total/NA
Zinc	10.8	J	30.0	3.6	ug/L	1		6010D	Total/NA
Arsenic	3.0	J	15.0	2.7	ug/L	1		6010D	Dissolved
Beryllium	0.25	J	2.0	0.23	ug/L	1		6010D	Dissolved
Chromium	2.8	J	10.0	1.3	ug/L	1		6010D	Dissolved
Nickel	20.1	J	40.0	1.7	ug/L	1		6010D	Dissolved
Total Dissolved Solids	1090		40.0	40.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 460-184615-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.38	J	1.0	0.33	ug/L	1		624.1	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184615-1

Client Sample ID: MW-9M

Date Collected: 06/17/19 11:00
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-1

Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			06/22/19 13:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			06/22/19 13:24	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			06/22/19 13:24	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			06/22/19 13:24	1
1,1-Dichloroethene	ND		1.0	0.12	ug/L			06/22/19 13:24	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			06/22/19 13:24	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			06/22/19 13:24	1
1,2-Dichloroethene, Total	ND		2.0	0.44	ug/L			06/22/19 13:24	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			06/22/19 13:24	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			06/22/19 13:24	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			06/22/19 13:24	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			06/22/19 13:24	1
Acrolein	ND		4.0	1.1	ug/L			06/22/19 13:24	1
Acrylonitrile	ND		2.0	0.77	ug/L			06/22/19 13:24	1
Benzene	ND		1.0	0.43	ug/L			06/22/19 13:24	1
Bromoform	ND		1.0	0.54	ug/L			06/22/19 13:24	1
Bromomethane	ND		1.0	0.45	ug/L			06/22/19 13:24	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			06/22/19 13:24	1
Chlorobenzene	ND		1.0	0.38	ug/L			06/22/19 13:24	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			06/22/19 13:24	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/19 13:24	1
Chloroform	ND		1.0	0.33	ug/L			06/22/19 13:24	1
Chloromethane	ND		1.0	0.43	ug/L			06/22/19 13:24	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			06/22/19 13:24	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			06/22/19 13:24	1
Ethylbenzene	ND		1.0	0.30	ug/L			06/22/19 13:24	1
Methylene Chloride	ND		1.0	0.32	ug/L			06/22/19 13:24	1
Tetrachloroethene	ND		1.0	0.25	ug/L			06/22/19 13:24	1
Toluene	ND		1.0	0.38	ug/L			06/22/19 13:24	1
trans-1,2-Dichloroethene	ND		1.0	0.24	ug/L			06/22/19 13:24	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			06/22/19 13:24	1
Trichloroethene	ND		1.0	0.31	ug/L			06/22/19 13:24	1
Vinyl chloride	**80**		1.0	0.34	ug/L			06/22/19 13:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*60 - 140*		*06/22/19 13:24*	*1*
4-Bromofluorobenzene	*108*		*60 - 140*		*06/22/19 13:24*	*1*
Toluene-d8 (Surr)	*94*		*60 - 140*		*06/22/19 13:24*	*1*
Dibromofluoromethane (Surr)	*100*		*60 - 140*		*06/22/19 13:24*	*1*

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	1.1	ug/L		06/25/19 08:16	06/25/19 19:40	1
Arsenic	**26.9**		15.0	2.7	ug/L		06/25/19 08:16	06/25/19 19:40	1
Beryllium	ND		2.0	0.23	ug/L		06/25/19 08:16	06/25/19 19:40	1
Cadmium	ND		4.0	0.22	ug/L		06/25/19 08:16	06/25/19 19:40	1
Chromium	ND		10.0	1.3	ug/L		06/25/19 08:16	06/25/19 19:40	1
Copper	ND		25.0	5.1	ug/L		06/25/19 08:16	06/25/19 19:40	1
Nickel	**8.3**	**J**	40.0	1.7	ug/L		06/25/19 08:16	06/25/19 19:40	1
Lead	ND		10.0	2.5	ug/L		06/25/19 08:16	06/25/19 19:40	1

Client Sample ID: MW-9M

Date Collected: 06/17/19 11:00
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-1
Matrix: Water

Method: 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		20.0	2.9	ug/L		06/25/19 08:16	06/25/19 19:40	1
Selenium	ND		20.0	6.6	ug/L		06/25/19 08:16	06/25/19 19:40	1
Thallium	ND		20.0	5.4	ug/L		06/25/19 08:16	06/25/19 19:40	1
Zinc	ND		30.0	3.6	ug/L		06/25/19 08:16	06/25/19 19:40	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		06/27/19 12:41	06/27/19 14:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1410**		40.0	40.0	mg/L			06/20/19 15:00	1

Client Sample ID: MW-9S

Date Collected: 06/17/19 11:15
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-2
Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			06/22/19 13:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			06/22/19 13:48	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			06/22/19 13:48	1
1,1-Dichloroethane	**0.32**	**J**	1.0	0.26	ug/L			06/22/19 13:48	1
1,1-Dichloroethene	ND		1.0	0.12	ug/L			06/22/19 13:48	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			06/22/19 13:48	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			06/22/19 13:48	1
1,2-Dichloroethene, Total	**1.1**	**J**	2.0	0.44	ug/L			06/22/19 13:48	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			06/22/19 13:48	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			06/22/19 13:48	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			06/22/19 13:48	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			06/22/19 13:48	1
Acrolein	ND		4.0	1.1	ug/L			06/22/19 13:48	1
Acrylonitrile	ND		2.0	0.77	ug/L			06/22/19 13:48	1
Benzene	ND		1.0	0.43	ug/L			06/22/19 13:48	1
Bromoform	ND		1.0	0.54	ug/L			06/22/19 13:48	1
Bromomethane	ND		1.0	0.45	ug/L			06/22/19 13:48	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			06/22/19 13:48	1
Chlorobenzene	ND		1.0	0.38	ug/L			06/22/19 13:48	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			06/22/19 13:48	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/19 13:48	1
Chloroform	**0.43**	**J**	1.0	0.33	ug/L			06/22/19 13:48	1
Chloromethane	ND		1.0	0.43	ug/L			06/22/19 13:48	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			06/22/19 13:48	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			06/22/19 13:48	1
Ethylbenzene	ND		1.0	0.30	ug/L			06/22/19 13:48	1
Methylene Chloride	ND		1.0	0.32	ug/L			06/22/19 13:48	1
Tetrachloroethene	ND		1.0	0.25	ug/L			06/22/19 13:48	1
Toluene	ND		1.0	0.38	ug/L			06/22/19 13:48	1
trans-1,2-Dichloroethene	ND		1.0	0.24	ug/L			06/22/19 13:48	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			06/22/19 13:48	1

Client Sample ID: MW-9S

Date Collected: 06/17/19 11:15
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-2

Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		1.0	0.31	ug/L			06/22/19 13:48	1
Vinyl chloride	**0.59**	**J**	1.0	0.34	ug/L			06/22/19 13:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*60 - 140*		*06/22/19 13:48*	*1*
4-Bromofluorobenzene	*111*		*60 - 140*		*06/22/19 13:48*	*1*
Toluene-d8 (Surr)	*90*		*60 - 140*		*06/22/19 13:48*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*		*06/22/19 13:48*	*1*

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	1.1	ug/L		06/25/19 08:16	06/25/19 19:44	1
Arsenic	**3.6**	**J**	15.0	2.7	ug/L		06/25/19 08:16	06/25/19 19:44	1
Beryllium	ND		2.0	0.23	ug/L		06/25/19 08:16	06/25/19 19:44	1
Cadmium	ND		4.0	0.22	ug/L		06/25/19 08:16	06/25/19 19:44	1
Chromium	**1.3**	**J**	10.0	1.3	ug/L		06/25/19 08:16	06/25/19 19:44	1
Copper	ND		25.0	5.1	ug/L		06/25/19 08:16	06/25/19 19:44	1
Nickel	**2.9**	**J**	40.0	1.7	ug/L		06/25/19 08:16	06/25/19 19:44	1
Lead	ND		10.0	2.5	ug/L		06/25/19 08:16	06/25/19 19:44	1
Antimony	ND		20.0	2.9	ug/L		06/25/19 08:16	06/25/19 19:44	1
Selenium	ND		20.0	6.6	ug/L		06/25/19 08:16	06/25/19 19:44	1
Thallium	ND		20.0	5.4	ug/L		06/25/19 08:16	06/25/19 19:44	1
Zinc	ND		30.0	3.6	ug/L		06/25/19 08:16	06/25/19 19:44	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		06/27/19 12:41	06/27/19 14:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1250**		40.0	40.0	mg/L			06/20/19 15:00	1

Client Sample ID: MW-3S

Date Collected: 06/17/19 10:25
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-3

Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			06/22/19 22:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			06/22/19 22:26	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			06/22/19 22:26	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			06/22/19 22:26	1
1,1-Dichloroethene	ND		1.0	0.12	ug/L			06/22/19 22:26	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			06/22/19 22:26	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			06/22/19 22:26	1
1,2-Dichloroethene, Total	ND		2.0	0.44	ug/L			06/22/19 22:26	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			06/22/19 22:26	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			06/22/19 22:26	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			06/22/19 22:26	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			06/22/19 22:26	1
Acrolein	ND		4.0	1.1	ug/L			06/22/19 22:26	1

Client Sample ID: MW-3S

Date Collected: 06/17/19 10:25
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-3

Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrylonitrile	ND		2.0	0.77	ug/L			06/22/19 22:26	1
Benzene	ND		1.0	0.43	ug/L			06/22/19 22:26	1
Bromoform	ND		1.0	0.54	ug/L			06/22/19 22:26	1
Bromomethane	ND		1.0	0.45	ug/L			06/22/19 22:26	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			06/22/19 22:26	1
Chlorobenzene	**0.47**	**J**	1.0	0.38	ug/L			06/22/19 22:26	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			06/22/19 22:26	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/19 22:26	1
Chloroform	ND		1.0	0.33	ug/L			06/22/19 22:26	1
Chloromethane	ND		1.0	0.43	ug/L			06/22/19 22:26	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			06/22/19 22:26	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			06/22/19 22:26	1
Ethylbenzene	ND		1.0	0.30	ug/L			06/22/19 22:26	1
Methylene Chloride	ND		1.0	0.32	ug/L			06/22/19 22:26	1
Tetrachloroethene	ND		1.0	0.25	ug/L			06/22/19 22:26	1
Toluene	ND		1.0	0.38	ug/L			06/22/19 22:26	1
trans-1,2-Dichloroethene	ND		1.0	0.24	ug/L			06/22/19 22:26	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			06/22/19 22:26	1
Trichloroethene	ND		1.0	0.31	ug/L			06/22/19 22:26	1
Vinyl chloride	ND		1.0	0.34	ug/L			06/22/19 22:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*60 - 140*		*06/22/19 22:26*	*1*
4-Bromofluorobenzene	*101*		*60 - 140*		*06/22/19 22:26*	*1*
Toluene-d8 (Surr)	*92*		*60 - 140*		*06/22/19 22:26*	*1*
Dibromofluoromethane (Surr)	*97*		*60 - 140*		*06/22/19 22:26*	*1*

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	1.1	ug/L		06/25/19 08:16	06/25/19 19:56	1
Arsenic	**5.8**	**J**	15.0	2.7	ug/L		06/25/19 08:16	06/25/19 19:56	1
Beryllium	ND		2.0	0.23	ug/L		06/25/19 08:16	06/25/19 19:56	1
Cadmium	ND		4.0	0.22	ug/L		06/25/19 08:16	06/25/19 19:56	1
Chromium	**16.0**		10.0	1.3	ug/L		06/25/19 08:16	06/25/19 19:56	1
Copper	ND		25.0	5.1	ug/L		06/25/19 08:16	06/25/19 19:56	1
Nickel	**6.4**	**J**	40.0	1.7	ug/L		06/25/19 08:16	06/25/19 19:56	1
Lead	ND		10.0	2.5	ug/L		06/25/19 08:16	06/25/19 19:56	1
Antimony	ND		20.0	2.9	ug/L		06/25/19 08:16	06/25/19 19:56	1
Selenium	ND		20.0	6.6	ug/L		06/25/19 08:16	06/25/19 19:56	1
Thallium	ND		20.0	5.4	ug/L		06/25/19 08:16	06/25/19 19:56	1
Zinc	ND		30.0	3.6	ug/L		06/25/19 08:16	06/25/19 19:56	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		06/27/19 12:41	06/27/19 14:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1740**		40.0	40.0	mg/L			06/20/19 15:00	1

Client Sample ID: MW-2D

Date Collected: 06/17/19 07:40
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-4

Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			06/22/19 14:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			06/22/19 14:11	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			06/22/19 14:11	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			06/22/19 14:11	1
1,1-Dichloroethene	ND		1.0	0.12	ug/L			06/22/19 14:11	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			06/22/19 14:11	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			06/22/19 14:11	1
1,2-Dichloroethene, Total	ND		2.0	0.44	ug/L			06/22/19 14:11	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			06/22/19 14:11	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			06/22/19 14:11	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			06/22/19 14:11	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			06/22/19 14:11	1
Acrolein	ND		4.0	1.1	ug/L			06/22/19 14:11	1
Acrylonitrile	ND		2.0	0.77	ug/L			06/22/19 14:11	1
Benzene	ND		1.0	0.43	ug/L			06/22/19 14:11	1
Bromoform	ND		1.0	0.54	ug/L			06/22/19 14:11	1
Bromomethane	ND		1.0	0.45	ug/L			06/22/19 14:11	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			06/22/19 14:11	1
Chlorobenzene	ND		1.0	0.38	ug/L			06/22/19 14:11	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			06/22/19 14:11	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/19 14:11	1
Chloroform	ND		1.0	0.33	ug/L			06/22/19 14:11	1
Chloromethane	ND		1.0	0.43	ug/L			06/22/19 14:11	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			06/22/19 14:11	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			06/22/19 14:11	1
Ethylbenzene	ND		1.0	0.30	ug/L			06/22/19 14:11	1
Methylene Chloride	ND		1.0	0.32	ug/L			06/22/19 14:11	1
Tetrachloroethene	ND		1.0	0.25	ug/L			06/22/19 14:11	1
Toluene	ND		1.0	0.38	ug/L			06/22/19 14:11	1
trans-1,2-Dichloroethene	ND		1.0	0.24	ug/L			06/22/19 14:11	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			06/22/19 14:11	1
Trichloroethene	ND		1.0	0.31	ug/L			06/22/19 14:11	1
Vinyl chloride	ND		1.0	0.34	ug/L			06/22/19 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*60 - 140*		*06/22/19 14:11*	*1*
4-Bromofluorobenzene	*111*		*60 - 140*		*06/22/19 14:11*	*1*
Toluene-d8 (Surr)	*93*		*60 - 140*		*06/22/19 14:11*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*		*06/22/19 14:11*	*1*

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	1.1	ug/L		06/25/19 08:16	06/25/19 20:00	1
Arsenic	ND		15.0	2.7	ug/L		06/25/19 08:16	06/25/19 20:00	1
Beryllium	ND		2.0	0.23	ug/L		06/25/19 08:16	06/25/19 20:00	1
Cadmium	ND		4.0	0.22	ug/L		06/25/19 08:16	06/25/19 20:00	1
Chromium	ND		10.0	1.3	ug/L		06/25/19 08:16	06/25/19 20:00	1
Copper	ND		25.0	5.1	ug/L		06/25/19 08:16	06/25/19 20:00	1
Nickel	ND		40.0	1.7	ug/L		06/25/19 08:16	06/25/19 20:00	1
Lead	ND		10.0	2.5	ug/L		06/25/19 08:16	06/25/19 20:00	1

Client Sample ID: MW-2D

Date Collected: 06/17/19 07:40
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-4
Matrix: Water

Method: 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		20.0	2.9	ug/L		06/25/19 08:16	06/25/19 20:00	1
Selenium	ND		20.0	6.6	ug/L		06/25/19 08:16	06/25/19 20:00	1
Thallium	ND		20.0	5.4	ug/L		06/25/19 08:16	06/25/19 20:00	1
Zinc	ND		30.0	3.6	ug/L		06/25/19 08:16	06/25/19 20:00	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		06/27/19 12:41	06/27/19 14:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2490		50.0	50.0	mg/L			06/20/19 15:00	1

Client Sample ID: MW-2S

Date Collected: 06/17/19 08:00
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-5
Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			06/22/19 14:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			06/22/19 14:34	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			06/22/19 14:34	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			06/22/19 14:34	1
1,1-Dichloroethene	ND		1.0	0.12	ug/L			06/22/19 14:34	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			06/22/19 14:34	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			06/22/19 14:34	1
1,2-Dichloroethene, Total	ND		2.0	0.44	ug/L			06/22/19 14:34	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			06/22/19 14:34	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			06/22/19 14:34	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			06/22/19 14:34	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			06/22/19 14:34	1
Acrolein	ND		4.0	1.1	ug/L			06/22/19 14:34	1
Acrylonitrile	ND		2.0	0.77	ug/L			06/22/19 14:34	1
Benzene	ND		1.0	0.43	ug/L			06/22/19 14:34	1
Bromoform	ND		1.0	0.54	ug/L			06/22/19 14:34	1
Bromomethane	ND		1.0	0.45	ug/L			06/22/19 14:34	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			06/22/19 14:34	1
Chlorobenzene	ND		1.0	0.38	ug/L			06/22/19 14:34	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			06/22/19 14:34	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/19 14:34	1
Chloroform	ND		1.0	0.33	ug/L			06/22/19 14:34	1
Chloromethane	ND		1.0	0.43	ug/L			06/22/19 14:34	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			06/22/19 14:34	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			06/22/19 14:34	1
Ethylbenzene	ND		1.0	0.30	ug/L			06/22/19 14:34	1
Methylene Chloride	ND		1.0	0.32	ug/L			06/22/19 14:34	1
Tetrachloroethene	ND		1.0	0.25	ug/L			06/22/19 14:34	1
Toluene	ND		1.0	0.38	ug/L			06/22/19 14:34	1
trans-1,2-Dichloroethene	ND		1.0	0.24	ug/L			06/22/19 14:34	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			06/22/19 14:34	1

Client Sample ID: MW-2S

Date Collected: 06/17/19 08:00
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-5

Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		1.0	0.31	ug/L			06/22/19 14:34	1
Vinyl chloride	ND		1.0	0.34	ug/L			06/22/19 14:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*60 - 140*		*06/22/19 14:34*	*1*
4-Bromofluorobenzene	*106*		*60 - 140*		*06/22/19 14:34*	*1*
Toluene-d8 (Surr)	*93*		*60 - 140*		*06/22/19 14:34*	*1*
Dibromofluoromethane (Surr)	*100*		*60 - 140*		*06/22/19 14:34*	*1*

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	1.1	ug/L		06/25/19 08:16	06/25/19 20:04	1
Arsenic	ND		15.0	2.7	ug/L		06/25/19 08:16	06/25/19 20:04	1
Beryllium	ND		2.0	0.23	ug/L		06/25/19 08:16	06/25/19 20:04	1
Cadmium	ND		4.0	0.22	ug/L		06/25/19 08:16	06/25/19 20:04	1
Chromium	**2.4**	**J**	10.0	1.3	ug/L		06/25/19 08:16	06/25/19 20:04	1
Copper	ND		25.0	5.1	ug/L		06/25/19 08:16	06/25/19 20:04	1
Nickel	**2.6**	**J**	40.0	1.7	ug/L		06/25/19 08:16	06/25/19 20:04	1
Lead	ND		10.0	2.5	ug/L		06/25/19 08:16	06/25/19 20:04	1
Antimony	ND		20.0	2.9	ug/L		06/25/19 08:16	06/25/19 20:04	1
Selenium	ND		20.0	6.6	ug/L		06/25/19 08:16	06/25/19 20:04	1
Thallium	ND		20.0	5.4	ug/L		06/25/19 08:16	06/25/19 20:04	1
Zinc	**9.6**	**J**	30.0	3.6	ug/L		06/25/19 08:16	06/25/19 20:04	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		06/27/19 12:41	06/27/19 14:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1800**		40.0	40.0	mg/L			06/20/19 15:00	1

Client Sample ID: MW-12S

Date Collected: 06/17/19 09:25
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-6

Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			06/22/19 14:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			06/22/19 14:58	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			06/22/19 14:58	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			06/22/19 14:58	1
1,1-Dichloroethene	ND		1.0	0.12	ug/L			06/22/19 14:58	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			06/22/19 14:58	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			06/22/19 14:58	1
1,2-Dichloroethene, Total	ND		2.0	0.44	ug/L			06/22/19 14:58	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			06/22/19 14:58	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			06/22/19 14:58	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			06/22/19 14:58	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			06/22/19 14:58	1
Acrolein	ND		4.0	1.1	ug/L			06/22/19 14:58	1

Client Sample ID: MW-12S

Date Collected: 06/17/19 09:25
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-6

Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrylonitrile	ND		2.0	0.77	ug/L			06/22/19 14:58	1
Benzene	ND		1.0	0.43	ug/L			06/22/19 14:58	1
Bromoform	ND		1.0	0.54	ug/L			06/22/19 14:58	1
Bromomethane	ND		1.0	0.45	ug/L			06/22/19 14:58	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			06/22/19 14:58	1
Chlorobenzene	ND		1.0	0.38	ug/L			06/22/19 14:58	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			06/22/19 14:58	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/19 14:58	1
Chloroform	ND		1.0	0.33	ug/L			06/22/19 14:58	1
Chloromethane	ND		1.0	0.43	ug/L			06/22/19 14:58	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			06/22/19 14:58	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			06/22/19 14:58	1
Ethylbenzene	ND		1.0	0.30	ug/L			06/22/19 14:58	1
Methylene Chloride	ND		1.0	0.32	ug/L			06/22/19 14:58	1
Tetrachloroethene	ND		1.0	0.25	ug/L			06/22/19 14:58	1
Toluene	ND		1.0	0.38	ug/L			06/22/19 14:58	1
trans-1,2-Dichloroethene	ND		1.0	0.24	ug/L			06/22/19 14:58	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			06/22/19 14:58	1
Trichloroethene	ND		1.0	0.31	ug/L			06/22/19 14:58	1
Vinyl chloride	ND		1.0	0.34	ug/L			06/22/19 14:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*60 - 140*		*06/22/19 14:58*	*1*
4-Bromofluorobenzene	*107*		*60 - 140*		*06/22/19 14:58*	*1*
Toluene-d8 (Surr)	*94*		*60 - 140*		*06/22/19 14:58*	*1*
Dibromofluoromethane (Surr)	*97*		*60 - 140*		*06/22/19 14:58*	*1*

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	1.1	ug/L		06/25/19 08:16	06/25/19 20:08	1
Arsenic	ND		15.0	2.7	ug/L		06/25/19 08:16	06/25/19 20:08	1
Beryllium	ND		2.0	0.23	ug/L		06/25/19 08:16	06/25/19 20:08	1
Cadmium	ND		4.0	0.22	ug/L		06/25/19 08:16	06/25/19 20:08	1
Chromium	ND		10.0	1.3	ug/L		06/25/19 08:16	06/25/19 20:08	1
Copper	ND		25.0	5.1	ug/L		06/25/19 08:16	06/25/19 20:08	1
Nickel	ND		40.0	1.7	ug/L		06/25/19 08:16	06/25/19 20:08	1
Lead	ND		10.0	2.5	ug/L		06/25/19 08:16	06/25/19 20:08	1
Antimony	ND		20.0	2.9	ug/L		06/25/19 08:16	06/25/19 20:08	1
Selenium	ND		20.0	6.6	ug/L		06/25/19 08:16	06/25/19 20:08	1
Thallium	ND		20.0	5.4	ug/L		06/25/19 08:16	06/25/19 20:08	1
Zinc	**9.5**	**J**	30.0	3.6	ug/L		06/25/19 08:16	06/25/19 20:08	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		06/27/19 12:41	06/27/19 14:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1400**		40.0	40.0	mg/L			06/20/19 15:00	1

Client Sample ID: MW-10S

Date Collected: 06/17/19 09:00
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-7

Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			06/22/19 15:21	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			06/22/19 15:21	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			06/22/19 15:21	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			06/22/19 15:21	1
1,1-Dichloroethene	ND		1.0	0.12	ug/L			06/22/19 15:21	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			06/22/19 15:21	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			06/22/19 15:21	1
1,2-Dichloroethene, Total	ND		2.0	0.44	ug/L			06/22/19 15:21	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			06/22/19 15:21	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			06/22/19 15:21	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			06/22/19 15:21	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			06/22/19 15:21	1
Acrolein	ND		4.0	1.1	ug/L			06/22/19 15:21	1
Acrylonitrile	ND		2.0	0.77	ug/L			06/22/19 15:21	1
Benzene	ND		1.0	0.43	ug/L			06/22/19 15:21	1
Bromoform	ND		1.0	0.54	ug/L			06/22/19 15:21	1
Bromomethane	ND		1.0	0.45	ug/L			06/22/19 15:21	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			06/22/19 15:21	1
Chlorobenzene	ND		1.0	0.38	ug/L			06/22/19 15:21	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			06/22/19 15:21	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/19 15:21	1
Chloroform	ND		1.0	0.33	ug/L			06/22/19 15:21	1
Chloromethane	ND		1.0	0.43	ug/L			06/22/19 15:21	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			06/22/19 15:21	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			06/22/19 15:21	1
Ethylbenzene	ND		1.0	0.30	ug/L			06/22/19 15:21	1
Methylene Chloride	ND		1.0	0.32	ug/L			06/22/19 15:21	1
Tetrachloroethene	ND		1.0	0.25	ug/L			06/22/19 15:21	1
Toluene	ND		1.0	0.38	ug/L			06/22/19 15:21	1
trans-1,2-Dichloroethene	ND		1.0	0.24	ug/L			06/22/19 15:21	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			06/22/19 15:21	1
Trichloroethene	**0.71**	**J**	1.0	0.31	ug/L			06/22/19 15:21	1
Vinyl chloride	ND		1.0	0.34	ug/L			06/22/19 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*60 - 140*		*06/22/19 15:21*	*1*
4-Bromofluorobenzene	*108*		*60 - 140*		*06/22/19 15:21*	*1*
Toluene-d8 (Surr)	*94*		*60 - 140*		*06/22/19 15:21*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*		*06/22/19 15:21*	*1*

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	1.1	ug/L		06/25/19 08:16	06/25/19 20:12	1
Arsenic	ND		15.0	2.7	ug/L		06/25/19 08:16	06/25/19 20:12	1
Beryllium	ND		2.0	0.23	ug/L		06/25/19 08:16	06/25/19 20:12	1
Cadmium	ND		4.0	0.22	ug/L		06/25/19 08:16	06/25/19 20:12	1
Chromium	**140**		10.0	1.3	ug/L		06/25/19 08:16	06/25/19 20:12	1
Copper	**12.3**	**J**	25.0	5.1	ug/L		06/25/19 08:16	06/25/19 20:12	1
Nickel	**10.7**	**J**	40.0	1.7	ug/L		06/25/19 08:16	06/25/19 20:12	1
Lead	**4.7**	**J**	10.0	2.5	ug/L		06/25/19 08:16	06/25/19 20:12	1

Client Sample ID: MW-10S

Date Collected: 06/17/19 09:00
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-7

Matrix: Water

Method: 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		20.0	2.9	ug/L		06/25/19 08:16	06/25/19 20:12	1
Selenium	ND		20.0	6.6	ug/L		06/25/19 08:16	06/25/19 20:12	1
Thallium	ND		20.0	5.4	ug/L		06/25/19 08:16	06/25/19 20:12	1
Zinc	**109**		30.0	3.6	ug/L		06/25/19 08:16	06/25/19 20:12	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		06/27/19 12:41	06/27/19 14:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1610**		40.0	40.0	mg/L			06/20/19 15:00	1

Client Sample ID: MW-5D

Date Collected: 06/17/19 06:10
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-8

Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			06/22/19 15:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			06/22/19 15:45	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			06/22/19 15:45	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			06/22/19 15:45	1
1,1-Dichloroethene	ND		1.0	0.12	ug/L			06/22/19 15:45	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			06/22/19 15:45	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			06/22/19 15:45	1
1,2-Dichloroethene, Total	ND		2.0	0.44	ug/L			06/22/19 15:45	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			06/22/19 15:45	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			06/22/19 15:45	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			06/22/19 15:45	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			06/22/19 15:45	1
Acrolein	ND		4.0	1.1	ug/L			06/22/19 15:45	1
Acrylonitrile	ND		2.0	0.77	ug/L			06/22/19 15:45	1
Benzene	ND		1.0	0.43	ug/L			06/22/19 15:45	1
Bromoform	ND		1.0	0.54	ug/L			06/22/19 15:45	1
Bromomethane	ND		1.0	0.45	ug/L			06/22/19 15:45	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			06/22/19 15:45	1
Chlorobenzene	ND		1.0	0.38	ug/L			06/22/19 15:45	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			06/22/19 15:45	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/19 15:45	1
Chloroform	ND		1.0	0.33	ug/L			06/22/19 15:45	1
Chloromethane	ND		1.0	0.43	ug/L			06/22/19 15:45	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			06/22/19 15:45	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			06/22/19 15:45	1
Ethylbenzene	ND		1.0	0.30	ug/L			06/22/19 15:45	1
Methylene Chloride	ND		1.0	0.32	ug/L			06/22/19 15:45	1
Tetrachloroethene	ND		1.0	0.25	ug/L			06/22/19 15:45	1
Toluene	ND		1.0	0.38	ug/L			06/22/19 15:45	1
trans-1,2-Dichloroethene	ND		1.0	0.24	ug/L			06/22/19 15:45	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			06/22/19 15:45	1

Client Sample ID: MW-5D

Date Collected: 06/17/19 06:10
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-8

Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		1.0	0.31	ug/L			06/22/19 15:45	1
Vinyl chloride	**0.60**	**J**	1.0	0.34	ug/L			06/22/19 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*60 - 140*		*06/22/19 15:45*	*1*
4-Bromofluorobenzene	*109*		*60 - 140*		*06/22/19 15:45*	*1*
Toluene-d8 (Surr)	*92*		*60 - 140*		*06/22/19 15:45*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 140*		*06/22/19 15:45*	*1*

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	1.1	ug/L		06/25/19 08:16	06/25/19 20:16	1
Arsenic	ND		15.0	2.7	ug/L		06/25/19 08:16	06/25/19 20:16	1
Beryllium	ND		2.0	0.23	ug/L		06/25/19 08:16	06/25/19 20:16	1
Cadmium	ND		4.0	0.22	ug/L		06/25/19 08:16	06/25/19 20:16	1
Chromium	ND		10.0	1.3	ug/L		06/25/19 08:16	06/25/19 20:16	1
Copper	ND		25.0	5.1	ug/L		06/25/19 08:16	06/25/19 20:16	1
Nickel	**2.6**	**J**	40.0	1.7	ug/L		06/25/19 08:16	06/25/19 20:16	1
Lead	ND		10.0	2.5	ug/L		06/25/19 08:16	06/25/19 20:16	1
Antimony	ND		20.0	2.9	ug/L		06/25/19 08:16	06/25/19 20:16	1
Selenium	ND		20.0	6.6	ug/L		06/25/19 08:16	06/25/19 20:16	1
Thallium	ND		20.0	5.4	ug/L		06/25/19 08:16	06/25/19 20:16	1
Zinc	ND		30.0	3.6	ug/L		06/25/19 08:16	06/25/19 20:16	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		06/27/19 12:41	06/27/19 14:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**2550**		50.0	50.0	mg/L			06/20/19 15:00	1

Client Sample ID: MW-5S

Date Collected: 06/17/19 06:35
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-9

Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			06/22/19 16:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			06/22/19 16:08	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			06/22/19 16:08	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			06/22/19 16:08	1
1,1-Dichloroethene	ND		1.0	0.12	ug/L			06/22/19 16:08	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			06/22/19 16:08	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			06/22/19 16:08	1
1,2-Dichloroethene, Total	**4.2**		2.0	0.44	ug/L			06/22/19 16:08	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			06/22/19 16:08	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			06/22/19 16:08	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			06/22/19 16:08	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			06/22/19 16:08	1
Acrolein	ND		4.0	1.1	ug/L			06/22/19 16:08	1

Client Sample ID: MW-5S

Date Collected: 06/17/19 06:35
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-9

Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrylonitrile	ND		2.0	0.77	ug/L			06/22/19 16:08	1
Benzene	ND		1.0	0.43	ug/L			06/22/19 16:08	1
Bromoform	ND		1.0	0.54	ug/L			06/22/19 16:08	1
Bromomethane	ND		1.0	0.45	ug/L			06/22/19 16:08	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			06/22/19 16:08	1
Chlorobenzene	ND		1.0	0.38	ug/L			06/22/19 16:08	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			06/22/19 16:08	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/19 16:08	1
Chloroform	ND		1.0	0.33	ug/L			06/22/19 16:08	1
Chloromethane	ND		1.0	0.43	ug/L			06/22/19 16:08	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			06/22/19 16:08	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			06/22/19 16:08	1
Ethylbenzene	ND		1.0	0.30	ug/L			06/22/19 16:08	1
Methylene Chloride	ND		1.0	0.32	ug/L			06/22/19 16:08	1
Tetrachloroethene	ND		1.0	0.25	ug/L			06/22/19 16:08	1
Toluene	ND		1.0	0.38	ug/L			06/22/19 16:08	1
trans-1,2-Dichloroethene	ND		1.0	0.24	ug/L			06/22/19 16:08	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			06/22/19 16:08	1
Trichloroethene	**0.39**	**J**	1.0	0.31	ug/L			06/22/19 16:08	1
Vinyl chloride	**1.0**		1.0	0.34	ug/L			06/22/19 16:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*60 - 140*		*06/22/19 16:08*	*1*
4-Bromofluorobenzene	*113*		*60 - 140*		*06/22/19 16:08*	*1*
Toluene-d8 (Surr)	*97*		*60 - 140*		*06/22/19 16:08*	*1*
Dibromofluoromethane (Surr)	*105*		*60 - 140*		*06/22/19 16:08*	*1*

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	1.1	ug/L		06/25/19 08:16	06/25/19 20:20	1
Arsenic	**8.3**	**J**	15.0	2.7	ug/L		06/25/19 08:16	06/25/19 20:20	1
Beryllium	ND		2.0	0.23	ug/L		06/25/19 08:16	06/25/19 20:20	1
Cadmium	ND		4.0	0.22	ug/L		06/25/19 08:16	06/25/19 20:20	1
Chromium	**5.4**	**J**	10.0	1.3	ug/L		06/25/19 08:16	06/25/19 20:20	1
Copper	**6.7**	**J**	25.0	5.1	ug/L		06/25/19 08:16	06/25/19 20:20	1
Nickel	**4.5**	**J**	40.0	1.7	ug/L		06/25/19 08:16	06/25/19 20:20	1
Lead	**2.9**	**J**	10.0	2.5	ug/L		06/25/19 08:16	06/25/19 20:20	1
Antimony	ND		20.0	2.9	ug/L		06/25/19 08:16	06/25/19 20:20	1
Selenium	ND		20.0	6.6	ug/L		06/25/19 08:16	06/25/19 20:20	1
Thallium	ND		20.0	5.4	ug/L		06/25/19 08:16	06/25/19 20:20	1
Zinc	**16.5**	**J**	30.0	3.6	ug/L		06/25/19 08:16	06/25/19 20:20	1

Method: 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	1.1	ug/L		06/24/19 08:32	06/24/19 23:18	1
Arsenic	**2.9**	**J**	15.0	2.7	ug/L		06/24/19 08:32	06/24/19 23:18	1
Beryllium	ND		2.0	0.23	ug/L		06/24/19 08:32	06/24/19 23:18	1
Cadmium	ND		4.0	0.22	ug/L		06/24/19 08:32	06/24/19 23:18	1
Chromium	**2.1**	**J**	10.0	1.3	ug/L		06/24/19 08:32	06/24/19 23:18	1
Copper	ND		25.0	5.1	ug/L		06/24/19 08:32	06/24/19 23:18	1

Client Sample ID: MW-5S

Date Collected: 06/17/19 06:35
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-9
Matrix: Water

Method: 6010D - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	ND		40.0	1.7	ug/L		06/24/19 08:32	06/24/19 23:18	1
Lead	ND		10.0	2.5	ug/L		06/24/19 08:32	06/24/19 23:18	1
Antimony	ND		20.0	2.9	ug/L		06/24/19 08:32	06/24/19 23:18	1
Selenium	ND		20.0	6.6	ug/L		06/24/19 08:32	06/24/19 23:18	1
Thallium	ND		20.0	5.4	ug/L		06/24/19 08:32	06/24/19 23:18	1
Zinc	**4.1**	**J**	30.0	3.6	ug/L		06/24/19 08:32	06/24/19 23:18	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		06/27/19 12:50	06/27/19 14:55	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		06/27/19 14:45	06/27/19 16:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**3450**		100	100	mg/L			06/20/19 15:00	1

Client Sample ID: MW-11D

Date Collected: 06/17/19 07:00
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-10
Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			06/22/19 16:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			06/22/19 16:31	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			06/22/19 16:31	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			06/22/19 16:31	1
1,1-Dichloroethene	ND		1.0	0.12	ug/L			06/22/19 16:31	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			06/22/19 16:31	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			06/22/19 16:31	1
1,2-Dichloroethene, Total	ND		2.0	0.44	ug/L			06/22/19 16:31	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			06/22/19 16:31	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			06/22/19 16:31	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			06/22/19 16:31	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			06/22/19 16:31	1
Acrolein	ND		4.0	1.1	ug/L			06/22/19 16:31	1
Acrylonitrile	ND		2.0	0.77	ug/L			06/22/19 16:31	1
Benzene	ND		1.0	0.43	ug/L			06/22/19 16:31	1
Bromoform	ND		1.0	0.54	ug/L			06/22/19 16:31	1
Bromomethane	ND		1.0	0.45	ug/L			06/22/19 16:31	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			06/22/19 16:31	1
Chlorobenzene	ND		1.0	0.38	ug/L			06/22/19 16:31	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			06/22/19 16:31	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/19 16:31	1
Chloroform	ND		1.0	0.33	ug/L			06/22/19 16:31	1
Chloromethane	ND		1.0	0.43	ug/L			06/22/19 16:31	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			06/22/19 16:31	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			06/22/19 16:31	1
Ethylbenzene	ND		1.0	0.30	ug/L			06/22/19 16:31	1

Client Sample ID: MW-11D

Date Collected: 06/17/19 07:00
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-10

Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		1.0	0.32	ug/L			06/22/19 16:31	1
Tetrachloroethene	ND		1.0	0.25	ug/L			06/22/19 16:31	1
Toluene	ND		1.0	0.38	ug/L			06/22/19 16:31	1
trans-1,2-Dichloroethene	ND		1.0	0.24	ug/L			06/22/19 16:31	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			06/22/19 16:31	1
Trichloroethene	ND		1.0	0.31	ug/L			06/22/19 16:31	1
Vinyl chloride	ND		1.0	0.34	ug/L			06/22/19 16:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*60 - 140*		*06/22/19 16:31*	*1*
4-Bromofluorobenzene	*103*		*60 - 140*		*06/22/19 16:31*	*1*
Toluene-d8 (Surr)	*90*		*60 - 140*		*06/22/19 16:31*	*1*
Dibromofluoromethane (Surr)	*94*		*60 - 140*		*06/22/19 16:31*	*1*

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	1.1	ug/L		06/25/19 08:16	06/25/19 20:24	1
Arsenic	ND		15.0	2.7	ug/L		06/25/19 08:16	06/25/19 20:24	1
Beryllium	ND		2.0	0.23	ug/L		06/25/19 08:16	06/25/19 20:24	1
Cadmium	ND		4.0	0.22	ug/L		06/25/19 08:16	06/25/19 20:24	1
Chromium	**90.2**		10.0	1.3	ug/L		06/25/19 08:16	06/25/19 20:24	1
Copper	**6.8**	**J**	25.0	5.1	ug/L		06/25/19 08:16	06/25/19 20:24	1
Nickel	**38.7**	**J**	40.0	1.7	ug/L		06/25/19 08:16	06/25/19 20:24	1
Lead	**2.6**	**J**	10.0	2.5	ug/L		06/25/19 08:16	06/25/19 20:24	1
Antimony	ND		20.0	2.9	ug/L		06/25/19 08:16	06/25/19 20:24	1
Selenium	ND		20.0	6.6	ug/L		06/25/19 08:16	06/25/19 20:24	1
Thallium	ND		20.0	5.4	ug/L		06/25/19 08:16	06/25/19 20:24	1
Zinc	**10.8**	**J**	30.0	3.6	ug/L		06/25/19 08:16	06/25/19 20:24	1

Method: 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	1.1	ug/L		06/24/19 08:32	06/24/19 23:21	1
Arsenic	**3.0**	**J**	15.0	2.7	ug/L		06/24/19 08:32	06/24/19 23:21	1
Beryllium	**0.25**	**J**	2.0	0.23	ug/L		06/24/19 08:32	06/24/19 23:21	1
Cadmium	ND		4.0	0.22	ug/L		06/24/19 08:32	06/24/19 23:21	1
Chromium	**2.8**	**J**	10.0	1.3	ug/L		06/24/19 08:32	06/24/19 23:21	1
Copper	ND		25.0	5.1	ug/L		06/24/19 08:32	06/24/19 23:21	1
Nickel	**20.1**	**J**	40.0	1.7	ug/L		06/24/19 08:32	06/24/19 23:21	1
Lead	ND		10.0	2.5	ug/L		06/24/19 08:32	06/24/19 23:21	1
Antimony	ND		20.0	2.9	ug/L		06/24/19 08:32	06/24/19 23:21	1
Selenium	ND		20.0	6.6	ug/L		06/24/19 08:32	06/24/19 23:21	1
Thallium	ND		20.0	5.4	ug/L		06/24/19 08:32	06/24/19 23:21	1
Zinc	ND		30.0	3.6	ug/L		06/24/19 08:32	06/24/19 23:21	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		06/27/19 12:50	06/27/19 15:00	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		06/27/19 14:45	06/27/19 16:08	1

Client Sample ID: MW-11D

Lab Sample ID: 460-184615-10

Date Collected: 06/17/19 07:00

Matrix: Water

Date Received: 06/18/19 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1090**		40.0	40.0	mg/L			06/20/19 15:00	1

Client Sample ID: Trip Blank

Lab Sample ID: 460-184615-11

Date Collected: 06/17/19 00:00

Matrix: Water

Date Received: 06/18/19 10:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			06/22/19 10:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			06/22/19 10:39	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			06/22/19 10:39	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			06/22/19 10:39	1
1,1-Dichloroethene	ND		1.0	0.12	ug/L			06/22/19 10:39	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			06/22/19 10:39	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			06/22/19 10:39	1
1,2-Dichloroethene, Total	ND		2.0	0.44	ug/L			06/22/19 10:39	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			06/22/19 10:39	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			06/22/19 10:39	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			06/22/19 10:39	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			06/22/19 10:39	1
Acrolein	ND		4.0	1.1	ug/L			06/22/19 10:39	1
Acrylonitrile	ND		2.0	0.77	ug/L			06/22/19 10:39	1
Benzene	ND		1.0	0.43	ug/L			06/22/19 10:39	1
Bromoform	ND		1.0	0.54	ug/L			06/22/19 10:39	1
Bromomethane	ND		1.0	0.45	ug/L			06/22/19 10:39	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			06/22/19 10:39	1
Chlorobenzene	ND		1.0	0.38	ug/L			06/22/19 10:39	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			06/22/19 10:39	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/19 10:39	1
Chloroform	**0.38**	**J**	1.0	0.33	ug/L			06/22/19 10:39	1
Chloromethane	ND		1.0	0.43	ug/L			06/22/19 10:39	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			06/22/19 10:39	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			06/22/19 10:39	1
Ethylbenzene	ND		1.0	0.30	ug/L			06/22/19 10:39	1
Methylene Chloride	ND		1.0	0.32	ug/L			06/22/19 10:39	1
Tetrachloroethene	ND		1.0	0.25	ug/L			06/22/19 10:39	1
Toluene	ND		1.0	0.38	ug/L			06/22/19 10:39	1
trans-1,2-Dichloroethene	ND		1.0	0.24	ug/L			06/22/19 10:39	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			06/22/19 10:39	1
Trichloroethene	ND		1.0	0.31	ug/L			06/22/19 10:39	1
Vinyl chloride	ND		1.0	0.34	ug/L			06/22/19 10:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*60 - 140*		*06/22/19 10:39*	*1*
4-Bromofluorobenzene	*109*		*60 - 140*		*06/22/19 10:39*	*1*
Toluene-d8 (Surr)	*91*		*60 - 140*		*06/22/19 10:39*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 140*		*06/22/19 10:39*	*1*

Surrogate Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184615-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (60-140)	BFB (60-140)	TOL (60-140)	DBFM (60-140)
460-184615-1	MW-9M	103	108	94	100
460-184615-2	MW-9S	102	111	90	101
460-184615-3	MW-3S	107	101	92	97
460-184615-4	MW-2D	102	111	93	102
460-184615-5	MW-2S	105	106	93	100
460-184615-6	MW-12S	103	107	94	97
460-184615-7	MW-10S	103	108	94	101
460-184615-8	MW-5D	103	109	92	103
460-184615-9	MW-5S	110	113	97	105
460-184615-10	MW-11D	96	103	90	94
460-184615-11	Trip Blank	100	109	91	103
LCS 460-619507/4	Lab Control Sample	104	110	98	97
LCS 460-619560/4	Lab Control Sample	111	106	100	95
LCSD 460-619560/5	Lab Control Sample Dup	108	105	97	97
MB 460-619507/8	Method Blank	105	114	95	102
MB 460-619560/8	Method Blank	110	109	97	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-619507/8
Matrix: Water
Analysis Batch: 619507

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			06/22/19 09:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			06/22/19 09:29	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			06/22/19 09:29	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			06/22/19 09:29	1
1,1-Dichloroethene	ND		1.0	0.12	ug/L			06/22/19 09:29	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			06/22/19 09:29	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			06/22/19 09:29	1
1,2-Dichloroethene, Total	ND		2.0	0.44	ug/L			06/22/19 09:29	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			06/22/19 09:29	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			06/22/19 09:29	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			06/22/19 09:29	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			06/22/19 09:29	1
Acrolein	ND		4.0	1.1	ug/L			06/22/19 09:29	1
Acrylonitrile	ND		2.0	0.77	ug/L			06/22/19 09:29	1
Benzene	ND		1.0	0.43	ug/L			06/22/19 09:29	1
Bromoform	ND		1.0	0.54	ug/L			06/22/19 09:29	1
Bromomethane	ND		1.0	0.45	ug/L			06/22/19 09:29	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			06/22/19 09:29	1
Chlorobenzene	ND		1.0	0.38	ug/L			06/22/19 09:29	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			06/22/19 09:29	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/19 09:29	1
Chloroform	ND		1.0	0.33	ug/L			06/22/19 09:29	1
Chloromethane	ND		1.0	0.43	ug/L			06/22/19 09:29	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			06/22/19 09:29	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			06/22/19 09:29	1
Ethylbenzene	ND		1.0	0.30	ug/L			06/22/19 09:29	1
Methylene Chloride	ND		1.0	0.32	ug/L			06/22/19 09:29	1
Tetrachloroethene	ND		1.0	0.25	ug/L			06/22/19 09:29	1
Toluene	ND		1.0	0.38	ug/L			06/22/19 09:29	1
trans-1,2-Dichloroethene	ND		1.0	0.24	ug/L			06/22/19 09:29	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			06/22/19 09:29	1
Trichloroethene	ND		1.0	0.31	ug/L			06/22/19 09:29	1
Vinyl chloride	ND		1.0	0.34	ug/L			06/22/19 09:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*60 - 140*		*06/22/19 09:29*	*1*
4-Bromofluorobenzene	*114*		*60 - 140*		*06/22/19 09:29*	*1*
Toluene-d8 (Surr)	*95*		*60 - 140*		*06/22/19 09:29*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*		*06/22/19 09:29*	*1*

Lab Sample ID: LCS 460-619507/4
Matrix: Water
Analysis Batch: 619507

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	20.8		ug/L		104	70 - 130
1,1,2,2-Tetrachloroethane	20.0	18.7		ug/L		93	60 - 140
1,1,2-Trichloroethane	20.0	20.4		ug/L		102	70 - 130

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-619507/4
Matrix: Water
Analysis Batch: 619507

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	20.0	21.8		ug/L		109	70 - 130
1,1-Dichloroethene	20.0	22.7		ug/L		114	50 - 150
1,2-Dichlorobenzene	20.0	19.5		ug/L		98	65 - 135
1,2-Dichloroethane	20.0	21.4		ug/L		107	70 - 130
1,2-Dichloropropane	20.0	20.7		ug/L		103	35 - 165
1,3-Dichlorobenzene	20.0	20.0		ug/L		100	70 - 130
1,4-Dichlorobenzene	20.0	19.9		ug/L		100	65 - 135
2-Chloroethyl vinyl ether	20.0	19.9		ug/L		100	0.1 - 225
Benzene	20.0	21.7		ug/L		109	65 - 135
Bromoform	20.0	25.1		ug/L		125	70 - 130
Bromomethane	20.0	26.2		ug/L		131	15 - 185
Carbon tetrachloride	20.0	21.7		ug/L		108	70 - 130
Chlorobenzene	20.0	20.7		ug/L		104	65 - 135
Chlorodibromomethane	20.0	21.1		ug/L		105	70 - 135
Chloroethane	20.0	26.3		ug/L		131	40 - 160
Chloroform	20.0	21.1		ug/L		105	70 - 135
Chloromethane	20.0	28.3		ug/L		141	0.1 - 205
cis-1,3-Dichloropropene	20.0	20.0		ug/L		100	25 - 175
Dichlorobromomethane	20.0	20.7		ug/L		104	65 - 135
Ethylbenzene	20.0	20.0		ug/L		100	60 - 140
Methylene Chloride	20.0	21.1		ug/L		105	60 - 140
Tetrachloroethene	20.0	21.6		ug/L		108	70 - 130
Toluene	20.0	20.6		ug/L		103	70 - 130
trans-1,2-Dichloroethene	20.0	21.0		ug/L		105	70 - 130
trans-1,3-Dichloropropene	20.0	20.5		ug/L		103	50 - 150
Trichloroethene	20.0	20.1		ug/L		101	65 - 135
Vinyl chloride	20.0	28.0		ug/L		140	5 - 195

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*60 - 140*
4-Bromofluorobenzene	*110*		*60 - 140*
Toluene-d8 (Surr)	*98*		*60 - 140*
Dibromofluoromethane (Surr)	*97*		*60 - 140*

Lab Sample ID: MB 460-619560/8
Matrix: Water
Analysis Batch: 619560

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			06/22/19 22:03	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			06/22/19 22:03	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			06/22/19 22:03	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			06/22/19 22:03	1
1,1-Dichloroethene	ND		1.0	0.12	ug/L			06/22/19 22:03	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			06/22/19 22:03	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			06/22/19 22:03	1
1,2-Dichloroethene, Total	ND		2.0	0.44	ug/L			06/22/19 22:03	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			06/22/19 22:03	1

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-619560/8
Matrix: Water
Analysis Batch: 619560

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			06/22/19 22:03	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			06/22/19 22:03	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			06/22/19 22:03	1
Acrolein	ND		4.0	1.1	ug/L			06/22/19 22:03	1
Acrylonitrile	ND		2.0	0.77	ug/L			06/22/19 22:03	1
Benzene	ND		1.0	0.43	ug/L			06/22/19 22:03	1
Bromoform	ND		1.0	0.54	ug/L			06/22/19 22:03	1
Bromomethane	ND		1.0	0.45	ug/L			06/22/19 22:03	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			06/22/19 22:03	1
Chlorobenzene	ND		1.0	0.38	ug/L			06/22/19 22:03	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			06/22/19 22:03	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/19 22:03	1
Chloroform	ND		1.0	0.33	ug/L			06/22/19 22:03	1
Chloromethane	ND		1.0	0.43	ug/L			06/22/19 22:03	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			06/22/19 22:03	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			06/22/19 22:03	1
Ethylbenzene	ND		1.0	0.30	ug/L			06/22/19 22:03	1
Methylene Chloride	ND		1.0	0.32	ug/L			06/22/19 22:03	1
Tetrachloroethene	ND		1.0	0.25	ug/L			06/22/19 22:03	1
Toluene	ND		1.0	0.38	ug/L			06/22/19 22:03	1
trans-1,2-Dichloroethene	ND		1.0	0.24	ug/L			06/22/19 22:03	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			06/22/19 22:03	1
Trichloroethene	ND		1.0	0.31	ug/L			06/22/19 22:03	1
Vinyl chloride	ND		1.0	0.34	ug/L			06/22/19 22:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*60 - 140*		*06/22/19 22:03*	*1*
4-Bromofluorobenzene	*109*		*60 - 140*		*06/22/19 22:03*	*1*
Toluene-d8 (Surr)	*97*		*60 - 140*		*06/22/19 22:03*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*		*06/22/19 22:03*	*1*

Lab Sample ID: LCS 460-619560/4
Matrix: Water
Analysis Batch: 619560

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	20.0		ug/L		100	70 - 130
1,1,2,2-Tetrachloroethane	20.0	19.6		ug/L		98	60 - 140
1,1,2-Trichloroethane	20.0	21.6		ug/L		108	70 - 130
1,1-Dichloroethane	20.0	23.5		ug/L		117	70 - 130
1,1-Dichloroethene	20.0	22.3		ug/L		111	50 - 150
1,2-Dichlorobenzene	20.0	20.0		ug/L		100	65 - 135
1,2-Dichloroethane	20.0	23.3		ug/L		116	70 - 130
1,2-Dichloropropane	20.0	22.1		ug/L		111	35 - 165
1,3-Dichlorobenzene	20.0	20.2		ug/L		101	70 - 130
1,4-Dichlorobenzene	20.0	19.9		ug/L		100	65 - 135
2-Chloroethyl vinyl ether	20.0	20.8		ug/L		104	0.1 - 225
Benzene	20.0	22.8		ug/L		114	65 - 135

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-619560/4
Matrix: Water
Analysis Batch: 619560

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	20.0	23.8		ug/L		119	70 - 130
Bromomethane	20.0	25.7		ug/L		129	15 - 185
Carbon tetrachloride	20.0	21.0		ug/L		105	70 - 130
Chlorobenzene	20.0	21.0		ug/L		105	65 - 135
Chlorodibromomethane	20.0	20.9		ug/L		104	70 - 135
Chloroethane	20.0	27.3		ug/L		136	40 - 160
Chloroform	20.0	21.4		ug/L		107	70 - 135
Chloromethane	20.0	31.1		ug/L		156	0.1 - 205
cis-1,3-Dichloropropene	20.0	21.5		ug/L		108	25 - 175
Dichlorobromomethane	20.0	21.6		ug/L		108	65 - 135
Ethylbenzene	20.0	19.8		ug/L		99	60 - 140
Methylene Chloride	20.0	21.5		ug/L		108	60 - 140
Tetrachloroethene	20.0	20.7		ug/L		103	70 - 130
Toluene	20.0	20.9		ug/L		105	70 - 130
trans-1,2-Dichloroethene	20.0	20.0		ug/L		100	70 - 130
trans-1,3-Dichloropropene	20.0	21.7		ug/L		108	50 - 150
Trichloroethene	20.0	20.3		ug/L		102	65 - 135
Vinyl chloride	20.0	27.8		ug/L		139	5 - 195

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*60 - 140*
4-Bromofluorobenzene	*106*		*60 - 140*
Toluene-d8 (Surr)	*100*		*60 - 140*
Dibromofluoromethane (Surr)	*95*		*60 - 140*

Lab Sample ID: LCSD 460-619560/5
Matrix: Water
Analysis Batch: 619560

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	19.3		ug/L		97	70 - 130	4	36
1,1,2,2-Tetrachloroethane	20.0	18.8		ug/L		94	60 - 140	4	61
1,1,2-Trichloroethane	20.0	20.9		ug/L		105	70 - 130	3	45
1,1-Dichloroethane	20.0	23.2		ug/L		116	70 - 130	1	40
1,1-Dichloroethene	20.0	20.9		ug/L		104	50 - 150	7	32
1,2-Dichlorobenzene	20.0	19.0		ug/L		95	65 - 135	5	57
1,2-Dichloroethane	20.0	22.0		ug/L		110	70 - 130	6	49
1,2-Dichloropropane	20.0	21.8		ug/L		109	35 - 165	2	55
1,3-Dichlorobenzene	20.0	18.6		ug/L		93	70 - 130	8	43
1,4-Dichlorobenzene	20.0	19.0		ug/L		95	65 - 135	5	57
2-Chloroethyl vinyl ether	20.0	19.0		ug/L		95	0.1 - 225	9	71
Benzene	20.0	21.6		ug/L		108	65 - 135	5	61
Bromoform	20.0	22.7		ug/L		114	70 - 130	5	42
Bromomethane	20.0	23.8		ug/L		119	15 - 185	8	61
Carbon tetrachloride	20.0	19.8		ug/L		99	70 - 130	6	41
Chlorobenzene	20.0	19.8		ug/L		99	65 - 135	6	53
Chlorodibromomethane	20.0	19.6		ug/L		98	70 - 135	6	50
Chloroethane	20.0	25.0		ug/L		125	40 - 160	9	78

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-619560/5
Matrix: Water
Analysis Batch: 619560

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloroform	20.0	21.2		ug/L		106	70 - 135	1	54
Chloromethane	20.0	30.8		ug/L		154	0.1 - 205	1	60
cis-1,3-Dichloropropene	20.0	20.3		ug/L		102	25 - 175	6	58
Dichlorobromomethane	20.0	20.9		ug/L		105	65 - 135	3	56
Ethylbenzene	20.0	19.1		ug/L		96	60 - 140	3	63
Methylene Chloride	20.0	21.4		ug/L		107	60 - 140	1	28
Tetrachloroethene	20.0	18.8		ug/L		94	70 - 130	9	39
Toluene	20.0	20.4		ug/L		102	70 - 130	3	41
trans-1,2-Dichloroethene	20.0	20.4		ug/L		102	70 - 130	2	45
trans-1,3-Dichloropropene	20.0	21.0		ug/L		105	50 - 150	3	86
Trichloroethene	20.0	18.7		ug/L		93	65 - 135	8	48
Vinyl chloride	20.0	27.0		ug/L		135	5 - 195	3	66

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*60 - 140*
4-Bromofluorobenzene	*105*		*60 - 140*
Toluene-d8 (Surr)	*97*		*60 - 140*
Dibromofluoromethane (Surr)	*97*		*60 - 140*

Method: 6010D - Metals (ICP)

Lab Sample ID: LCS 460-619813/2-A
Matrix: Water
Analysis Batch: 619922

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 619813

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	50.0	49.55		ug/L		99	80 - 120
Arsenic	2000	1861		ug/L		93	80 - 120
Beryllium	50.0	49.24		ug/L		98	80 - 120
Cadmium	50.0	52.16		ug/L		104	80 - 120
Chromium	200	222.3		ug/L		111	80 - 120
Copper	250	238.5		ug/L		95	80 - 120
Nickel	500	502.0		ug/L		100	80 - 120
Lead	500	512.0		ug/L		102	80 - 120
Antimony	500	476.8		ug/L		95	80 - 120
Selenium	2000	1877		ug/L		94	80 - 120
Thallium	2000	2261		ug/L		113	80 - 120
Zinc	500	526.2		ug/L		105	80 - 120

Lab Sample ID: MB 460-620090/1-A
Matrix: Water
Analysis Batch: 620154

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 620090

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	1.1	ug/L		06/25/19 08:16	06/25/19 16:15	1
Arsenic	ND		15.0	2.7	ug/L		06/25/19 08:16	06/25/19 16:15	1
Beryllium	ND		2.0	0.23	ug/L		06/25/19 08:16	06/25/19 16:15	1
Cadmium	ND		4.0	0.22	ug/L		06/25/19 08:16	06/25/19 16:15	1
Chromium	ND		10.0	1.3	ug/L		06/25/19 08:16	06/25/19 16:15	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 460-620090/1-A
Matrix: Water
Analysis Batch: 620154

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 620090

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		25.0	5.1	ug/L		06/25/19 08:16	06/25/19 16:15	1
Nickel	ND		40.0	1.7	ug/L		06/25/19 08:16	06/25/19 16:15	1
Lead	ND		10.0	2.5	ug/L		06/25/19 08:16	06/25/19 16:15	1
Antimony	ND		20.0	2.9	ug/L		06/25/19 08:16	06/25/19 16:15	1
Selenium	ND		20.0	6.6	ug/L		06/25/19 08:16	06/25/19 16:15	1
Thallium	ND		20.0	5.4	ug/L		06/25/19 08:16	06/25/19 16:15	1
Zinc	ND		30.0	3.6	ug/L		06/25/19 08:16	06/25/19 16:15	1

Lab Sample ID: LCS 460-620090/2-A
Matrix: Water
Analysis Batch: 620154

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 620090

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	50.0	47.08		ug/L		94	80 - 120
Arsenic	2000	1908		ug/L		95	80 - 120
Beryllium	50.0	50.97		ug/L		102	80 - 120
Cadmium	50.0	51.55		ug/L		103	80 - 120
Chromium	200	204.0		ug/L		102	80 - 120
Copper	250	241.7		ug/L		97	80 - 120
Nickel	500	535.3		ug/L		107	80 - 120
Lead	500	512.5		ug/L		103	80 - 120
Antimony	500	485.3		ug/L		97	80 - 120
Selenium	2000	1961		ug/L		98	80 - 120
Thallium	2000	2292		ug/L		115	80 - 120
Zinc	500	527.6		ug/L		106	80 - 120

Lab Sample ID: MB 460-619811/1-B
Matrix: Water
Analysis Batch: 619922

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 619813

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	1.1	ug/L		06/24/19 08:32	06/24/19 22:07	1
Arsenic	ND		15.0	2.7	ug/L		06/24/19 08:32	06/24/19 22:07	1
Beryllium	ND		2.0	0.23	ug/L		06/24/19 08:32	06/24/19 22:07	1
Cadmium	ND		4.0	0.22	ug/L		06/24/19 08:32	06/24/19 22:07	1
Chromium	ND		10.0	1.3	ug/L		06/24/19 08:32	06/24/19 22:07	1
Copper	ND		25.0	5.1	ug/L		06/24/19 08:32	06/24/19 22:07	1
Nickel	ND		40.0	1.7	ug/L		06/24/19 08:32	06/24/19 22:07	1
Lead	ND		10.0	2.5	ug/L		06/24/19 08:32	06/24/19 22:07	1
Antimony	ND		20.0	2.9	ug/L		06/24/19 08:32	06/24/19 22:07	1
Selenium	ND		20.0	6.6	ug/L		06/24/19 08:32	06/24/19 22:07	1
Thallium	ND		20.0	5.4	ug/L		06/24/19 08:32	06/24/19 22:07	1
Zinc	ND		30.0	3.6	ug/L		06/24/19 08:32	06/24/19 22:07	1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 460-620779/1-A
Matrix: Water
Analysis Batch: 620863

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 620779

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		06/27/19 12:41	06/27/19 13:58	1

Lab Sample ID: LCS 460-620779/2-A
Matrix: Water
Analysis Batch: 620863

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 620779

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	1.00	1.01		ug/L		101	80 - 120

Lab Sample ID: 460-184615-1 MS
Matrix: Water
Analysis Batch: 620863

Client Sample ID: MW-9M
Prep Type: Total/NA
Prep Batch: 620779

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		1.00	1.02		ug/L		102	75 - 125

Lab Sample ID: 460-184615-1 DU
Matrix: Water
Analysis Batch: 620863

Client Sample ID: MW-9M
Prep Type: Total/NA
Prep Batch: 620779

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	ND		ND		ug/L		NC	20

Lab Sample ID: MB 460-620782/1-A
Matrix: Water
Analysis Batch: 620863

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 620782

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		06/27/19 12:50	06/27/19 14:44	1

Lab Sample ID: LCS 460-620782/2-A
Matrix: Water
Analysis Batch: 620863

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 620782

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	1.00	1.02		ug/L		102	80 - 120

Lab Sample ID: LCS 460-620806/3-A
Matrix: Water
Analysis Batch: 620863

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 620806

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	1.00	1.02		ug/L		102	80 - 120

Lab Sample ID: MB 460-620805/1-B
Matrix: Water
Analysis Batch: 620863

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 620806

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		06/27/19 14:45	06/27/19 15:32	1

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184615-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 460-619044/1
Matrix: Water
Analysis Batch: 619044

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	10.0	mg/L			06/20/19 15:00	1

Lab Sample ID: LCSSRM 460-619044/2
Matrix: Water
Analysis Batch: 619044

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Dissolved Solids			585	574.0		mg/L		98.1	89.9 - 109.9		

Lab Sample ID: 460-184615-1 DU
Matrix: Water
Analysis Batch: 619044

Client Sample ID: MW-9M
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1410			1396		mg/L				1	5

QC Association Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184615-1

GC/MS VOA

Analysis Batch: 619507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-184615-1	MW-9M	Total/NA	Water	624.1	
460-184615-2	MW-9S	Total/NA	Water	624.1	
460-184615-4	MW-2D	Total/NA	Water	624.1	
460-184615-5	MW-2S	Total/NA	Water	624.1	
460-184615-6	MW-12S	Total/NA	Water	624.1	
460-184615-7	MW-10S	Total/NA	Water	624.1	
460-184615-8	MW-5D	Total/NA	Water	624.1	
460-184615-9	MW-5S	Total/NA	Water	624.1	
460-184615-10	MW-11D	Total/NA	Water	624.1	
460-184615-11	Trip Blank	Total/NA	Water	624.1	
MB 460-619507/8	Method Blank	Total/NA	Water	624.1	
LCS 460-619507/4	Lab Control Sample	Total/NA	Water	624.1	

Analysis Batch: 619560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-184615-3	MW-3S	Total/NA	Water	624.1	
MB 460-619560/8	Method Blank	Total/NA	Water	624.1	
LCS 460-619560/4	Lab Control Sample	Total/NA	Water	624.1	
LCSD 460-619560/5	Lab Control Sample Dup	Total/NA	Water	624.1	

Metals

Filtration Batch: 619811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-184615-9	MW-5S	Dissolved	Water	FILTRATION	
460-184615-10	MW-11D	Dissolved	Water	FILTRATION	
MB 460-619811/1-B	Method Blank	Dissolved	Water	FILTRATION	

Prep Batch: 619813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-184615-9	MW-5S	Dissolved	Water	3010A	619811
460-184615-10	MW-11D	Dissolved	Water	3010A	619811
MB 460-619811/1-B	Method Blank	Dissolved	Water	3010A	619811
LCS 460-619813/2-A	Lab Control Sample	Total/NA	Water	3010A	

Analysis Batch: 619922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-184615-9	MW-5S	Dissolved	Water	6010D	619813
460-184615-10	MW-11D	Dissolved	Water	6010D	619813
MB 460-619811/1-B	Method Blank	Dissolved	Water	6010D	619813
LCS 460-619813/2-A	Lab Control Sample	Total/NA	Water	6010D	619813

Prep Batch: 620090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-184615-1	MW-9M	Total/NA	Water	3010A	
460-184615-2	MW-9S	Total/NA	Water	3010A	
460-184615-3	MW-3S	Total/NA	Water	3010A	
460-184615-4	MW-2D	Total/NA	Water	3010A	
460-184615-5	MW-2S	Total/NA	Water	3010A	
460-184615-6	MW-12S	Total/NA	Water	3010A	
460-184615-7	MW-10S	Total/NA	Water	3010A	

Metals (Continued)

Prep Batch: 620090 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-184615-8	MW-5D	Total/NA	Water	3010A	
460-184615-9	MW-5S	Total/NA	Water	3010A	
460-184615-10	MW-11D	Total/NA	Water	3010A	
MB 460-620090/1-A	Method Blank	Total/NA	Water	3010A	
LCS 460-620090/2-A	Lab Control Sample	Total/NA	Water	3010A	

Analysis Batch: 620154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-184615-1	MW-9M	Total/NA	Water	6010D	620090
460-184615-2	MW-9S	Total/NA	Water	6010D	620090
460-184615-3	MW-3S	Total/NA	Water	6010D	620090
460-184615-4	MW-2D	Total/NA	Water	6010D	620090
460-184615-5	MW-2S	Total/NA	Water	6010D	620090
460-184615-6	MW-12S	Total/NA	Water	6010D	620090
460-184615-7	MW-10S	Total/NA	Water	6010D	620090
460-184615-8	MW-5D	Total/NA	Water	6010D	620090
460-184615-9	MW-5S	Total/NA	Water	6010D	620090
460-184615-10	MW-11D	Total/NA	Water	6010D	620090
MB 460-620090/1-A	Method Blank	Total/NA	Water	6010D	620090
LCS 460-620090/2-A	Lab Control Sample	Total/NA	Water	6010D	620090

Prep Batch: 620779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-184615-1	MW-9M	Total/NA	Water	7470A	
460-184615-2	MW-9S	Total/NA	Water	7470A	
460-184615-3	MW-3S	Total/NA	Water	7470A	
460-184615-4	MW-2D	Total/NA	Water	7470A	
460-184615-5	MW-2S	Total/NA	Water	7470A	
460-184615-6	MW-12S	Total/NA	Water	7470A	
460-184615-7	MW-10S	Total/NA	Water	7470A	
460-184615-8	MW-5D	Total/NA	Water	7470A	
MB 460-620779/1-A	Method Blank	Total/NA	Water	7470A	
LCS 460-620779/2-A	Lab Control Sample	Total/NA	Water	7470A	
460-184615-1 MS	MW-9M	Total/NA	Water	7470A	
460-184615-1 DU	MW-9M	Total/NA	Water	7470A	

Prep Batch: 620782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-184615-9	MW-5S	Total/NA	Water	7470A	
460-184615-10	MW-11D	Total/NA	Water	7470A	
MB 460-620782/1-A	Method Blank	Total/NA	Water	7470A	
LCS 460-620782/2-A	Lab Control Sample	Total/NA	Water	7470A	

Filtration Batch: 620805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-184615-9	MW-5S	Dissolved	Water	FILTRATION	
460-184615-10	MW-11D	Dissolved	Water	FILTRATION	
MB 460-620805/1-B	Method Blank	Dissolved	Water	FILTRATION	

Metals

Prep Batch: 620806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-184615-9	MW-5S	Dissolved	Water	7470A	620805
460-184615-10	MW-11D	Dissolved	Water	7470A	620805
MB 460-620805/1-B	Method Blank	Dissolved	Water	7470A	620805
LCS 460-620806/3-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 620863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-184615-1	MW-9M	Total/NA	Water	7470A	620779
460-184615-2	MW-9S	Total/NA	Water	7470A	620779
460-184615-3	MW-3S	Total/NA	Water	7470A	620779
460-184615-4	MW-2D	Total/NA	Water	7470A	620779
460-184615-5	MW-2S	Total/NA	Water	7470A	620779
460-184615-6	MW-12S	Total/NA	Water	7470A	620779
460-184615-7	MW-10S	Total/NA	Water	7470A	620779
460-184615-8	MW-5D	Total/NA	Water	7470A	620779
460-184615-9	MW-5S	Dissolved	Water	7470A	620806
460-184615-9	MW-5S	Total/NA	Water	7470A	620782
460-184615-10	MW-11D	Dissolved	Water	7470A	620806
460-184615-10	MW-11D	Total/NA	Water	7470A	620782
MB 460-620779/1-A	Method Blank	Total/NA	Water	7470A	620779
MB 460-620782/1-A	Method Blank	Total/NA	Water	7470A	620782
MB 460-620805/1-B	Method Blank	Dissolved	Water	7470A	620806
LCS 460-620779/2-A	Lab Control Sample	Total/NA	Water	7470A	620779
LCS 460-620782/2-A	Lab Control Sample	Total/NA	Water	7470A	620782
LCS 460-620806/3-A	Lab Control Sample	Total/NA	Water	7470A	620806
460-184615-1 MS	MW-9M	Total/NA	Water	7470A	620779
460-184615-1 DU	MW-9M	Total/NA	Water	7470A	620779

General Chemistry

Analysis Batch: 619044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-184615-1	MW-9M	Total/NA	Water	SM 2540C	
460-184615-2	MW-9S	Total/NA	Water	SM 2540C	
460-184615-3	MW-3S	Total/NA	Water	SM 2540C	
460-184615-4	MW-2D	Total/NA	Water	SM 2540C	
460-184615-5	MW-2S	Total/NA	Water	SM 2540C	
460-184615-6	MW-12S	Total/NA	Water	SM 2540C	
460-184615-7	MW-10S	Total/NA	Water	SM 2540C	
460-184615-8	MW-5D	Total/NA	Water	SM 2540C	
460-184615-9	MW-5S	Total/NA	Water	SM 2540C	
460-184615-10	MW-11D	Total/NA	Water	SM 2540C	
MB 460-619044/1	Method Blank	Total/NA	Water	SM 2540C	
LCSSRM 460-619044/2	Lab Control Sample	Total/NA	Water	SM 2540C	
460-184615-1 DU	MW-9M	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184615-1

Client Sample ID: MW-9M
Date Collected: 06/17/19 11:00
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	619507	06/22/19 13:24	SZD	TAL EDI
Total/NA	Prep	3010A			620090	06/25/19 08:16	QZY	TAL EDI
Total/NA	Analysis	6010D		1	620154	06/25/19 19:40	CDC	TAL EDI
Total/NA	Prep	7470A			620779	06/27/19 12:41	RBS	TAL EDI
Total/NA	Analysis	7470A		1	620863	06/27/19 14:01	RBS	TAL EDI
Total/NA	Analysis	SM 2540C		1	619044	06/20/19 15:00	PLS	TAL EDI

Client Sample ID: MW-9S
Date Collected: 06/17/19 11:15
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	619507	06/22/19 13:48	SZD	TAL EDI
Total/NA	Prep	3010A			620090	06/25/19 08:16	QZY	TAL EDI
Total/NA	Analysis	6010D		1	620154	06/25/19 19:44	CDC	TAL EDI
Total/NA	Prep	7470A			620779	06/27/19 12:41	RBS	TAL EDI
Total/NA	Analysis	7470A		1	620863	06/27/19 14:29	RBS	TAL EDI
Total/NA	Analysis	SM 2540C		1	619044	06/20/19 15:00	PLS	TAL EDI

Client Sample ID: MW-3S
Date Collected: 06/17/19 10:25
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	619560	06/22/19 22:26	VBP	TAL EDI
Total/NA	Prep	3010A			620090	06/25/19 08:16	QZY	TAL EDI
Total/NA	Analysis	6010D		1	620154	06/25/19 19:56	CDC	TAL EDI
Total/NA	Prep	7470A			620779	06/27/19 12:41	RBS	TAL EDI
Total/NA	Analysis	7470A		1	620863	06/27/19 14:30	RBS	TAL EDI
Total/NA	Analysis	SM 2540C		1	619044	06/20/19 15:00	PLS	TAL EDI

Client Sample ID: MW-2D
Date Collected: 06/17/19 07:40
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	619507	06/22/19 14:11	SZD	TAL EDI
Total/NA	Prep	3010A			620090	06/25/19 08:16	QZY	TAL EDI
Total/NA	Analysis	6010D		1	620154	06/25/19 20:00	CDC	TAL EDI
Total/NA	Prep	7470A			620779	06/27/19 12:41	RBS	TAL EDI
Total/NA	Analysis	7470A		1	620863	06/27/19 14:32	RBS	TAL EDI
Total/NA	Analysis	SM 2540C		1	619044	06/20/19 15:00	PLS	TAL EDI

Lab Chronicle

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184615-1

Client Sample ID: MW-2S
Date Collected: 06/17/19 08:00
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	619507	06/22/19 14:34	SZD	TAL EDI
Total/NA	Prep	3010A			620090	06/25/19 08:16	QZY	TAL EDI
Total/NA	Analysis	6010D		1	620154	06/25/19 20:04	CDC	TAL EDI
Total/NA	Prep	7470A			620779	06/27/19 12:41	RBS	TAL EDI
Total/NA	Analysis	7470A		1	620863	06/27/19 14:34	RBS	TAL EDI
Total/NA	Analysis	SM 2540C		1	619044	06/20/19 15:00	PLS	TAL EDI

Client Sample ID: MW-12S
Date Collected: 06/17/19 09:25
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	619507	06/22/19 14:58	SZD	TAL EDI
Total/NA	Prep	3010A			620090	06/25/19 08:16	QZY	TAL EDI
Total/NA	Analysis	6010D		1	620154	06/25/19 20:08	CDC	TAL EDI
Total/NA	Prep	7470A			620779	06/27/19 12:41	RBS	TAL EDI
Total/NA	Analysis	7470A		1	620863	06/27/19 14:39	RBS	TAL EDI
Total/NA	Analysis	SM 2540C		1	619044	06/20/19 15:00	PLS	TAL EDI

Client Sample ID: MW-10S
Date Collected: 06/17/19 09:00
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	619507	06/22/19 15:21	SZD	TAL EDI
Total/NA	Prep	3010A			620090	06/25/19 08:16	QZY	TAL EDI
Total/NA	Analysis	6010D		1	620154	06/25/19 20:12	CDC	TAL EDI
Total/NA	Prep	7470A			620779	06/27/19 12:41	RBS	TAL EDI
Total/NA	Analysis	7470A		1	620863	06/27/19 14:41	RBS	TAL EDI
Total/NA	Analysis	SM 2540C		1	619044	06/20/19 15:00	PLS	TAL EDI

Client Sample ID: MW-5D
Date Collected: 06/17/19 06:10
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	619507	06/22/19 15:45	SZD	TAL EDI
Total/NA	Prep	3010A			620090	06/25/19 08:16	QZY	TAL EDI
Total/NA	Analysis	6010D		1	620154	06/25/19 20:16	CDC	TAL EDI
Total/NA	Prep	7470A			620779	06/27/19 12:41	RBS	TAL EDI
Total/NA	Analysis	7470A		1	620863	06/27/19 14:43	RBS	TAL EDI
Total/NA	Analysis	SM 2540C		1	619044	06/20/19 15:00	PLS	TAL EDI

Lab Chronicle

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184615-1

Client Sample ID: MW-5S
Date Collected: 06/17/19 06:35
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	619507	06/22/19 16:08	SZD	TAL EDI
Dissolved	Filtration	FILTRATION			619811	06/24/19 08:25	QZY	TAL EDI
Dissolved	Prep	3010A			619813	06/24/19 08:32	QZY	TAL EDI
Dissolved	Analysis	6010D		1	619922	06/24/19 23:18	YZH	TAL EDI
Total/NA	Prep	3010A			620090	06/25/19 08:16	QZY	TAL EDI
Total/NA	Analysis	6010D		1	620154	06/25/19 20:20	CDC	TAL EDI
Dissolved	Filtration	FILTRATION			620805	06/27/19 14:42	RBS	TAL EDI
Dissolved	Prep	7470A			620806	06/27/19 14:45	RBS	TAL EDI
Dissolved	Analysis	7470A		1	620863	06/27/19 16:07	RBS	TAL EDI
Total/NA	Prep	7470A			620782	06/27/19 12:50	RBS	TAL EDI
Total/NA	Analysis	7470A		1	620863	06/27/19 14:55	RBS	TAL EDI
Total/NA	Analysis	SM 2540C		1	619044	06/20/19 15:00	PLS	TAL EDI

Client Sample ID: MW-11D
Date Collected: 06/17/19 07:00
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	619507	06/22/19 16:31	SZD	TAL EDI
Dissolved	Filtration	FILTRATION			619811	06/24/19 08:25	QZY	TAL EDI
Dissolved	Prep	3010A			619813	06/24/19 08:32	QZY	TAL EDI
Dissolved	Analysis	6010D		1	619922	06/24/19 23:21	YZH	TAL EDI
Total/NA	Prep	3010A			620090	06/25/19 08:16	QZY	TAL EDI
Total/NA	Analysis	6010D		1	620154	06/25/19 20:24	CDC	TAL EDI
Dissolved	Filtration	FILTRATION			620805	06/27/19 14:42	RBS	TAL EDI
Dissolved	Prep	7470A			620806	06/27/19 14:45	RBS	TAL EDI
Dissolved	Analysis	7470A		1	620863	06/27/19 16:08	RBS	TAL EDI
Total/NA	Prep	7470A			620782	06/27/19 12:50	RBS	TAL EDI
Total/NA	Analysis	7470A		1	620863	06/27/19 15:00	RBS	TAL EDI
Total/NA	Analysis	SM 2540C		1	619044	06/20/19 15:00	PLS	TAL EDI

Client Sample ID: Trip Blank
Date Collected: 06/17/19 00:00
Date Received: 06/18/19 10:00

Lab Sample ID: 460-184615-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	619507	06/22/19 10:39	SZD	TAL EDI

Laboratory References:
TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184615-1

Laboratory: Eurofins TestAmerica, Edison

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Connecticut	State Program	1	PH-0200	09-30-20
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	N/A	12-31-19
New Jersey	NELAP	2	12028	06-30-19
New York	NELAP	2	11452	04-01-20
Pennsylvania	NELAP	3	68-00522	02-28-20
Pennsylvania	NELAP		68-00522	02-28-20
Rhode Island	State Program	1	LAO00132	12-30-19
USDA	Federal		NJCA-003-08	05-03-21

Laboratory: Eurofins TestAmerica, Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-20

Method Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184615-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL EDI
6010D	Metals (ICP)	SW846	TAL EDI
7470A	Mercury (CVAA)	SW846	TAL EDI
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL EDI
3010A	Preparation, Total Metals	SW846	TAL EDI
7470A	Preparation, Mercury	SW846	TAL EDI
FILTRATION	Sample Filtration	None	TAL EDI

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.
None = None
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184615-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-184615-1	MW-9M	Water	06/17/19 11:00	06/18/19 10:00	
460-184615-2	MW-9S	Water	06/17/19 11:15	06/18/19 10:00	
460-184615-3	MW-3S	Water	06/17/19 10:25	06/18/19 10:00	
460-184615-4	MW-2D	Water	06/17/19 07:40	06/18/19 10:00	
460-184615-5	MW-2S	Water	06/17/19 08:00	06/18/19 10:00	
460-184615-6	MW-12S	Water	06/17/19 09:25	06/18/19 10:00	
460-184615-7	MW-10S	Water	06/17/19 09:00	06/18/19 10:00	
460-184615-8	MW-5D	Water	06/17/19 06:10	06/18/19 10:00	
460-184615-9	MW-5S	Water	06/17/19 06:35	06/18/19 10:00	
460-184615-10	MW-11D	Water	06/17/19 07:00	06/18/19 10:00	
460-184615-11	Trip Blank	Water	06/17/19 00:00	06/18/19 10:00	

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Client Information

Client Contact: Michael Moracco	Sampler: Tim Knoll	Lab PM: Johnson, Orlette S	Carrier Tracking No(s): Syracuse #225
Company: Town of Dewitt	Phone: 413-230-8415	E-Mail: orlette.johnson@testamericainc.com	COC No: 460-131329-17665.1
Address: 5400 Butternut Drive	Due Date Requested:		Page: Page 1 of 2
City: East Syracuse	TAT Requested (days):		Job #: 184615
State, Zip: NY, 13057			
Phone: 315-446-3910(Tel)	PO #: Purchase Order not required		
Email: mmoracco@townofdewitt.com	WO #:		
Project Name: Town of Dewitt/ Event Desc: Groundwater - Annual (3)	Project #: 48009871		
Site: New York	SSOW#:		

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3

460-184615 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010C, 7470A	624_5ml - Volatiles	2540C_Calcd - Total Dissolved Solids	6010C, 7470A	Total Number	Special Instructions/Note:
Preservation Code:							D	A	N	N		
MW-6S				Water								
MW-8D				Water								
MW-8S				Water								
MW-9D				Water								Not Sampled
MW-9M	6-17-19	1100	G	Water			X	X	X		1	
MW-9S	6-17-19	1115	G	Water			X	X	X		2	
MW-3S	6-17-19	1025	G	Water			X	X	X		3	
MW-4S				Water								
MW-4D				Water								
MW-1S				Water								
MW-2D	6-17-19	0740	G	Water			X	X	X		4	

6-17-19

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:		
Relinquished by: Tim Knoll	Date/Time: 6-17-19 1500	Company: EUFNS TA	Received by: Angela Pinilla via FEDEX	Date/Time: 6/18/19 10:00	Company: TA Edison	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: CS PRESENT		Cooler Temperature(s) °C and Other Remarks:	3.2°C IR#9		

Ver: 01/16/2019

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Client Information	Sampler: Tim Knollmeyer	Lab PM: Johnson, Orlette S	Carrier Tracking No(s): Syracuse #225	COC No: 480-131329-17665.2
Client Contact: Michael Moracco	Phone: 413-230-8415	E-Mail: orlette.johnson@testamericainc.com		Page: Page 2 of 2
Company: Town of Dewitt				Job #: 184616
Address: 5400 Butternut Drive	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13057				
Phone: 315-446-3910(Tel)	PO #: Purchase Order not required			
Email: mmoracco@townofdewitt.com	WO #:			
Project Name: Town of Dewitt/ Event Desc: Groundwater - Annual (3)	Project #: 48009871			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010C, 7470A	624_5ml - Volatiles	2540C_Calcd - Total Dissolved Solids	6010C, 7470A Diss	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	A	N	N		
MW-2S	6-17-19	0800	G	Water			X	X	X			5
MW-12S	6-17-19	0925	G	Water			X	X	X			6
~~MW-7S~~				~~Water~~								TNC 6-17-19
MW-10S	6-17-19	0900	G	Water			X	X	X			7
MW-5D	6-17-19	0610	G	Water			X	X	X			8
MW-5S	6-17-19	0635	G	Water			X	X	X	X		9
MW-11D	6-17-19	0700	G	Water			X	X	X	X		10
Trip Blank			G	Water				X				11
							TNC					
							6-17-19					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Tim Knollmeyer	6-17-19 1900	Eurofins TA	Angela Pinilla via FEDEX	6/18/19 10:00	TA Edison
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: CJ PRESENT | Cooler Temperature(s) °C and Other Remarks: 3.2°C IR#9

Ver: 01/16/2019

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 184615

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	3.0 °C	°C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other
1				<2											
2				<2											
3				<2											
4				<2											
5				<2											
6				<2											
7				<2											
8				<2											
9				<2											
10				<2											

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

* *Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: ACCP **Date:** 6/18/19

EDS-WI-038, Rev 4, 06/09/2014

FIELD OBSERVATIONS

Facility: Dewitt LF **Sample Point ID:** MW-9M

Field Personnel: JDL / RE **Sample Matrix:** GW

SAMPLING INFORMATION:

Date/Time 6/17/19 / 1100

Method of Sampling: (Bailer) **Dedicated:** (YES)

Diameter of Well 2"
Well Depth (from top of PVC) 38.03
Water Depth (from top of PVC) 1.49
Length of water Column 36.54
Purge Volume: LWC x 0.17 x 3= 18.6354 **Volume Purged** 19 gallons.

Methane Reading NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1100	4.20	7.16	1163	2.74	-65.9	4.11

INSTRUMENT CHECK DATA:

See page 11

Turbidity 0.0 Serial #: _____
Turbidity 1.0 Serial #: _____
Turbidity 10.0 Serial #: _____

pH 4.0 Serial #: _____
pH 7.0 Serial #: _____
pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ **Mv**

DO Calibrated to _____ **@** _____

Weather conditions @ time of sampling: Sunny 70's

COMMENTS AND OBSERVATIONS:

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 6/17/19 **By:** JDL / RE **Company:** Eurofins TM

(19)

FIELD OBSERVATIONS

Facility: Dewitt LF **Sample Point ID:** MW-9S

Field Personnel: TDC / RE **Sample Matrix:** GW

SAMPLING INFORMATION:

Date/Time 6-17-19 / 1115

Method of Sampling: Bailer **Dedicated:** YES

Diameter of Well 2"
Well Depth (from top of PVC) 12.39
Water Depth (from top of PVC) 1.64
Length of water Column 10.75
Purge Volume: LWC x 0.17 x 3= 5.4825 **Volume Purged** 5.5

Methane Reading NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1115	4.87	7.21	1104	6.13	-79.6	5.22

INSTRUMENT CHECK DATA:

See page 11

Turbidity 0.0 Serial #: _____
Turbidity 1.0 Serial #: _____
Turbidity 10.0 Serial #: _____

pH 4.0 Serial #: _____
pH 7.0 Serial #: _____
pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ **Mv**

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Sunny 70's

COMMENTS AND OBSERVATIONS:

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 6/17/19 **By:** TDC / RE **Company:** Evirosys NA

FIELD OBSERVATIONS

Facility: Dewitt LF **Sample Point ID:** MW-35

Field Personnel: TDL / RE **Sample Matrix:** GW

SAMPLING INFORMATION:

Date/Time 6-17-19 1025

Method of Sampling: Bailer **Dedicated:** YES

Diameter of Well 2"
Well Depth (from top of PVC) 35.59
Water Depth (from top of PVC) 1.84
Length of water Column 33.75
Purge Volume: LWC x 0.17 x 3= 17.2125 **Volume Purged** 17 gallons

Methane Reading NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1025	4.12	7.23	1408	6.87	-81.3	4.54

INSTRUMENT CHECK DATA:

See page 11

Turbidity 0.0 Serial #: _____
Turbidity 1.0 Serial #: _____
Turbidity 10.0 Serial #: _____

pH 4.0 Serial #: _____
pH 7.0 Serial #: _____
pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ **Mv**

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: SUNNY 70'S

COMMENTS AND OBSERVATIONS:

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 6/17/19 **By:** TDL / RE **Company:** EUROFINS TA

17

FIELD OBSERVATIONS

Facility: Dewitt LF Sample Point ID: MW-21

Field Personnel: JDC / RE Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time: 6-17-19 / 0740

Method of Sampling: Bailer Dedicated: YES

Diameter of Well: 2"
Well Depth (from top of PVC): 51.98
Water Depth (from top of PVC): 11.96
Length of water Column: 40.02
Purge Volume: LWC x 0.17 x 3= 20.4102 Volume Purged ~20 21 Gallons

Methane Reading: NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
0740	4.65	7.05	1649	4.82	-117.4	2.63

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: _____
Turbidity 1.0 Serial #: _____
Turbidity 10.0 Serial #: _____

See page 11

pH 4.0 Serial #: _____
pH 7.0 Serial #: _____
pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Clear 60's

COMMENTS AND OBSERVATIONS:

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 6/17/19 By: JDC / RE Company: Eurofins TA

FIELD OBSERVATIONS

Facility: Dewitt LF Sample Point ID: MW-25

Field Personnel: TDC / RE Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time: 6-17-19 / 0800

Method of Sampling: Bailer Dedicated: YES

Diameter of Well: 2"

Well Depth (from top of PVC): 35.59

Water Depth (from top of PVC): 10.56

Length of water Column: 25.03

Purge Volume: LWC x 0.17 x 3= 12.7653 Volume Purged: 13 gallons

Methane Reading: NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
0800	4.68	7.13	1333	6.72	-51.0	2.85

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: _____

Turbidity 1.0 Serial #: _____

Turbidity 10.0 Serial #: _____

See page 11

pH 4.0 Serial #: _____

pH 7.0 Serial #: _____

pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Clear 60's

COMMENTS AND OBSERVATIONS:

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 6/17/19 By: TDC / RE Company: EUROFINS TA

FIELD OBSERVATIONS

Facility: Dewitt LF Sample Point ID: MW-125

Field Personnel: TDL / RE Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time 6-17-19 / 0925

Method of Sampling: Bailer Dedicated: YES

Diameter of Well 2"
Well Depth (from top of PVC) 23.01
Water Depth (from top of PVC) 9.41
Length of water Column 13.60
Purge Volume: LWC x 0.17 x 3= 6.9630 Volume Purged ~7 7 gallons

Methane Reading NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
0925	6.29	7.57	1381	6.44	-128.3	3.41

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: _____
Turbidity 1.0 Serial #: _____
Turbidity 10.0 Serial #: _____

See page 11

pH 4.0 Serial #: _____
pH 7.0 Serial #: _____
pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Sunny 70s

COMMENTS AND OBSERVATIONS:

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 6/17/19 By: TDL / RE Company: Eurofins TA

FIELD OBSERVATIONS

Facility: DeWitt LF **Sample Point ID:** MW-105

Field Personnel: TDK / RF **Sample Matrix:** GW

SAMPLING INFORMATION:

Date/Time 6-17-19 0900

Method of Sampling: Bailer **Dedicated:** YES

Diameter of Well 2"
Well Depth (from top of PVC) 20.62
Water Depth (from top of PVC) 9.89
Length of water Column 10.73 ~5
Purge Volume: LWC x 0.17 x 3= 5.4723 **Volume Purged** 5.5

Methane Reading NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
0900	6.75	7.09	1516	11.34	-119.0	2.85

INSTRUMENT CHECK DATA:

See page 11

Turbidity 0.0 Serial #: _____
Turbidity 1.0 Serial #: _____
Turbidity 10.0 Serial #: _____

pH 4.0 Serial #: _____
pH 7.0 Serial #: _____
pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Sunny 70's

COMMENTS AND OBSERVATIONS:

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 6/17/19 **By:** TDK / RF **Company:** Eurofins TA

FIELD OBSERVATIONS

Facility: Dewitt LF **Sample Point ID:** MW-5D

Field Personnel: TDC / RF **Sample Matrix:** GW

SAMPLING INFORMATION:

Date/Time 6-17-19 / 0610

Method of Sampling: (Bailer) **Dedicated:** (YES)

Diameter of Well 2"
Well Depth (from top of PVC) 45.19
Water Depth (from top of PVC) 1.62
Length of water Column 43.57
Purge Volume: LWC x 0.17 x 3= 22.2207 **Volume Purged** 22 Gallons.

Methane Reading NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
0610	3.41	7.00	1678	12.4	-12.0	1.96

Lamotte 2020 Turbidity meter

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: 18262551 Exp 2/20
Turbidity 1.0 Serial #: C801306B Exp 11/19
Turbidity 10.0 Serial #: 18064981 Exp 10/19

YSI 55C MPS

pH 4.0 Serial #: 8GF305 Exp 5/20
pH 7.0 Serial #: 8GE 54 Exp 5/20
pH 10.0 Serial #: 8GB 50C Exp 2/20

Cond Serial #: 18397435 4.49 umhos/cm@25 C Exp 11/19

ORP Serial # 2446 240 Mv Exp 1-23

DO Calibrated to 99.1 % @ 417' BP 29.53"

Weather conditions @ time of sampling: Clear 60's

COMMENTS AND OBSERVATIONS:

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 6/17/19 **By:** TDC / RF **Company:** Eurofins TA

11

FIELD OBSERVATIONS

Facility: Dewitt LF

Sample Point ID: MW-55

Field Personnel: TDK / RF

Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time: 6-17-19 0635

Method of Sampling: (Bailer)

Dedicated: (YES)

Diameter of Well: 2"

Well Depth (from top of PVC): 26.59

Water Depth (from top of PVC): 1.84

Length of water Column: 24.75

Purge Volume: LWC x 0.17 x 3= 12.6225

Volume Purged: 13 gallons

Methane Reading: NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
0635	4.48	7.11	2167	66.6	-41.7	3.14

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: _____

Turbidity 1.0 Serial #: _____

Turbidity 10.0 Serial #: _____

See page 11

pH 4.0 Serial #: _____

pH 7.0 Serial #: _____

pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Clear 60's

COMMENTS AND OBSERVATIONS: well in standing water

Collect Diss. metals

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 6/17/19 By: TDK / RF Company: Eurofins TA

FIELD OBSERVATIONS

Facility: Dewitt LF **Sample Point ID:** MW-11D

Field Personnel: TDK/RE **Sample Matrix:** GW

SAMPLING INFORMATION:

Date/Time 6-17-19 0700

Method of Sampling: (Bailer) **Dedicated:** (YES)

Diameter of Well 2"
Well Depth (from top of PVC) 39.45'
Water Depth (from top of PVC) 30.24
Length of water Column 9.21
Purge Volume: LWC x 0.17 x 3= 4.697 **Volume Purged** 5 gallons

Methane Reading NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
0700	2.87	7.57	858	49.2	101.4	9.41

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: _____
Turbidity 1.0 Serial #: _____
Turbidity 10.0 Serial #: _____

See page 11

pH 4.0 Serial #: _____
pH 7.0 Serial #: _____
pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Clear 60's

COMMENTS AND OBSERVATIONS: Collect Diss metals sample.

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 6/17/19 **By:** TDK/RE **Company:** Eurofins TH

13

FIELD OBSERVATIONS

Facility: Dewitt LF Sample Point ID: MW-9D

Field Personnel: TDC / RE Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time 6-17-19 1

Method of Sampling: Bailer Dedicated: YES

Diameter of Well 2"

Well Depth (from top of PVC) 55.10

Water Depth (from top of PVC) 52.34

Length of water Column 2.76

Purge Volume: LWC x 0.17 x 3= _____ Volume Purged 0

Methane Reading NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: _____

Turbidity 1.0 Serial #: _____

Turbidity 10.0 Serial #: _____

well dry
NO Samples

pH 4.0 Serial #: _____

pH 7.0 Serial #: _____

pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: _____

COMMENTS AND OBSERVATIONS: _____

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 6/17/19 By: TDC / RE Company: EnviroSTd

21

Landfill___ Dewitt LF

6-17-19 TDK 66

~~Date 5/25/18~~
Initials TDK /66

Time	ID	%CH4	%CG(LEL)	%CO2	%O2	H2S (ppm)	CO(ppm)	Pressure	VEL ft/min	
1205	V-10	13.1	>LEL	18.2	0.1	0000	0001	29.53	4.80	
12:19	V-9	31.5	>	22.5	0.15	0	0	29.53	4.61	*
12:23	V-11	32.8	>	22.7	0.19	0	0	29.53	4.65	*
12:26	V-12	19.9	>	14.5	0.65	0	0	29.53	3.55	
12:28	V-18	28.6	>	24.2	0.13	0	0	29.50	4.19	
12:38	V-3	47.8	>	26.4	0.4	0	0	29.50	~~4.87~~ 4.20	*
12:40	Background upwind	0	~~0~~ 070	0	20.9	0	0	29.50	62.1	
	Weather									
	Equipment	GEM 2000	LF meter		TSI 9565 Velocity meter					

sample Tap 3 methane concentrations

Login Sample Receipt Checklist

Client: Town of Dewitt

Job Number: 460-184615-1

Login Number: 184615
List Number: 1
Creator: Meyers, Gary

List Source: Eurofins TestAmerica, Edison

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	Custody Seal received
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	NA: No analysis requiring residual chlorine check assigned

eurofins | Environment Testing TestAmerica

ANALYTICAL REPORT

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Tel: (732)549-3900

Laboratory Job ID: 460-184553-1
Client Project/Site: Town of Dewitt

For:
Town of Dewitt
5400 Butternut Drive
East Syracuse, New York 13057

Attn: C. Manchester

Joseph V. Giacomazza

Authorized for release by:
6/26/2019 10:37:17 AM
Joe Giacomazza, Project Management Assistant II
joe.giacomazza@testamericainc.com

Designee for

Orlette Johnson, Senior Project Manager
(484)685-0864
orlette.johnson@testamericainc.com

Table of Contents

Definitions/Glossary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184553-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 460-184553-1

Laboratory: Eurofins TestAmerica, Edison

Narrative

Job Narrative
460-184553-1

Comments
No additional comments.

Receipt
The samples were received on 6/15/2019 12:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.1° C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184553-1

Client Sample ID: SW-1 — Lab Sample ID: 460-184553-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.43	J	1.0	0.26	ug/L	1		624.1	Total/NA
Chlorobenzene	2.7		1.0	0.38	ug/L	1		624.1	Total/NA
Chloroethane	5.9		1.0	0.32	ug/L	1		624.1	Total/NA
Arsenic	4.4	J	15.0	2.7	ug/L	1		6010D	Total/NA
Chromium	2.6	J	10.0	1.3	ug/L	1		6010D	Total/NA
Total Dissolved Solids	1510		40.0	40.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: SW-2 — Lab Sample ID: 460-184553-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.62	J	1.0	0.34	ug/L	1		624.1	Total/NA
Arsenic	3.2	J	15.0	2.7	ug/L	1		6010D	Total/NA
Total Dissolved Solids	431		10.0	10.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: SW-3 — Lab Sample ID: 460-184553-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.7	J	15.0	2.7	ug/L	1		6010D	Total/NA
Total Dissolved Solids	854		20.0	20.0	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SW-1

Date Collected: 06/14/19 10:15
Date Received: 06/15/19 12:00

Lab Sample ID: 460-184553-1

Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			06/21/19 03:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			06/21/19 03:23	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			06/21/19 03:23	1
1,1-Dichloroethane	**0.43**	**J**	1.0	0.26	ug/L			06/21/19 03:23	1
1,1-Dichloroethene	ND		1.0	0.12	ug/L			06/21/19 03:23	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			06/21/19 03:23	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			06/21/19 03:23	1
1,2-Dichloroethene, Total	ND		2.0	0.44	ug/L			06/21/19 03:23	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			06/21/19 03:23	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			06/21/19 03:23	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			06/21/19 03:23	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			06/21/19 03:23	1
Acrolein	ND		4.0	1.1	ug/L			06/21/19 03:23	1
Acrylonitrile	ND		2.0	0.77	ug/L			06/21/19 03:23	1
Benzene	ND		1.0	0.43	ug/L			06/21/19 03:23	1
Bromoform	ND		1.0	0.54	ug/L			06/21/19 03:23	1
Bromomethane	ND		1.0	0.45	ug/L			06/21/19 03:23	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			06/21/19 03:23	1
Chlorobenzene	**2.7**		1.0	0.38	ug/L			06/21/19 03:23	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			06/21/19 03:23	1
Chloroethane	**5.9**		1.0	0.32	ug/L			06/21/19 03:23	1
Chloroform	ND		1.0	0.33	ug/L			06/21/19 03:23	1
Chloromethane	ND		1.0	0.43	ug/L			06/21/19 03:23	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			06/21/19 03:23	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			06/21/19 03:23	1
Ethylbenzene	ND		1.0	0.30	ug/L			06/21/19 03:23	1
Methylene Chloride	ND		1.0	0.32	ug/L			06/21/19 03:23	1
Tetrachloroethene	ND		1.0	0.25	ug/L			06/21/19 03:23	1
Toluene	ND		1.0	0.38	ug/L			06/21/19 03:23	1
trans-1,2-Dichloroethene	ND		1.0	0.24	ug/L			06/21/19 03:23	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			06/21/19 03:23	1
Trichloroethene	ND		1.0	0.31	ug/L			06/21/19 03:23	1
Vinyl chloride	ND		1.0	0.34	ug/L			06/21/19 03:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*60 - 140*		*06/21/19 03:23*	*1*
4-Bromofluorobenzene	*115*		*60 - 140*		*06/21/19 03:23*	*1*
Toluene-d8 (Surr)	*98*		*60 - 140*		*06/21/19 03:23*	*1*
Dibromofluoromethane (Surr)	*104*		*60 - 140*		*06/21/19 03:23*	*1*

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	1.1	ug/L		06/21/19 21:15	06/22/19 14:47	1
Arsenic	**4.4**	**J**	15.0	2.7	ug/L		06/21/19 21:15	06/22/19 14:47	1
Beryllium	ND		2.0	0.23	ug/L		06/21/19 21:15	06/22/19 14:47	1
Cadmium	ND		4.0	0.22	ug/L		06/21/19 21:15	06/22/19 14:47	1
Chromium	**2.6**	**J**	10.0	1.3	ug/L		06/21/19 21:15	06/22/19 14:47	1
Copper	ND		25.0	5.1	ug/L		06/21/19 21:15	06/22/19 14:47	1
Nickel	ND		40.0	1.7	ug/L		06/21/19 21:15	06/22/19 14:47	1
Lead	ND		10.0	2.5	ug/L		06/21/19 21:15	06/22/19 14:47	1

Client Sample ID: SW-1

Date Collected: 06/14/19 10:15
Date Received: 06/15/19 12:00

Lab Sample ID: 460-184553-1
Matrix: Water

Method: 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		20.0	2.9	ug/L		06/21/19 21:15	06/22/19 14:47	1
Selenium	ND		20.0	6.6	ug/L		06/21/19 21:15	06/22/19 14:47	1
Thallium	ND		20.0	5.4	ug/L		06/21/19 21:15	06/22/19 14:47	1
Zinc	ND		30.0	3.6	ug/L		06/21/19 21:15	06/22/19 14:47	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		06/25/19 12:03	06/25/19 14:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1510		40.0	40.0	mg/L			06/18/19 13:31	1

Client Sample ID: SW-2

Date Collected: 06/14/19 11:15
Date Received: 06/15/19 12:00

Lab Sample ID: 460-184553-2
Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			06/21/19 03:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			06/21/19 03:46	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			06/21/19 03:46	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			06/21/19 03:46	1
1,1-Dichloroethene	ND		1.0	0.12	ug/L			06/21/19 03:46	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			06/21/19 03:46	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			06/21/19 03:46	1
1,2-Dichloroethene, Total	ND		2.0	0.44	ug/L			06/21/19 03:46	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			06/21/19 03:46	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			06/21/19 03:46	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			06/21/19 03:46	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			06/21/19 03:46	1
Acrolein	ND		4.0	1.1	ug/L			06/21/19 03:46	1
Acrylonitrile	ND		2.0	0.77	ug/L			06/21/19 03:46	1
Benzene	ND		1.0	0.43	ug/L			06/21/19 03:46	1
Bromoform	ND		1.0	0.54	ug/L			06/21/19 03:46	1
Bromomethane	ND		1.0	0.45	ug/L			06/21/19 03:46	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			06/21/19 03:46	1
Chlorobenzene	ND		1.0	0.38	ug/L			06/21/19 03:46	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			06/21/19 03:46	1
Chloroethane	ND		1.0	0.32	ug/L			06/21/19 03:46	1
Chloroform	ND		1.0	0.33	ug/L			06/21/19 03:46	1
Chloromethane	ND		1.0	0.43	ug/L			06/21/19 03:46	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			06/21/19 03:46	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			06/21/19 03:46	1
Ethylbenzene	ND		1.0	0.30	ug/L			06/21/19 03:46	1
Methylene Chloride	ND		1.0	0.32	ug/L			06/21/19 03:46	1
Tetrachloroethene	ND		1.0	0.25	ug/L			06/21/19 03:46	1
Toluene	ND		1.0	0.38	ug/L			06/21/19 03:46	1
trans-1,2-Dichloroethene	ND		1.0	0.24	ug/L			06/21/19 03:46	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			06/21/19 03:46	1

Client Sample ID: SW-2

Lab Sample ID: 460-184553-2

Date Collected: 06/14/19 11:15

Matrix: Water

Date Received: 06/15/19 12:00

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		1.0	0.31	ug/L			06/21/19 03:46	1
Vinyl chloride	**0.62**	**J**	1.0	0.34	ug/L			06/21/19 03:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*60 - 140*		*06/21/19 03:46*	*1*
4-Bromofluorobenzene	*115*		*60 - 140*		*06/21/19 03:46*	*1*
Toluene-d8 (Surr)	*95*		*60 - 140*		*06/21/19 03:46*	*1*
Dibromofluoromethane (Surr)	*104*		*60 - 140*		*06/21/19 03:46*	*1*

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	1.1	ug/L		06/21/19 21:15	06/22/19 14:51	1
Arsenic	**3.2**	**J**	15.0	2.7	ug/L		06/21/19 21:15	06/22/19 14:51	1
Beryllium	ND		2.0	0.23	ug/L		06/21/19 21:15	06/22/19 14:51	1
Cadmium	ND		4.0	0.22	ug/L		06/21/19 21:15	06/22/19 14:51	1
Chromium	ND		10.0	1.3	ug/L		06/21/19 21:15	06/22/19 14:51	1
Copper	ND		25.0	5.1	ug/L		06/21/19 21:15	06/22/19 14:51	1
Nickel	ND		40.0	1.7	ug/L		06/21/19 21:15	06/22/19 14:51	1
Lead	ND		10.0	2.5	ug/L		06/21/19 21:15	06/22/19 14:51	1
Antimony	ND		20.0	2.9	ug/L		06/21/19 21:15	06/22/19 14:51	1
Selenium	ND		20.0	6.6	ug/L		06/21/19 21:15	06/22/19 14:51	1
Thallium	ND		20.0	5.4	ug/L		06/21/19 21:15	06/22/19 14:51	1
Zinc	ND		30.0	3.6	ug/L		06/21/19 21:15	06/22/19 14:51	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		06/25/19 12:03	06/25/19 14:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**431**		10.0	10.0	mg/L			06/18/19 13:31	1

Client Sample ID: SW-3

Lab Sample ID: 460-184553-3

Date Collected: 06/14/19 12:25

Matrix: Water

Date Received: 06/15/19 12:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			06/21/19 04:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			06/21/19 04:10	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			06/21/19 04:10	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			06/21/19 04:10	1
1,1-Dichloroethene	ND		1.0	0.12	ug/L			06/21/19 04:10	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			06/21/19 04:10	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			06/21/19 04:10	1
1,2-Dichloroethene, Total	ND		2.0	0.44	ug/L			06/21/19 04:10	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			06/21/19 04:10	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			06/21/19 04:10	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			06/21/19 04:10	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			06/21/19 04:10	1
Acrolein	ND		4.0	1.1	ug/L			06/21/19 04:10	1

Client Sample ID: SW-3

Date Collected: 06/14/19 12:25
Date Received: 06/15/19 12:00

Lab Sample ID: 460-184553-3

Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrylonitrile	ND		2.0	0.77	ug/L			06/21/19 04:10	1
Benzene	ND		1.0	0.43	ug/L			06/21/19 04:10	1
Bromoform	ND		1.0	0.54	ug/L			06/21/19 04:10	1
Bromomethane	ND		1.0	0.45	ug/L			06/21/19 04:10	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			06/21/19 04:10	1
Chlorobenzene	ND		1.0	0.38	ug/L			06/21/19 04:10	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			06/21/19 04:10	1
Chloroethane	ND		1.0	0.32	ug/L			06/21/19 04:10	1
Chloroform	ND		1.0	0.33	ug/L			06/21/19 04:10	1
Chloromethane	ND		1.0	0.43	ug/L			06/21/19 04:10	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			06/21/19 04:10	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			06/21/19 04:10	1
Ethylbenzene	ND		1.0	0.30	ug/L			06/21/19 04:10	1
Methylene Chloride	ND		1.0	0.32	ug/L			06/21/19 04:10	1
Tetrachloroethene	ND		1.0	0.25	ug/L			06/21/19 04:10	1
Toluene	ND		1.0	0.38	ug/L			06/21/19 04:10	1
trans-1,2-Dichloroethene	ND		1.0	0.24	ug/L			06/21/19 04:10	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			06/21/19 04:10	1
Trichloroethene	ND		1.0	0.31	ug/L			06/21/19 04:10	1
Vinyl chloride	ND		1.0	0.34	ug/L			06/21/19 04:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*60 - 140*		*06/21/19 04:10*	*1*
4-Bromofluorobenzene	*117*		*60 - 140*		*06/21/19 04:10*	*1*
Toluene-d8 (Surr)	*97*		*60 - 140*		*06/21/19 04:10*	*1*
Dibromofluoromethane (Surr)	*105*		*60 - 140*		*06/21/19 04:10*	*1*

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	1.1	ug/L		06/21/19 21:15	06/22/19 14:55	1
Arsenic	**2.7**	**J**	15.0	2.7	ug/L		06/21/19 21:15	06/22/19 14:55	1
Beryllium	ND		2.0	0.23	ug/L		06/21/19 21:15	06/22/19 14:55	1
Cadmium	ND		4.0	0.22	ug/L		06/21/19 21:15	06/22/19 14:55	1
Chromium	ND		10.0	1.3	ug/L		06/21/19 21:15	06/22/19 14:55	1
Copper	ND		25.0	5.1	ug/L		06/21/19 21:15	06/22/19 14:55	1
Nickel	ND		40.0	1.7	ug/L		06/21/19 21:15	06/22/19 14:55	1
Lead	ND		10.0	2.5	ug/L		06/21/19 21:15	06/22/19 14:55	1
Antimony	ND		20.0	2.9	ug/L		06/21/19 21:15	06/22/19 14:55	1
Selenium	ND		20.0	6.6	ug/L		06/21/19 21:15	06/22/19 14:55	1
Thallium	ND		20.0	5.4	ug/L		06/21/19 21:15	06/22/19 14:55	1
Zinc	ND		30.0	3.6	ug/L		06/21/19 21:15	06/22/19 14:55	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		06/25/19 12:03	06/25/19 14:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**854**		20.0	20.0	mg/L			06/18/19 13:31	1

Surrogate Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184553-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(60-140)	(60-140)	(60-140)	(60-140)
460-184553-1	SW-1	106	115	98	104
460-184553-2	SW-2	103	115	95	104
460-184553-3	SW-3	102	117	97	105
LCS 460-619152/4	Lab Control Sample	100	106	94	96
LCSD 460-619152/5	Lab Control Sample Dup	99	109	95	94
MB 460-619152/8	Method Blank	99	110	93	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-619152/8
Matrix: Water
Analysis Batch: 619152

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			06/21/19 01:02	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			06/21/19 01:02	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			06/21/19 01:02	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			06/21/19 01:02	1
1,1-Dichloroethene	ND		1.0	0.12	ug/L			06/21/19 01:02	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			06/21/19 01:02	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			06/21/19 01:02	1
1,2-Dichloroethene, Total	ND		2.0	0.44	ug/L			06/21/19 01:02	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			06/21/19 01:02	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			06/21/19 01:02	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			06/21/19 01:02	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			06/21/19 01:02	1
Acrolein	ND		4.0	1.1	ug/L			06/21/19 01:02	1
Acrylonitrile	ND		2.0	0.77	ug/L			06/21/19 01:02	1
Benzene	ND		1.0	0.43	ug/L			06/21/19 01:02	1
Bromoform	ND		1.0	0.54	ug/L			06/21/19 01:02	1
Bromomethane	ND		1.0	0.45	ug/L			06/21/19 01:02	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			06/21/19 01:02	1
Chlorobenzene	ND		1.0	0.38	ug/L			06/21/19 01:02	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			06/21/19 01:02	1
Chloroethane	ND		1.0	0.32	ug/L			06/21/19 01:02	1
Chloroform	ND		1.0	0.33	ug/L			06/21/19 01:02	1
Chloromethane	ND		1.0	0.43	ug/L			06/21/19 01:02	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			06/21/19 01:02	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			06/21/19 01:02	1
Ethylbenzene	ND		1.0	0.30	ug/L			06/21/19 01:02	1
Methylene Chloride	ND		1.0	0.32	ug/L			06/21/19 01:02	1
Tetrachloroethene	ND		1.0	0.25	ug/L			06/21/19 01:02	1
Toluene	ND		1.0	0.38	ug/L			06/21/19 01:02	1
trans-1,2-Dichloroethene	ND		1.0	0.24	ug/L			06/21/19 01:02	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			06/21/19 01:02	1
Trichloroethene	ND		1.0	0.31	ug/L			06/21/19 01:02	1
Vinyl chloride	ND		1.0	0.34	ug/L			06/21/19 01:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*60 - 140*		*06/21/19 01:02*	*1*
4-Bromofluorobenzene	*110*		*60 - 140*		*06/21/19 01:02*	*1*
Toluene-d8 (Surr)	*93*		*60 - 140*		*06/21/19 01:02*	*1*
Dibromofluoromethane (Surr)	*99*		*60 - 140*		*06/21/19 01:02*	*1*

Lab Sample ID: LCS 460-619152/4
Matrix: Water
Analysis Batch: 619152

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	21.8		ug/L		109	70 - 130
1,1,2,2-Tetrachloroethane	20.0	18.9		ug/L		94	60 - 140
1,1,2-Trichloroethane	20.0	21.8		ug/L		109	70 - 130

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-619152/4
Matrix: Water
Analysis Batch: 619152

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	20.0	22.9		ug/L		114	70 - 130
1,1-Dichloroethene	20.0	22.1		ug/L		110	50 - 150
1,2-Dichlorobenzene	20.0	20.5		ug/L		102	65 - 135
1,2-Dichloroethane	20.0	21.4		ug/L		107	70 - 130
1,2-Dichloropropane	20.0	22.1		ug/L		110	35 - 165
1,3-Dichlorobenzene	20.0	21.1		ug/L		106	70 - 130
1,4-Dichlorobenzene	20.0	20.8		ug/L		104	65 - 135
2-Chloroethyl vinyl ether	20.0	20.7		ug/L		103	0.1 - 225
Benzene	20.0	22.3		ug/L		111	65 - 135
Bromoform	20.0	25.7		ug/L		128	70 - 130
Bromomethane	20.0	25.3		ug/L		126	15 - 185
Carbon tetrachloride	20.0	22.6		ug/L		113	70 - 130
Chlorobenzene	20.0	21.8		ug/L		109	65 - 135
Chlorodibromomethane	20.0	21.2		ug/L		106	70 - 135
Chloroethane	20.0	25.2		ug/L		126	40 - 160
Chloroform	20.0	21.4		ug/L		107	70 - 135
Chloromethane	20.0	28.7		ug/L		144	0.1 - 205
cis-1,3-Dichloropropene	20.0	21.0		ug/L		105	25 - 175
Dichlorobromomethane	20.0	21.7		ug/L		108	65 - 135
Ethylbenzene	20.0	21.3		ug/L		107	60 - 140
Methylene Chloride	20.0	21.8		ug/L		109	60 - 140
Tetrachloroethene	20.0	22.5		ug/L		113	70 - 130
Toluene	20.0	21.7		ug/L		109	70 - 130
trans-1,2-Dichloroethene	20.0	21.2		ug/L		106	70 - 130
trans-1,3-Dichloropropene	20.0	21.3		ug/L		107	50 - 150
Trichloroethene	20.0	21.0		ug/L		105	65 - 135
Vinyl chloride	20.0	28.0		ug/L		140	5 - 195

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*60 - 140*
4-Bromofluorobenzene	*106*		*60 - 140*
Toluene-d8 (Surr)	*94*		*60 - 140*
Dibromofluoromethane (Surr)	*96*		*60 - 140*

Lab Sample ID: LCSD 460-619152/5
Matrix: Water
Analysis Batch: 619152

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	21.2		ug/L		106	70 - 130	3	36
1,1,2,2-Tetrachloroethane	20.0	18.6		ug/L		93	60 - 140	1	61
1,1,2-Trichloroethane	20.0	21.2		ug/L		106	70 - 130	3	45
1,1-Dichloroethane	20.0	23.3		ug/L		117	70 - 130	2	40
1,1-Dichloroethene	20.0	23.4		ug/L		117	50 - 150	6	32
1,2-Dichlorobenzene	20.0	20.1		ug/L		101	65 - 135	2	57
1,2-Dichloroethane	20.0	21.9		ug/L		109	70 - 130	2	49
1,2-Dichloropropane	20.0	21.6		ug/L		108	35 - 165	2	55
1,3-Dichlorobenzene	20.0	21.0		ug/L		105	70 - 130	1	43

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-619152/5
Matrix: Water
Analysis Batch: 619152

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene	20.0	20.8		ug/L		104	65 - 135	0	57
2-Chloroethyl vinyl ether	20.0	20.3		ug/L		102	0.1 - 225	2	71
Benzene	20.0	22.6		ug/L		113	65 - 135	1	61
Bromoform	20.0	26.0		ug/L		130	70 - 130	1	42
Bromomethane	20.0	26.6		ug/L		133	15 - 185	5	61
Carbon tetrachloride	20.0	22.6		ug/L		113	70 - 130	0	41
Chlorobenzene	20.0	22.1		ug/L		111	65 - 135	1	53
Chlorodibromomethane	20.0	21.5		ug/L		108	70 - 135	2	50
Chloroethane	20.0	25.5		ug/L		127	40 - 160	1	78
Chloroform	20.0	21.4		ug/L		107	70 - 135	0	54
Chloromethane	20.0	30.0		ug/L		150	0.1 - 205	4	60
cis-1,3-Dichloropropene	20.0	20.4		ug/L		102	25 - 175	3	58
Dichlorobromomethane	20.0	20.8		ug/L		104	65 - 135	4	56
Ethylbenzene	20.0	21.1		ug/L		106	60 - 140	1	63
Methylene Chloride	20.0	22.0		ug/L		110	60 - 140	1	28
Tetrachloroethene	20.0	22.3		ug/L		111	70 - 130	1	39
Toluene	20.0	21.8		ug/L		109	70 - 130	0	41
trans-1,2-Dichloroethene	20.0	20.2		ug/L		101	70 - 130	5	45
trans-1,3-Dichloropropene	20.0	22.0		ug/L		110	50 - 150	3	86
Trichloroethene	20.0	20.8		ug/L		104	65 - 135	1	48
Vinyl chloride	20.0	28.2		ug/L		141	5 - 195	1	66

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*60 - 140*
4-Bromofluorobenzene	*109*		*60 - 140*
Toluene-d8 (Surr)	*95*		*60 - 140*
Dibromofluoromethane (Surr)	*94*		*60 - 140*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 460-619447/1-A
Matrix: Water
Analysis Batch: 619862

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 619447

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	1.1	ug/L		06/21/19 21:15	06/22/19 14:01	1
Arsenic	ND		15.0	2.7	ug/L		06/21/19 21:15	06/22/19 14:01	1
Beryllium	ND		2.0	0.23	ug/L		06/21/19 21:15	06/22/19 14:01	1
Cadmium	ND		4.0	0.22	ug/L		06/21/19 21:15	06/22/19 14:01	1
Chromium	ND		10.0	1.3	ug/L		06/21/19 21:15	06/22/19 14:01	1
Copper	ND		25.0	5.1	ug/L		06/21/19 21:15	06/22/19 14:01	1
Nickel	ND		40.0	1.7	ug/L		06/21/19 21:15	06/22/19 14:01	1
Lead	ND		10.0	2.5	ug/L		06/21/19 21:15	06/22/19 14:01	1
Antimony	ND		20.0	2.9	ug/L		06/21/19 21:15	06/22/19 14:01	1
Selenium	ND		20.0	6.6	ug/L		06/21/19 21:15	06/22/19 14:01	1
Thallium	ND		20.0	5.4	ug/L		06/21/19 21:15	06/22/19 14:01	1
Zinc	ND		30.0	3.6	ug/L		06/21/19 21:15	06/22/19 14:01	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 460-619447/2-A
Matrix: Water
Analysis Batch: 619862

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 619447

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	50.0	43.01		ug/L		86	80 - 120
Arsenic	2000	1925		ug/L		96	80 - 120
Beryllium	50.0	45.88		ug/L		92	80 - 120
Cadmium	50.0	47.09		ug/L		94	80 - 120
Chromium	200	190.7		ug/L		95	80 - 120
Copper	250	222.7		ug/L		89	80 - 120
Nickel	500	474.4		ug/L		95	80 - 120
Lead	500	483.3		ug/L		97	80 - 120
Antimony	500	483.8		ug/L		97	80 - 120
Selenium	2000	1765		ug/L		88	80 - 120
Thallium	2000	1999		ug/L		100	80 - 120
Zinc	500	471.5		ug/L		94	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 460-620159/1-A
Matrix: Water
Analysis Batch: 620188

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 620159

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		06/25/19 12:03	06/25/19 13:38	1

Lab Sample ID: LCS 460-620159/2-A
Matrix: Water
Analysis Batch: 620188

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 620159

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	1.00	0.973		ug/L		97	80 - 120

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 460-618412/1
Matrix: Water
Analysis Batch: 618412

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	10.0	mg/L			06/18/19 13:31	1

Lab Sample ID: LCSSRM 460-618412/2
Matrix: Water
Analysis Batch: 618412

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	585	612.0		mg/L		104.6	89.9 - 109.9

QC Association Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184553-1

GC/MS VOA

Analysis Batch: 619152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-184553-1	SW-1	Total/NA	Water	624.1	
460-184553-2	SW-2	Total/NA	Water	624.1	
460-184553-3	SW-3	Total/NA	Water	624.1	
MB 460-619152/8	Method Blank	Total/NA	Water	624.1	
LCS 460-619152/4	Lab Control Sample	Total/NA	Water	624.1	
LCSD 460-619152/5	Lab Control Sample Dup	Total/NA	Water	624.1	

Metals

Prep Batch: 619447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-184553-1	SW-1	Total/NA	Water	3010A	
460-184553-2	SW-2	Total/NA	Water	3010A	
460-184553-3	SW-3	Total/NA	Water	3010A	
MB 460-619447/1-A	Method Blank	Total/NA	Water	3010A	
LCS 460-619447/2-A	Lab Control Sample	Total/NA	Water	3010A	

Analysis Batch: 619862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-184553-1	SW-1	Total/NA	Water	6010D	619447
460-184553-2	SW-2	Total/NA	Water	6010D	619447
460-184553-3	SW-3	Total/NA	Water	6010D	619447
MB 460-619447/1-A	Method Blank	Total/NA	Water	6010D	619447
LCS 460-619447/2-A	Lab Control Sample	Total/NA	Water	6010D	619447

Prep Batch: 620159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-184553-1	SW-1	Total/NA	Water	7470A	
460-184553-2	SW-2	Total/NA	Water	7470A	
460-184553-3	SW-3	Total/NA	Water	7470A	
MB 460-620159/1-A	Method Blank	Total/NA	Water	7470A	
LCS 460-620159/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 620188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-184553-1	SW-1	Total/NA	Water	7470A	620159
460-184553-2	SW-2	Total/NA	Water	7470A	620159
460-184553-3	SW-3	Total/NA	Water	7470A	620159
MB 460-620159/1-A	Method Blank	Total/NA	Water	7470A	620159
LCS 460-620159/2-A	Lab Control Sample	Total/NA	Water	7470A	620159

General Chemistry

Analysis Batch: 618412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-184553-1	SW-1	Total/NA	Water	SM 2540C	
460-184553-2	SW-2	Total/NA	Water	SM 2540C	
460-184553-3	SW-3	Total/NA	Water	SM 2540C	
MB 460-618412/1	Method Blank	Total/NA	Water	SM 2540C	
LCSSRM 460-618412/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184553-1

Client Sample ID: SW-1

Lab Sample ID: 460-184553-1

Date Collected: 06/14/19 10:15

Matrix: Water

Date Received: 06/15/19 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	619152	06/21/19 03:23	KLB	TAL EDI
Total/NA	Prep	3010A			619447	06/21/19 21:15	GAE	TAL EDI
Total/NA	Analysis	6010D		1	619862	06/22/19 14:47	YZH	TAL EDI
Total/NA	Prep	7470A			620159	06/25/19 12:03	RBS	TAL EDI
Total/NA	Analysis	7470A		1	620188	06/25/19 14:07	RBS	TAL EDI
Total/NA	Analysis	SM 2540C		1	618412	06/18/19 13:31	PLS	TAL EDI

Client Sample ID: SW-2

Lab Sample ID: 460-184553-2

Date Collected: 06/14/19 11:15

Matrix: Water

Date Received: 06/15/19 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	619152	06/21/19 03:46	KLB	TAL EDI
Total/NA	Prep	3010A			619447	06/21/19 21:15	GAE	TAL EDI
Total/NA	Analysis	6010D		1	619862	06/22/19 14:51	YZH	TAL EDI
Total/NA	Prep	7470A			620159	06/25/19 12:03	RBS	TAL EDI
Total/NA	Analysis	7470A		1	620188	06/25/19 14:09	RBS	TAL EDI
Total/NA	Analysis	SM 2540C		1	618412	06/18/19 13:31	PLS	TAL EDI

Client Sample ID: SW-3

Lab Sample ID: 460-184553-3

Date Collected: 06/14/19 12:25

Matrix: Water

Date Received: 06/15/19 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	619152	06/21/19 04:10	KLB	TAL EDI
Total/NA	Prep	3010A			619447	06/21/19 21:15	GAE	TAL EDI
Total/NA	Analysis	6010D		1	619862	06/22/19 14:55	YZH	TAL EDI
Total/NA	Prep	7470A			620159	06/25/19 12:03	RBS	TAL EDI
Total/NA	Analysis	7470A		1	620188	06/25/19 14:10	RBS	TAL EDI
Total/NA	Analysis	SM 2540C		1	618412	06/18/19 13:31	PLS	TAL EDI

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184553-1

Laboratory: Eurofins TestAmerica, Edison

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Connecticut	State Program	1	PH-0200	09-30-20
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	N/A	12-31-19
New Jersey	NELAP	2	12028	06-30-19
New York	NELAP	2	11452	04-01-20
Pennsylvania	NELAP	3	68-00522	02-28-20
Pennsylvania	NELAP		68-00522	02-28-20
Rhode Island	State Program	1	LAO00132	12-30-19
USDA	Federal		NJCA-003-08	05-03-21

Laboratory: Eurofins TestAmerica, Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-20

Method Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184553-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL EDI
6010D	Metals (ICP)	SW846	TAL EDI
7470A	Mercury (CVAA)	SW846	TAL EDI
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL EDI
3010A	Preparation, Total Metals	SW846	TAL EDI
7470A	Preparation, Mercury	SW846	TAL EDI

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 460-184553-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-184553-1	SW-1	Water	06/14/19 10:15	06/15/19 12:00	
460-184553-2	SW-2	Water	06/14/19 11:15	06/15/19 12:00	
460-184553-3	SW-3	Water	06/14/19 12:25	06/15/19 12:00	

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Syracuse #225

6/26/2019

Client Information	Sampler: Tim Knollmeyer	Lab PM: Johnson, Orlette S	Carrier Tracking No(s):	COC No: 480-131330-14484.1
Client Contact: Michael Moracco	Phone: 413-230-8415	E-Mail: orlette.johnson@testamericainc.com		Page: Page 1 of 1
Company: Town of Dewitt				Job #: 184553
Address: 5400 Butternut Drive	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13057				
Phone: 315-446-3910(Tel)	PO #: Purchase Order not required			
Email: mmoracco@townofdewitt.com	WO #:			
Project Name: Town of Dewitt/ Event Desc: Surfacewater - Quarterly (3,6,9,12)	Project #: 48009871			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010C - Priority Pollutant Metals - Filtered	6010C, 7470A	624_6ml - Priority Pollutant List - VOA - 624	2540C_Calcd - Total Dissolved Solids	7470A - Mercury - Filtered	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	D	A	N	N	X	
SW-1	6-14-19	1015	G	Water				X	X	X		5	1
SW-2	6-14-19	1115	G	Water				X	X	X		5	2
SW-3	6-14-19	1225	G	Water				X	X	X		5	3

MJC

6-14-19

460-184553 Chain of Custody

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Tim Knollmeyer	Date/Time: 6-14-19 1900	Company: Eurofins TA	Received by: (FedEx)
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:

Custody Seals Intact: ▲ Yes ▲ No	Custody Seal No.: CS present	Cooler Temperature(s) °C and Other Remarks: 1&9 4.10C

Received by: Date/Time: 6/15/19 12:00 Company: TA 601

Ver: 01/16/2019

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 184553

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	4.1 °C	4 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other
1				<2											
2				<2											
3				<2											

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

* *Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: JD Date: 6/17/19

FIELD OBSERVATIONS

Facility: Dewitt LF Sample Point ID: SW-1

Field Personnel: TDK/RE Sample Matrix: SW

SAMPLING INFORMATION:

Date/Time: 6-14-19 / 1115

Method of Sampling: Bailer Grab Dedicated: YES

Diameter of Well
Well Depth (from top of PVC)
Water Depth (from top of PVC)
Length of water Column
Purge Volume: LWC x 0.17 x 3= Volume Purged

Methane Reading: NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1115	4.25	6.83	1311	7.40	-19.0	3.42

INSTRUMENT CHECK DATA:

See page 1

Turbidity 0.0 Serial #:
Turbidity 1.0 Serial #:
Turbidity 10.0 Serial #:

pH 4.0 Serial #:
pH 7.0 Serial #:
pH 10.0 Serial #:

Cond Serial #: umhos/cm@25 C

ORP Serial # Mv

DO Calibrated to @

Weather conditions @ time of sampling: Cloudy 60's

COMMENTS AND OBSERVATIONS:

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 6/14/19 By: TDK/RE Company: EUROFINS TA

FIELD OBSERVATIONS

Facility: Dewitt LF Sample Point ID: SW-2

Field Personnel: TDC/RE Sample Matrix: SW

SAMPLING INFORMATION:

Date/Time 6-14-19 1015

Method of Sampling: Bailer GRAB Dedicated: YES

Diameter of Well
Well Depth (from top of PVC)
Water Depth (from top of PVC)
Length of water Column
Purge Volume: LWC x 0.17 x 3= Volume Purged —

Methane Reading

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1015	7.45	7.59	465	26.1	-90.6	4.52

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: _____
Turbidity 1.0 Serial #: _____
Turbidity 10.0 Serial #: _____

See page 1

pH 4.0 Serial #: _____
pH 7.0 Serial #: _____
pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Cloudy 60's

COMMENTS AND OBSERVATIONS:

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 6/14/19 By: TDC/RE Company: Eurofins TA

(2)

FIELD OBSERVATIONS

Facility: Dewitt LF

Sample Point ID: SW-3

Field Personnel: TDK / RF

Sample Matrix: SW

SAMPLING INFORMATION:

Date/Time 6-14-19 / 1225

Method of Sampling: Bailer Grab

Dedicated: YES

Diameter of Well

Well Depth (from top of PVC)

Water Depth (from top of PVC)

Length of water Column

Purge Volume: LWC x 0.17 x 3=

Volume Purged —

Methane Reading NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1225	4.73	7.60	724	20.6	-34.9	4.24

INSTRUMENT CHECK DATA:

See Page 1

Turbidity 0.0 Serial #: _____

Turbidity 1.0 Serial #: _____

Turbidity 10.0 Serial #: _____

pH 4.0 Serial #: _____

pH 7.0 Serial #: _____

pH 10.0 Serial #: _____

Cond Serial #: _____ _____ umhos/cm@25 C

ORP Serial # _____ _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: Cloudy 60's

COMMENTS AND OBSERVATIONS:

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 6/14/19 By: TDK / RF Company: EUROFINS TA

Login Sample Receipt Checklist

Client: Town of Dewitt

Job Number: 460-184553-1

Login Number: 184553
List Number: 1
Creator: DiGuardia, Joseph L

List Source: Eurofins TestAmerica, Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Town of Dewitt

Job Number: 460-184553-1

Login Number: 184553
List Number: 2
Creator: DiGuardia, Joseph L

List Source: Eurofins TestAmerica, Edison

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background		
The cooler's custody seal, if present, is intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the sample IDs on the containers and the COC.		
Samples are received within Holding Time (Excluding tests with immediate HTs)..		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.		
If necessary, staff have been informed of any short hold time or quick TAT needs		
Multiphasic samples are not present.		
Samples do not require splitting or compositing.		
Sampling Company provided.		
Samples received within 48 hours of sampling.		
Samples requiring field filtration have been filtered in the field.		
Chlorine Residual checked.		

eurofins | Environment Testing TestAmerica

ANALYTICAL REPORT

Eurofins TestAmerica, Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
Tel: (802)660-1990

Laboratory Job ID: 200-49239-1
Client Project/Site: Town of Dewitt

For:
Town of Dewitt
5400 Butternut Drive
East Syracuse, New York 13057

Attn: C. Manchester

Joseph V. Giacomazza

Authorized for release by:
6/30/2019 2:47:06 PM
Joe Giacomazza, Project Management Assistant II
joe.giacomazza@testamericainc.com

Designee for

Orlette Johnson, Senior Project Manager
(484)685-0864
orlette.johnson@testamericainc.com

Table of Contents

Definitions/Glossary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 200-49239-1

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 200-49239-1

Job ID: 200-49239-1

Laboratory: Eurofins TestAmerica, Burlington

Narrative

Job Narrative
200-49239-1

Comments
No additional comments.

Receipt
The samples were received on 6/18/2019 10:18 AM; the samples arrived in good condition, properly preserved and, where required, on ice.

Air Toxics
Method(s) TO-15: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 200-144590 recovered outside control limits for the following analytes: 1,4-Dioxane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 200-49239-1

Client Sample ID: V-3 — Lab Sample ID: 200-49239-1

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorotetrafluoroethane	43		30	30	ppb v/v	150		TO-15	Total/NA
2,2,4-Trimethylpentane	260		30	30	ppb v/v	150		TO-15	Total/NA
Cyclohexane	240		30	30	ppb v/v	150		TO-15	Total/NA
Dichlorodifluoromethane	370		75	75	ppb v/v	150		TO-15	Total/NA
Ethylbenzene	31		30	30	ppb v/v	150		TO-15	Total/NA
Freon 22	2700		75	75	ppb v/v	150		TO-15	Total/NA
n-Butane	3300		75	75	ppb v/v	150		TO-15	Total/NA
n-Heptane	200		30	30	ppb v/v	150		TO-15	Total/NA
n-Hexane	740		30	30	ppb v/v	150		TO-15	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorotetrafluoroethane	300		210	210	ug/m3	150		TO-15	Total/NA
2,2,4-Trimethylpentane	1200		140	140	ug/m3	150		TO-15	Total/NA
Cyclohexane	810		100	100	ug/m3	150		TO-15	Total/NA
Dichlorodifluoromethane	1800		370	370	ug/m3	150		TO-15	Total/NA
Ethylbenzene	130		130	130	ug/m3	150		TO-15	Total/NA
Freon 22	9600		270	270	ug/m3	150		TO-15	Total/NA
n-Butane	7700		180	180	ug/m3	150		TO-15	Total/NA
n-Heptane	800		120	120	ug/m3	150		TO-15	Total/NA
n-Hexane	2600		110	110	ug/m3	150		TO-15	Total/NA

Client Sample ID: V-11 — Lab Sample ID: 200-49239-2

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorotetrafluoroethane	36		20	20	ppb v/v	100		TO-15	Total/NA
2,2,4-Trimethylpentane	220		20	20	ppb v/v	100		TO-15	Total/NA
Cyclohexane	130		20	20	ppb v/v	100		TO-15	Total/NA
Dichlorodifluoromethane	65		50	50	ppb v/v	100		TO-15	Total/NA
Ethylbenzene	48		20	20	ppb v/v	100		TO-15	Total/NA
Freon 22	860		50	50	ppb v/v	100		TO-15	Total/NA
n-Butane	2300		50	50	ppb v/v	100		TO-15	Total/NA
n-Heptane	99		20	20	ppb v/v	100		TO-15	Total/NA
n-Hexane	630		20	20	ppb v/v	100		TO-15	Total/NA
Trichlorofluoromethane	82		20	20	ppb v/v	100		TO-15	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorotetrafluoroethane	250		140	140	ug/m3	100		TO-15	Total/NA
2,2,4-Trimethylpentane	1000		93	93	ug/m3	100		TO-15	Total/NA
Cyclohexane	460		69	69	ug/m3	100		TO-15	Total/NA
Dichlorodifluoromethane	320		250	250	ug/m3	100		TO-15	Total/NA
Ethylbenzene	210		87	87	ug/m3	100		TO-15	Total/NA
Freon 22	3000		180	180	ug/m3	100		TO-15	Total/NA
n-Butane	5400		120	120	ug/m3	100		TO-15	Total/NA
n-Heptane	410		82	82	ug/m3	100		TO-15	Total/NA
n-Hexane	2200		70	70	ug/m3	100		TO-15	Total/NA
Trichlorofluoromethane	460		110	110	ug/m3	100		TO-15	Total/NA

Client Sample ID: V-9 — Lab Sample ID: 200-49239-3

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorotetrafluoroethane	34		16	16	ppb v/v	80		TO-15	Total/NA
2,2,4-Trimethylpentane	120		16	16	ppb v/v	80		TO-15	Total/NA
Chloroethane	42		40	40	ppb v/v	80		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: V-9 (Continued)

Lab Sample ID: 200-49239-3

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Cyclohexane	130		16	16	ppb v/v	80		TO-15	Total/NA
Dichlorodifluoromethane	48		40	40	ppb v/v	80		TO-15	Total/NA
Freon 22	1900		40	40	ppb v/v	80		TO-15	Total/NA
n-Butane	1900		40	40	ppb v/v	80		TO-15	Total/NA
n-Heptane	32		16	16	ppb v/v	80		TO-15	Total/NA
n-Hexane	230		16	16	ppb v/v	80		TO-15	Total/NA
Trichlorofluoromethane	55		16	16	ppb v/v	80		TO-15	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorotetrafluoroethane	240		110	110	ug/m3	80		TO-15	Total/NA
2,2,4-Trimethylpentane	550		75	75	ug/m3	80		TO-15	Total/NA
Chloroethane	110		110	110	ug/m3	80		TO-15	Total/NA
Cyclohexane	440		55	55	ug/m3	80		TO-15	Total/NA
Dichlorodifluoromethane	240		200	200	ug/m3	80		TO-15	Total/NA
Freon 22	6600		140	140	ug/m3	80		TO-15	Total/NA
n-Butane	4600		95	95	ug/m3	80		TO-15	Total/NA
n-Heptane	130		66	66	ug/m3	80		TO-15	Total/NA
n-Hexane	810		56	56	ug/m3	80		TO-15	Total/NA
Trichlorofluoromethane	310		90	90	ug/m3	80		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 200-49239-1

Client Sample ID: V-3

Date Collected: 06/17/19 12:42
Date Received: 06/18/19 10:18
Sample Container: Summa Canister 6L

Lab Sample ID: 200-49239-1

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		30	30	ppb v/v			06/29/19 06:23	150
1,1,2,2-Tetrachloroethane	ND		30	30	ppb v/v			06/29/19 06:23	150
1,1,2-Trichloroethane	ND		30	30	ppb v/v			06/29/19 06:23	150
1,1-Dichloroethane	ND		30	30	ppb v/v			06/29/19 06:23	150
1,1-Dichloroethene	ND		30	30	ppb v/v			06/29/19 06:23	150
1,2,4-Trichlorobenzene	ND		75	75	ppb v/v			06/29/19 06:23	150
1,2,4-Trimethylbenzene	ND		30	30	ppb v/v			06/29/19 06:23	150
1,2-Dibromoethane	ND		30	30	ppb v/v			06/29/19 06:23	150
1,2-Dichlorobenzene	ND		30	30	ppb v/v			06/29/19 06:23	150
1,2-Dichloroethane	ND		30	30	ppb v/v			06/29/19 06:23	150
1,2-Dichloroethene, Total	ND		60	60	ppb v/v			06/29/19 06:23	150
1,2-Dichloropropane	ND		30	30	ppb v/v			06/29/19 06:23	150
1,2-Dichlorotetrafluoroethane	**43**		30	30	ppb v/v			06/29/19 06:23	150
1,3,5-Trimethylbenzene	ND		30	30	ppb v/v			06/29/19 06:23	150
1,3-Butadiene	ND		30	30	ppb v/v			06/29/19 06:23	150
1,3-Dichlorobenzene	ND		30	30	ppb v/v			06/29/19 06:23	150
1,4-Dichlorobenzene	ND		30	30	ppb v/v			06/29/19 06:23	150
1,4-Dioxane	ND	*	750	750	ppb v/v			06/29/19 06:23	150
2,2,4-Trimethylpentane	**260**		30	30	ppb v/v			06/29/19 06:23	150
2-Chlorotoluene	ND		30	30	ppb v/v			06/29/19 06:23	150
3-Chloropropene	ND		75	75	ppb v/v			06/29/19 06:23	150
4-Ethyltoluene	ND		30	30	ppb v/v			06/29/19 06:23	150
4-Isopropyltoluene	ND		30	30	ppb v/v			06/29/19 06:23	150
Acetone	ND		750	750	ppb v/v			06/29/19 06:23	150
Benzene	ND		30	30	ppb v/v			06/29/19 06:23	150
Benzyl chloride	ND		30	30	ppb v/v			06/29/19 06:23	150
Bromodichloromethane	ND		30	30	ppb v/v			06/29/19 06:23	150
Bromoethene(Vinyl Bromide)	ND		30	30	ppb v/v			06/29/19 06:23	150
Bromoform	ND		30	30	ppb v/v			06/29/19 06:23	150
Bromomethane	ND		30	30	ppb v/v			06/29/19 06:23	150
Carbon disulfide	ND		75	75	ppb v/v			06/29/19 06:23	150
Carbon tetrachloride	ND		30	30	ppb v/v			06/29/19 06:23	150
Chlorobenzene	ND		30	30	ppb v/v			06/29/19 06:23	150
Chloroethane	ND		75	75	ppb v/v			06/29/19 06:23	150
Chloroform	ND		30	30	ppb v/v			06/29/19 06:23	150
Chloromethane	ND		75	75	ppb v/v			06/29/19 06:23	150
cis-1,2-Dichloroethene	ND		30	30	ppb v/v			06/29/19 06:23	150
cis-1,3-Dichloropropene	ND		30	30	ppb v/v			06/29/19 06:23	150
Cumene	ND		30	30	ppb v/v			06/29/19 06:23	150
Cyclohexane	**240**		30	30	ppb v/v			06/29/19 06:23	150
Dibromochloromethane	ND		30	30	ppb v/v			06/29/19 06:23	150
Dichlorodifluoromethane	**370**		75	75	ppb v/v			06/29/19 06:23	150
Ethylbenzene	**31**		30	30	ppb v/v			06/29/19 06:23	150
Freon 22	**2700**		75	75	ppb v/v			06/29/19 06:23	150
Freon TF	ND		30	30	ppb v/v			06/29/19 06:23	150
Hexachlorobutadiene	ND		30	30	ppb v/v			06/29/19 06:23	150
Isopropyl alcohol	ND		750	750	ppb v/v			06/29/19 06:23	150
m,p-Xylene	ND		75	75	ppb v/v			06/29/19 06:23	150

Client Sample ID: V-3
Date Collected: 06/17/19 12:42
Date Received: 06/18/19 10:18
Sample Container: Summa Canister 6L

Lab Sample ID: 200-49239-1
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Butyl Ketone (2-Hexanone)	ND		75	75	ppb v/v			06/29/19 06:23	150
Methyl Ethyl Ketone	ND		75	75	ppb v/v			06/29/19 06:23	150
methyl isobutyl ketone	ND		75	75	ppb v/v			06/29/19 06:23	150
Methyl methacrylate	ND		75	75	ppb v/v			06/29/19 06:23	150
Methyl tert-butyl ether	ND		30	30	ppb v/v			06/29/19 06:23	150
Methylene Chloride	ND		75	75	ppb v/v			06/29/19 06:23	150
Naphthalene	ND		75	75	ppb v/v			06/29/19 06:23	150
n-Butane	**3300**		75	75	ppb v/v			06/29/19 06:23	150
n-Butylbenzene	ND		30	30	ppb v/v			06/29/19 06:23	150
n-Heptane	**200**		30	30	ppb v/v			06/29/19 06:23	150
n-Hexane	**740**		30	30	ppb v/v			06/29/19 06:23	150
n-Propylbenzene	ND		30	30	ppb v/v			06/29/19 06:23	150
sec-Butylbenzene	ND		30	30	ppb v/v			06/29/19 06:23	150
Styrene	ND		30	30	ppb v/v			06/29/19 06:23	150
tert-Butyl alcohol	ND		750	750	ppb v/v			06/29/19 06:23	150
tert-Butylbenzene	ND		30	30	ppb v/v			06/29/19 06:23	150
Tetrachloroethene	ND		30	30	ppb v/v			06/29/19 06:23	150
Tetrahydrofuran	ND		750	750	ppb v/v			06/29/19 06:23	150
Toluene	ND		30	30	ppb v/v			06/29/19 06:23	150
trans-1,2-Dichloroethene	ND		30	30	ppb v/v			06/29/19 06:23	150
trans-1,3-Dichloropropene	ND		30	30	ppb v/v			06/29/19 06:23	150
Trichloroethene	ND		30	30	ppb v/v			06/29/19 06:23	150
Trichlorofluoromethane	ND		30	30	ppb v/v			06/29/19 06:23	150
Vinyl chloride	ND		30	30	ppb v/v			06/29/19 06:23	150
Xylene (total)	ND		110	110	ppb v/v			06/29/19 06:23	150
Xylene, o-	ND		30	30	ppb v/v			06/29/19 06:23	150

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		160	160	ug/m3			06/29/19 06:23	150
1,1,2,2-Tetrachloroethane	ND		210	210	ug/m3			06/29/19 06:23	150
1,1,2-Trichloroethane	ND		160	160	ug/m3			06/29/19 06:23	150
1,1-Dichloroethane	ND		120	120	ug/m3			06/29/19 06:23	150
1,1-Dichloroethene	ND		120	120	ug/m3			06/29/19 06:23	150
1,2,4-Trichlorobenzene	ND		560	560	ug/m3			06/29/19 06:23	150
1,2,4-Trimethylbenzene	ND		150	150	ug/m3			06/29/19 06:23	150
1,2-Dibromoethane	ND		230	230	ug/m3			06/29/19 06:23	150
1,2-Dichlorobenzene	ND		180	180	ug/m3			06/29/19 06:23	150
1,2-Dichloroethane	ND		120	120	ug/m3			06/29/19 06:23	150
1,2-Dichloroethene, Total	ND		240	240	ug/m3			06/29/19 06:23	150
1,2-Dichloropropane	ND		140	140	ug/m3			06/29/19 06:23	150
1,2-Dichlorotetrafluoroethane	**300**		210	210	ug/m3			06/29/19 06:23	150
1,3,5-Trimethylbenzene	ND		150	150	ug/m3			06/29/19 06:23	150
1,3-Butadiene	ND		66	66	ug/m3			06/29/19 06:23	150
1,3-Dichlorobenzene	ND		180	180	ug/m3			06/29/19 06:23	150
1,4-Dichlorobenzene	ND		180	180	ug/m3			06/29/19 06:23	150
1,4-Dioxane	ND	*	2700	2700	ug/m3			06/29/19 06:23	150
2,2,4-Trimethylpentane	**1200**		140	140	ug/m3			06/29/19 06:23	150
2-Chlorotoluene	ND		160	160	ug/m3			06/29/19 06:23	150
3-Chloropropene	ND		230	230	ug/m3			06/29/19 06:23	150

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 200-49239-1

Client Sample ID: V-3
Date Collected: 06/17/19 12:42
Date Received: 06/18/19 10:18
Sample Container: Summa Canister 6L

Lab Sample ID: 200-49239-1
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
4-Ethyltoluene	ND		150	150	ug/m3			06/29/19 06:23	150
4-Isopropyltoluene	ND		160	160	ug/m3			06/29/19 06:23	150
Acetone	ND		1800	1800	ug/m3			06/29/19 06:23	150
Benzene	ND		96	96	ug/m3			06/29/19 06:23	150
Benzyl chloride	ND		160	160	ug/m3			06/29/19 06:23	150
Bromodichloromethane	ND		200	200	ug/m3			06/29/19 06:23	150
Bromoethene(Vinyl Bromide)	ND		130	130	ug/m3			06/29/19 06:23	150
Bromoform	ND		310	310	ug/m3			06/29/19 06:23	150
Bromomethane	ND		120	120	ug/m3			06/29/19 06:23	150
Carbon disulfide	ND		230	230	ug/m3			06/29/19 06:23	150
Carbon tetrachloride	ND		190	190	ug/m3			06/29/19 06:23	150
Chlorobenzene	ND		140	140	ug/m3			06/29/19 06:23	150
Chloroethane	ND		200	200	ug/m3			06/29/19 06:23	150
Chloroform	ND		150	150	ug/m3			06/29/19 06:23	150
Chloromethane	ND		150	150	ug/m3			06/29/19 06:23	150
cis-1,2-Dichloroethene	ND		120	120	ug/m3			06/29/19 06:23	150
cis-1,3-Dichloropropene	ND		140	140	ug/m3			06/29/19 06:23	150
Cumene	ND		150	150	ug/m3			06/29/19 06:23	150
Cyclohexane	**810**		100	100	ug/m3			06/29/19 06:23	150
Dibromochloromethane	ND		260	260	ug/m3			06/29/19 06:23	150
Dichlorodifluoromethane	**1800**		370	370	ug/m3			06/29/19 06:23	150
Ethylbenzene	**130**		130	130	ug/m3			06/29/19 06:23	150
Freon 22	**9600**		270	270	ug/m3			06/29/19 06:23	150
Freon TF	ND		230	230	ug/m3			06/29/19 06:23	150
Hexachlorobutadiene	ND		320	320	ug/m3			06/29/19 06:23	150
Isopropyl alcohol	ND		1800	1800	ug/m3			06/29/19 06:23	150
m,p-Xylene	ND		330	330	ug/m3			06/29/19 06:23	150
Methyl Butyl Ketone (2-Hexanone)	ND		310	310	ug/m3			06/29/19 06:23	150
Methyl Ethyl Ketone	ND		220	220	ug/m3			06/29/19 06:23	150
methyl isobutyl ketone	ND		310	310	ug/m3			06/29/19 06:23	150
Methyl methacrylate	ND		310	310	ug/m3			06/29/19 06:23	150
Methyl tert-butyl ether	ND		110	110	ug/m3			06/29/19 06:23	150
Methylene Chloride	ND		260	260	ug/m3			06/29/19 06:23	150
Naphthalene	ND		390	390	ug/m3			06/29/19 06:23	150
n-Butane	**7700**		180	180	ug/m3			06/29/19 06:23	150
n-Butylbenzene	ND		160	160	ug/m3			06/29/19 06:23	150
n-Heptane	**800**		120	120	ug/m3			06/29/19 06:23	150
n-Hexane	**2600**		110	110	ug/m3			06/29/19 06:23	150
n-Propylbenzene	ND		150	150	ug/m3			06/29/19 06:23	150
sec-Butylbenzene	ND		160	160	ug/m3			06/29/19 06:23	150
Styrene	ND		130	130	ug/m3			06/29/19 06:23	150
tert-Butyl alcohol	ND		2300	2300	ug/m3			06/29/19 06:23	150
tert-Butylbenzene	ND		160	160	ug/m3			06/29/19 06:23	150
Tetrachloroethene	ND		200	200	ug/m3			06/29/19 06:23	150
Tetrahydrofuran	ND		2200	2200	ug/m3			06/29/19 06:23	150
Toluene	ND		110	110	ug/m3			06/29/19 06:23	150
trans-1,2-Dichloroethene	ND		120	120	ug/m3			06/29/19 06:23	150
trans-1,3-Dichloropropene	ND		140	140	ug/m3			06/29/19 06:23	150

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 200-49239-1

Client Sample ID: V-3
Date Collected: 06/17/19 12:42
Date Received: 06/18/19 10:18
Sample Container: Summa Canister 6L

Lab Sample ID: 200-49239-1
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		160	160	ug/m3			06/29/19 06:23	150
Trichlorofluoromethane	ND		170	170	ug/m3			06/29/19 06:23	150
Vinyl chloride	ND		77	77	ug/m3			06/29/19 06:23	150
Xylene (total)	ND		460	460	ug/m3			06/29/19 06:23	150
Xylene, o-	ND		130	130	ug/m3			06/29/19 06:23	150

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 200-49239-1

Client Sample ID: V-11
Date Collected: 06/17/19 12:50
Date Received: 06/18/19 10:18
Sample Container: Summa Canister 6L

Lab Sample ID: 200-49239-2
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	20	ppb v/v			06/29/19 07:14	100
1,1,2,2-Tetrachloroethane	ND		20	20	ppb v/v			06/29/19 07:14	100
1,1,2-Trichloroethane	ND		20	20	ppb v/v			06/29/19 07:14	100
1,1-Dichloroethane	ND		20	20	ppb v/v			06/29/19 07:14	100
1,1-Dichloroethene	ND		20	20	ppb v/v			06/29/19 07:14	100
1,2,4-Trichlorobenzene	ND		50	50	ppb v/v			06/29/19 07:14	100
1,2,4-Trimethylbenzene	ND		20	20	ppb v/v			06/29/19 07:14	100
1,2-Dibromoethane	ND		20	20	ppb v/v			06/29/19 07:14	100
1,2-Dichlorobenzene	ND		20	20	ppb v/v			06/29/19 07:14	100
1,2-Dichloroethane	ND		20	20	ppb v/v			06/29/19 07:14	100
1,2-Dichloroethene, Total	ND		40	40	ppb v/v			06/29/19 07:14	100
1,2-Dichloropropane	ND		20	20	ppb v/v			06/29/19 07:14	100
1,2-Dichlorotetrafluoroethane	**36**		20	20	ppb v/v			06/29/19 07:14	100
1,3,5-Trimethylbenzene	ND		20	20	ppb v/v			06/29/19 07:14	100
1,3-Butadiene	ND		20	20	ppb v/v			06/29/19 07:14	100
1,3-Dichlorobenzene	ND		20	20	ppb v/v			06/29/19 07:14	100
1,4-Dichlorobenzene	ND		20	20	ppb v/v			06/29/19 07:14	100
1,4-Dioxane	ND	*	500	500	ppb v/v			06/29/19 07:14	100
2,2,4-Trimethylpentane	**220**		20	20	ppb v/v			06/29/19 07:14	100
2-Chlorotoluene	ND		20	20	ppb v/v			06/29/19 07:14	100
3-Chloropropene	ND		50	50	ppb v/v			06/29/19 07:14	100
4-Ethyltoluene	ND		20	20	ppb v/v			06/29/19 07:14	100
4-Isopropyltoluene	ND		20	20	ppb v/v			06/29/19 07:14	100
Acetone	ND		500	500	ppb v/v			06/29/19 07:14	100
Benzene	ND		20	20	ppb v/v			06/29/19 07:14	100
Benzyl chloride	ND		20	20	ppb v/v			06/29/19 07:14	100
Bromodichloromethane	ND		20	20	ppb v/v			06/29/19 07:14	100
Bromoethene(Vinyl Bromide)	ND		20	20	ppb v/v			06/29/19 07:14	100
Bromoform	ND		20	20	ppb v/v			06/29/19 07:14	100
Bromomethane	ND		20	20	ppb v/v			06/29/19 07:14	100
Carbon disulfide	ND		50	50	ppb v/v			06/29/19 07:14	100
Carbon tetrachloride	ND		20	20	ppb v/v			06/29/19 07:14	100
Chlorobenzene	ND		20	20	ppb v/v			06/29/19 07:14	100
Chloroethane	ND		50	50	ppb v/v			06/29/19 07:14	100
Chloroform	ND		20	20	ppb v/v			06/29/19 07:14	100
Chloromethane	ND		50	50	ppb v/v			06/29/19 07:14	100
cis-1,2-Dichloroethene	ND		20	20	ppb v/v			06/29/19 07:14	100
cis-1,3-Dichloropropene	ND		20	20	ppb v/v			06/29/19 07:14	100
Cumene	ND		20	20	ppb v/v			06/29/19 07:14	100
Cyclohexane	**130**		20	20	ppb v/v			06/29/19 07:14	100
Dibromochloromethane	ND		20	20	ppb v/v			06/29/19 07:14	100
Dichlorodifluoromethane	**65**		50	50	ppb v/v			06/29/19 07:14	100
Ethylbenzene	**48**		20	20	ppb v/v			06/29/19 07:14	100
Freon 22	**860**		50	50	ppb v/v			06/29/19 07:14	100
Freon TF	ND		20	20	ppb v/v			06/29/19 07:14	100
Hexachlorobutadiene	ND		20	20	ppb v/v			06/29/19 07:14	100
Isopropyl alcohol	ND		500	500	ppb v/v			06/29/19 07:14	100
m,p-Xylene	ND		50	50	ppb v/v			06/29/19 07:14	100

Client Sample ID: V-11
Date Collected: 06/17/19 12:50
Date Received: 06/18/19 10:18
Sample Container: Summa Canister 6L

Lab Sample ID: 200-49239-2
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Butyl Ketone (2-Hexanone)	ND		50	50	ppb v/v			06/29/19 07:14	100
Methyl Ethyl Ketone	ND		50	50	ppb v/v			06/29/19 07:14	100
methyl isobutyl ketone	ND		50	50	ppb v/v			06/29/19 07:14	100
Methyl methacrylate	ND		50	50	ppb v/v			06/29/19 07:14	100
Methyl tert-butyl ether	ND		20	20	ppb v/v			06/29/19 07:14	100
Methylene Chloride	ND		50	50	ppb v/v			06/29/19 07:14	100
Naphthalene	ND		50	50	ppb v/v			06/29/19 07:14	100
n-Butane	**2300**		50	50	ppb v/v			06/29/19 07:14	100
n-Butylbenzene	ND		20	20	ppb v/v			06/29/19 07:14	100
n-Heptane	**99**		20	20	ppb v/v			06/29/19 07:14	100
n-Hexane	**630**		20	20	ppb v/v			06/29/19 07:14	100
n-Propylbenzene	ND		20	20	ppb v/v			06/29/19 07:14	100
sec-Butylbenzene	ND		20	20	ppb v/v			06/29/19 07:14	100
Styrene	ND		20	20	ppb v/v			06/29/19 07:14	100
tert-Butyl alcohol	ND		500	500	ppb v/v			06/29/19 07:14	100
tert-Butylbenzene	ND		20	20	ppb v/v			06/29/19 07:14	100
Tetrachloroethene	ND		20	20	ppb v/v			06/29/19 07:14	100
Tetrahydrofuran	ND		500	500	ppb v/v			06/29/19 07:14	100
Toluene	ND		20	20	ppb v/v			06/29/19 07:14	100
trans-1,2-Dichloroethene	ND		20	20	ppb v/v			06/29/19 07:14	100
trans-1,3-Dichloropropene	ND		20	20	ppb v/v			06/29/19 07:14	100
Trichloroethene	ND		20	20	ppb v/v			06/29/19 07:14	100
Trichlorofluoromethane	**82**		20	20	ppb v/v			06/29/19 07:14	100
Vinyl chloride	ND		20	20	ppb v/v			06/29/19 07:14	100
Xylene (total)	ND		70	70	ppb v/v			06/29/19 07:14	100
Xylene, o-	ND		20	20	ppb v/v			06/29/19 07:14	100

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		110	110	ug/m3			06/29/19 07:14	100
1,1,2,2-Tetrachloroethane	ND		140	140	ug/m3			06/29/19 07:14	100
1,1,2-Trichloroethane	ND		110	110	ug/m3			06/29/19 07:14	100
1,1-Dichloroethane	ND		81	81	ug/m3			06/29/19 07:14	100
1,1-Dichloroethene	ND		79	79	ug/m3			06/29/19 07:14	100
1,2,4-Trichlorobenzene	ND		370	370	ug/m3			06/29/19 07:14	100
1,2,4-Trimethylbenzene	ND		98	98	ug/m3			06/29/19 07:14	100
1,2-Dibromoethane	ND		150	150	ug/m3			06/29/19 07:14	100
1,2-Dichlorobenzene	ND		120	120	ug/m3			06/29/19 07:14	100
1,2-Dichloroethane	ND		81	81	ug/m3			06/29/19 07:14	100
1,2-Dichloroethene, Total	ND		160	160	ug/m3			06/29/19 07:14	100
1,2-Dichloropropane	ND		92	92	ug/m3			06/29/19 07:14	100
1,2-Dichlorotetrafluoroethane	**250**		140	140	ug/m3			06/29/19 07:14	100
1,3,5-Trimethylbenzene	ND		98	98	ug/m3			06/29/19 07:14	100
1,3-Butadiene	ND		44	44	ug/m3			06/29/19 07:14	100
1,3-Dichlorobenzene	ND		120	120	ug/m3			06/29/19 07:14	100
1,4-Dichlorobenzene	ND		120	120	ug/m3			06/29/19 07:14	100
1,4-Dioxane	ND	*	1800	1800	ug/m3			06/29/19 07:14	100
2,2,4-Trimethylpentane	**1000**		93	93	ug/m3			06/29/19 07:14	100
2-Chlorotoluene	ND		100	100	ug/m3			06/29/19 07:14	100
3-Chloropropene	ND		160	160	ug/m3			06/29/19 07:14	100

Client Sample ID: V-11
Date Collected: 06/17/19 12:50
Date Received: 06/18/19 10:18
Sample Container: Summa Canister 6L

Lab Sample ID: 200-49239-2
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
4-Ethyltoluene	ND		98	98	ug/m3			06/29/19 07:14	100
4-Isopropyltoluene	ND		110	110	ug/m3			06/29/19 07:14	100
Acetone	ND		1200	1200	ug/m3			06/29/19 07:14	100
Benzene	ND		64	64	ug/m3			06/29/19 07:14	100
Benzyl chloride	ND		100	100	ug/m3			06/29/19 07:14	100
Bromodichloromethane	ND		130	130	ug/m3			06/29/19 07:14	100
Bromoethene(Vinyl Bromide)	ND		87	87	ug/m3			06/29/19 07:14	100
Bromoform	ND		210	210	ug/m3			06/29/19 07:14	100
Bromomethane	ND		78	78	ug/m3			06/29/19 07:14	100
Carbon disulfide	ND		160	160	ug/m3			06/29/19 07:14	100
Carbon tetrachloride	ND		130	130	ug/m3			06/29/19 07:14	100
Chlorobenzene	ND		92	92	ug/m3			06/29/19 07:14	100
Chloroethane	ND		130	130	ug/m3			06/29/19 07:14	100
Chloroform	ND		98	98	ug/m3			06/29/19 07:14	100
Chloromethane	ND		100	100	ug/m3			06/29/19 07:14	100
cis-1,2-Dichloroethene	ND		79	79	ug/m3			06/29/19 07:14	100
cis-1,3-Dichloropropene	ND		91	91	ug/m3			06/29/19 07:14	100
Cumene	ND		98	98	ug/m3			06/29/19 07:14	100
Cyclohexane	**460**		69	69	ug/m3			06/29/19 07:14	100
Dibromochloromethane	ND		170	170	ug/m3			06/29/19 07:14	100
Dichlorodifluoromethane	**320**		250	250	ug/m3			06/29/19 07:14	100
Ethylbenzene	**210**		87	87	ug/m3			06/29/19 07:14	100
Freon 22	**3000**		180	180	ug/m3			06/29/19 07:14	100
Freon TF	ND		150	150	ug/m3			06/29/19 07:14	100
Hexachlorobutadiene	ND		210	210	ug/m3			06/29/19 07:14	100
Isopropyl alcohol	ND		1200	1200	ug/m3			06/29/19 07:14	100
m,p-Xylene	ND		220	220	ug/m3			06/29/19 07:14	100
Methyl Butyl Ketone (2-Hexanone)	ND		200	200	ug/m3			06/29/19 07:14	100
Methyl Ethyl Ketone	ND		150	150	ug/m3			06/29/19 07:14	100
methyl isobutyl ketone	ND		200	200	ug/m3			06/29/19 07:14	100
Methyl methacrylate	ND		200	200	ug/m3			06/29/19 07:14	100
Methyl tert-butyl ether	ND		72	72	ug/m3			06/29/19 07:14	100
Methylene Chloride	ND		170	170	ug/m3			06/29/19 07:14	100
Naphthalene	ND		260	260	ug/m3			06/29/19 07:14	100
n-Butane	**5400**		120	120	ug/m3			06/29/19 07:14	100
n-Butylbenzene	ND		110	110	ug/m3			06/29/19 07:14	100
n-Heptane	**410**		82	82	ug/m3			06/29/19 07:14	100
n-Hexane	**2200**		70	70	ug/m3			06/29/19 07:14	100
n-Propylbenzene	ND		98	98	ug/m3			06/29/19 07:14	100
sec-Butylbenzene	ND		110	110	ug/m3			06/29/19 07:14	100
Styrene	ND		85	85	ug/m3			06/29/19 07:14	100
tert-Butyl alcohol	ND		1500	1500	ug/m3			06/29/19 07:14	100
tert-Butylbenzene	ND		110	110	ug/m3			06/29/19 07:14	100
Tetrachloroethene	ND		140	140	ug/m3			06/29/19 07:14	100
Tetrahydrofuran	ND		1500	1500	ug/m3			06/29/19 07:14	100
Toluene	ND		75	75	ug/m3			06/29/19 07:14	100
trans-1,2-Dichloroethene	ND		79	79	ug/m3			06/29/19 07:14	100
trans-1,3-Dichloropropene	ND		91	91	ug/m3			06/29/19 07:14	100

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 200-49239-1

Client Sample ID: V-11
Date Collected: 06/17/19 12:50
Date Received: 06/18/19 10:18
Sample Container: Summa Canister 6L

Lab Sample ID: 200-49239-2
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		110	110	ug/m3			06/29/19 07:14	100
Trichlorofluoromethane	**460**		110	110	ug/m3			06/29/19 07:14	100
Vinyl chloride	ND		51	51	ug/m3			06/29/19 07:14	100
Xylene (total)	ND		300	300	ug/m3			06/29/19 07:14	100
Xylene, o-	ND		87	87	ug/m3			06/29/19 07:14	100

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 200-49239-1

Client Sample ID: V-9

Date Collected: 06/17/19 13:00
Date Received: 06/18/19 10:18
Sample Container: Summa Canister 6L

Lab Sample ID: 200-49239-3

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		16	16	ppb v/v			06/29/19 08:05	80
1,1,2,2-Tetrachloroethane	ND		16	16	ppb v/v			06/29/19 08:05	80
1,1,2-Trichloroethane	ND		16	16	ppb v/v			06/29/19 08:05	80
1,1-Dichloroethane	ND		16	16	ppb v/v			06/29/19 08:05	80
1,1-Dichloroethene	ND		16	16	ppb v/v			06/29/19 08:05	80
1,2,4-Trichlorobenzene	ND		40	40	ppb v/v			06/29/19 08:05	80
1,2,4-Trimethylbenzene	ND		16	16	ppb v/v			06/29/19 08:05	80
1,2-Dibromoethane	ND		16	16	ppb v/v			06/29/19 08:05	80
1,2-Dichlorobenzene	ND		16	16	ppb v/v			06/29/19 08:05	80
1,2-Dichloroethane	ND		16	16	ppb v/v			06/29/19 08:05	80
1,2-Dichloroethene, Total	ND		32	32	ppb v/v			06/29/19 08:05	80
1,2-Dichloropropane	ND		16	16	ppb v/v			06/29/19 08:05	80
1,2-Dichlorotetrafluoroethane	**34**		16	16	ppb v/v			06/29/19 08:05	80
1,3,5-Trimethylbenzene	ND		16	16	ppb v/v			06/29/19 08:05	80
1,3-Butadiene	ND		16	16	ppb v/v			06/29/19 08:05	80
1,3-Dichlorobenzene	ND		16	16	ppb v/v			06/29/19 08:05	80
1,4-Dichlorobenzene	ND		16	16	ppb v/v			06/29/19 08:05	80
1,4-Dioxane	ND	*	400	400	ppb v/v			06/29/19 08:05	80
2,2,4-Trimethylpentane	**120**		16	16	ppb v/v			06/29/19 08:05	80
2-Chlorotoluene	ND		16	16	ppb v/v			06/29/19 08:05	80
3-Chloropropene	ND		40	40	ppb v/v			06/29/19 08:05	80
4-Ethyltoluene	ND		16	16	ppb v/v			06/29/19 08:05	80
4-Isopropyltoluene	ND		16	16	ppb v/v			06/29/19 08:05	80
Acetone	ND		400	400	ppb v/v			06/29/19 08:05	80
Benzene	ND		16	16	ppb v/v			06/29/19 08:05	80
Benzyl chloride	ND		16	16	ppb v/v			06/29/19 08:05	80
Bromodichloromethane	ND		16	16	ppb v/v			06/29/19 08:05	80
Bromoethene(Vinyl Bromide)	ND		16	16	ppb v/v			06/29/19 08:05	80
Bromoform	ND		16	16	ppb v/v			06/29/19 08:05	80
Bromomethane	ND		16	16	ppb v/v			06/29/19 08:05	80
Carbon disulfide	ND		40	40	ppb v/v			06/29/19 08:05	80
Carbon tetrachloride	ND		16	16	ppb v/v			06/29/19 08:05	80
Chlorobenzene	ND		16	16	ppb v/v			06/29/19 08:05	80
Chloroethane	**42**		40	40	ppb v/v			06/29/19 08:05	80
Chloroform	ND		16	16	ppb v/v			06/29/19 08:05	80
Chloromethane	ND		40	40	ppb v/v			06/29/19 08:05	80
cis-1,2-Dichloroethene	ND		16	16	ppb v/v			06/29/19 08:05	80
cis-1,3-Dichloropropene	ND		16	16	ppb v/v			06/29/19 08:05	80
Cumene	ND		16	16	ppb v/v			06/29/19 08:05	80
Cyclohexane	**130**		16	16	ppb v/v			06/29/19 08:05	80
Dibromochloromethane	ND		16	16	ppb v/v			06/29/19 08:05	80
Dichlorodifluoromethane	**48**		40	40	ppb v/v			06/29/19 08:05	80
Ethylbenzene	ND		16	16	ppb v/v			06/29/19 08:05	80
Freon 22	**1900**		40	40	ppb v/v			06/29/19 08:05	80
Freon TF	ND		16	16	ppb v/v			06/29/19 08:05	80
Hexachlorobutadiene	ND		16	16	ppb v/v			06/29/19 08:05	80
Isopropyl alcohol	ND		400	400	ppb v/v			06/29/19 08:05	80
m,p-Xylene	ND		40	40	ppb v/v			06/29/19 08:05	80

Client Sample ID: V-9

Date Collected: 06/17/19 13:00
Date Received: 06/18/19 10:18
Sample Container: Summa Canister 6L

Lab Sample ID: 200-49239-3

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Butyl Ketone (2-Hexanone)	ND		40	40	ppb v/v			06/29/19 08:05	80
Methyl Ethyl Ketone	ND		40	40	ppb v/v			06/29/19 08:05	80
methyl isobutyl ketone	ND		40	40	ppb v/v			06/29/19 08:05	80
Methyl methacrylate	ND		40	40	ppb v/v			06/29/19 08:05	80
Methyl tert-butyl ether	ND		16	16	ppb v/v			06/29/19 08:05	80
Methylene Chloride	ND		40	40	ppb v/v			06/29/19 08:05	80
Naphthalene	ND		40	40	ppb v/v			06/29/19 08:05	80
n-Butane	**1900**		40	40	ppb v/v			06/29/19 08:05	80
n-Butylbenzene	ND		16	16	ppb v/v			06/29/19 08:05	80
n-Heptane	**32**		16	16	ppb v/v			06/29/19 08:05	80
n-Hexane	**230**		16	16	ppb v/v			06/29/19 08:05	80
n-Propylbenzene	ND		16	16	ppb v/v			06/29/19 08:05	80
sec-Butylbenzene	ND		16	16	ppb v/v			06/29/19 08:05	80
Styrene	ND		16	16	ppb v/v			06/29/19 08:05	80
tert-Butyl alcohol	ND		400	400	ppb v/v			06/29/19 08:05	80
tert-Butylbenzene	ND		16	16	ppb v/v			06/29/19 08:05	80
Tetrachloroethene	ND		16	16	ppb v/v			06/29/19 08:05	80
Tetrahydrofuran	ND		400	400	ppb v/v			06/29/19 08:05	80
Toluene	ND		16	16	ppb v/v			06/29/19 08:05	80
trans-1,2-Dichloroethene	ND		16	16	ppb v/v			06/29/19 08:05	80
trans-1,3-Dichloropropene	ND		16	16	ppb v/v			06/29/19 08:05	80
Trichloroethene	ND		16	16	ppb v/v			06/29/19 08:05	80
Trichlorofluoromethane	**55**		16	16	ppb v/v			06/29/19 08:05	80
Vinyl chloride	ND		16	16	ppb v/v			06/29/19 08:05	80
Xylene (total)	ND		56	56	ppb v/v			06/29/19 08:05	80
Xylene, o-	ND		16	16	ppb v/v			06/29/19 08:05	80

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		87	87	ug/m3			06/29/19 08:05	80
1,1,2,2-Tetrachloroethane	ND		110	110	ug/m3			06/29/19 08:05	80
1,1,2-Trichloroethane	ND		87	87	ug/m3			06/29/19 08:05	80
1,1-Dichloroethane	ND		65	65	ug/m3			06/29/19 08:05	80
1,1-Dichloroethene	ND		63	63	ug/m3			06/29/19 08:05	80
1,2,4-Trichlorobenzene	ND		300	300	ug/m3			06/29/19 08:05	80
1,2,4-Trimethylbenzene	ND		79	79	ug/m3			06/29/19 08:05	80
1,2-Dibromoethane	ND		120	120	ug/m3			06/29/19 08:05	80
1,2-Dichlorobenzene	ND		96	96	ug/m3			06/29/19 08:05	80
1,2-Dichloroethane	ND		65	65	ug/m3			06/29/19 08:05	80
1,2-Dichloroethene, Total	ND		130	130	ug/m3			06/29/19 08:05	80
1,2-Dichloropropane	ND		74	74	ug/m3			06/29/19 08:05	80
1,2-Dichlorotetrafluoroethane	**240**		110	110	ug/m3			06/29/19 08:05	80
1,3,5-Trimethylbenzene	ND		79	79	ug/m3			06/29/19 08:05	80
1,3-Butadiene	ND		35	35	ug/m3			06/29/19 08:05	80
1,3-Dichlorobenzene	ND		96	96	ug/m3			06/29/19 08:05	80
1,4-Dichlorobenzene	ND		96	96	ug/m3			06/29/19 08:05	80
1,4-Dioxane	ND	*	1400	1400	ug/m3			06/29/19 08:05	80
2,2,4-Trimethylpentane	**550**		75	75	ug/m3			06/29/19 08:05	80
2-Chlorotoluene	ND		83	83	ug/m3			06/29/19 08:05	80
3-Chloropropene	ND		130	130	ug/m3			06/29/19 08:05	80

Client Sample ID: V-9
Date Collected: 06/17/19 13:00
Date Received: 06/18/19 10:18
Sample Container: Summa Canister 6L

Lab Sample ID: 200-49239-3
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
4-Ethyltoluene	ND		79	79	ug/m3			06/29/19 08:05	80
4-Isopropyltoluene	ND		88	88	ug/m3			06/29/19 08:05	80
Acetone	ND		950	950	ug/m3			06/29/19 08:05	80
Benzene	ND		51	51	ug/m3			06/29/19 08:05	80
Benzyl chloride	ND		83	83	ug/m3			06/29/19 08:05	80
Bromodichloromethane	ND		110	110	ug/m3			06/29/19 08:05	80
Bromoethene(Vinyl Bromide)	ND		70	70	ug/m3			06/29/19 08:05	80
Bromoform	ND		170	170	ug/m3			06/29/19 08:05	80
Bromomethane	ND		62	62	ug/m3			06/29/19 08:05	80
Carbon disulfide	ND		120	120	ug/m3			06/29/19 08:05	80
Carbon tetrachloride	ND		100	100	ug/m3			06/29/19 08:05	80
Chlorobenzene	ND		74	74	ug/m3			06/29/19 08:05	80
Chloroethane	**110**		110	110	ug/m3			06/29/19 08:05	80
Chloroform	ND		78	78	ug/m3			06/29/19 08:05	80
Chloromethane	ND		83	83	ug/m3			06/29/19 08:05	80
cis-1,2-Dichloroethene	ND		63	63	ug/m3			06/29/19 08:05	80
cis-1,3-Dichloropropene	ND		73	73	ug/m3			06/29/19 08:05	80
Cumene	ND		79	79	ug/m3			06/29/19 08:05	80
Cyclohexane	**440**		55	55	ug/m3			06/29/19 08:05	80
Dibromochloromethane	ND		140	140	ug/m3			06/29/19 08:05	80
Dichlorodifluoromethane	**240**		200	200	ug/m3			06/29/19 08:05	80
Ethylbenzene	ND		69	69	ug/m3			06/29/19 08:05	80
Freon 22	**6600**		140	140	ug/m3			06/29/19 08:05	80
Freon TF	ND		120	120	ug/m3			06/29/19 08:05	80
Hexachlorobutadiene	ND		170	170	ug/m3			06/29/19 08:05	80
Isopropyl alcohol	ND		980	980	ug/m3			06/29/19 08:05	80
m,p-Xylene	ND		170	170	ug/m3			06/29/19 08:05	80
Methyl Butyl Ketone (2-Hexanone)	ND		160	160	ug/m3			06/29/19 08:05	80
Methyl Ethyl Ketone	ND		120	120	ug/m3			06/29/19 08:05	80
methyl isobutyl ketone	ND		160	160	ug/m3			06/29/19 08:05	80
Methyl methacrylate	ND		160	160	ug/m3			06/29/19 08:05	80
Methyl tert-butyl ether	ND		58	58	ug/m3			06/29/19 08:05	80
Methylene Chloride	ND		140	140	ug/m3			06/29/19 08:05	80
Naphthalene	ND		210	210	ug/m3			06/29/19 08:05	80
n-Butane	**4600**		95	95	ug/m3			06/29/19 08:05	80
n-Butylbenzene	ND		88	88	ug/m3			06/29/19 08:05	80
n-Heptane	**130**		66	66	ug/m3			06/29/19 08:05	80
n-Hexane	**810**		56	56	ug/m3			06/29/19 08:05	80
n-Propylbenzene	ND		79	79	ug/m3			06/29/19 08:05	80
sec-Butylbenzene	ND		88	88	ug/m3			06/29/19 08:05	80
Styrene	ND		68	68	ug/m3			06/29/19 08:05	80
tert-Butyl alcohol	ND		1200	1200	ug/m3			06/29/19 08:05	80
tert-Butylbenzene	ND		88	88	ug/m3			06/29/19 08:05	80
Tetrachloroethene	ND		110	110	ug/m3			06/29/19 08:05	80
Tetrahydrofuran	ND		1200	1200	ug/m3			06/29/19 08:05	80
Toluene	ND		60	60	ug/m3			06/29/19 08:05	80
trans-1,2-Dichloroethene	ND		63	63	ug/m3			06/29/19 08:05	80
trans-1,3-Dichloropropene	ND		73	73	ug/m3			06/29/19 08:05	80

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 200-49239-1

Client Sample ID: V-9
Date Collected: 06/17/19 13:00
Date Received: 06/18/19 10:18
Sample Container: Summa Canister 6L

Lab Sample ID: 200-49239-3
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		86	86	ug/m3			06/29/19 08:05	80
Trichlorofluoromethane	**310**		90	90	ug/m3			06/29/19 08:05	80
Vinyl chloride	ND		41	41	ug/m3			06/29/19 08:05	80
Xylene (total)	ND		240	240	ug/m3			06/29/19 08:05	80
Xylene, o-	ND		69	69	ug/m3			06/29/19 08:05	80

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 200-49239-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 200-144590/6
Matrix: Air
Analysis Batch: 144590

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
1,1,2-Trichloroethane	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
1,1-Dichloroethane	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
1,1-Dichloroethene	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ppb v/v			06/28/19 16:07	1
1,2,4-Trimethylbenzene	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
1,2-Dibromoethane	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
1,2-Dichlorobenzene	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
1,2-Dichloroethane	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
1,2-Dichloroethene, Total	ND		0.40	0.40	ppb v/v			06/28/19 16:07	1
1,2-Dichloropropane	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
1,3,5-Trimethylbenzene	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
1,3-Butadiene	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
1,3-Dichlorobenzene	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
1,4-Dichlorobenzene	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
1,4-Dioxane	ND		5.0	5.0	ppb v/v			06/28/19 16:07	1
2,2,4-Trimethylpentane	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
2-Chlorotoluene	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
3-Chloropropene	ND		0.50	0.50	ppb v/v			06/28/19 16:07	1
4-Ethyltoluene	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
4-Isopropyltoluene	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
Acetone	ND		5.0	5.0	ppb v/v			06/28/19 16:07	1
Benzene	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
Benzyl chloride	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
Bromodichloromethane	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
Bromoform	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
Bromomethane	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
Carbon disulfide	ND		0.50	0.50	ppb v/v			06/28/19 16:07	1
Carbon tetrachloride	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
Chlorobenzene	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
Chloroethane	ND		0.50	0.50	ppb v/v			06/28/19 16:07	1
Chloroform	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
Chloromethane	ND		0.50	0.50	ppb v/v			06/28/19 16:07	1
cis-1,2-Dichloroethene	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
cis-1,3-Dichloropropene	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
Cumene	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
Cyclohexane	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
Dibromochloromethane	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
Dichlorodifluoromethane	ND		0.50	0.50	ppb v/v			06/28/19 16:07	1
Ethylbenzene	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
Freon 22	ND		0.50	0.50	ppb v/v			06/28/19 16:07	1
Freon TF	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
Hexachlorobutadiene	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
Isopropyl alcohol	ND		5.0	5.0	ppb v/v			06/28/19 16:07	1
m,p-Xylene	ND		0.50	0.50	ppb v/v			06/28/19 16:07	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-144590/6
Matrix: Air
Analysis Batch: 144590

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.50	ppb v/v			06/28/19 16:07	1
Methyl Ethyl Ketone	ND		0.50	0.50	ppb v/v			06/28/19 16:07	1
methyl isobutyl ketone	ND		0.50	0.50	ppb v/v			06/28/19 16:07	1
Methyl methacrylate	ND		0.50	0.50	ppb v/v			06/28/19 16:07	1
Methyl tert-butyl ether	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
Methylene Chloride	ND		0.50	0.50	ppb v/v			06/28/19 16:07	1
Naphthalene	ND		0.50	0.50	ppb v/v			06/28/19 16:07	1
n-Butane	ND		0.50	0.50	ppb v/v			06/28/19 16:07	1
n-Butylbenzene	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
n-Heptane	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
n-Hexane	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
n-Propylbenzene	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
sec-Butylbenzene	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
Styrene	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
tert-Butyl alcohol	ND		5.0	5.0	ppb v/v			06/28/19 16:07	1
tert-Butylbenzene	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
Tetrachloroethene	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
Tetrahydrofuran	ND		5.0	5.0	ppb v/v			06/28/19 16:07	1
Toluene	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
trans-1,2-Dichloroethene	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
trans-1,3-Dichloropropene	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
Trichloroethene	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
Trichlorofluoromethane	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
Vinyl chloride	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1
Xylene (total)	ND		0.70	0.70	ppb v/v			06/28/19 16:07	1
Xylene, o-	ND		0.20	0.20	ppb v/v			06/28/19 16:07	1

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	1.1	ug/m3			06/28/19 16:07	1
1,1,2,2-Tetrachloroethane	ND		1.4	1.4	ug/m3			06/28/19 16:07	1
1,1,2-Trichloroethane	ND		1.1	1.1	ug/m3			06/28/19 16:07	1
1,1-Dichloroethane	ND		0.81	0.81	ug/m3			06/28/19 16:07	1
1,1-Dichloroethene	ND		0.79	0.79	ug/m3			06/28/19 16:07	1
1,2,4-Trichlorobenzene	ND		3.7	3.7	ug/m3			06/28/19 16:07	1
1,2,4-Trimethylbenzene	ND		0.98	0.98	ug/m3			06/28/19 16:07	1
1,2-Dibromoethane	ND		1.5	1.5	ug/m3			06/28/19 16:07	1
1,2-Dichlorobenzene	ND		1.2	1.2	ug/m3			06/28/19 16:07	1
1,2-Dichloroethane	ND		0.81	0.81	ug/m3			06/28/19 16:07	1
1,2-Dichloroethene, Total	ND		1.6	1.6	ug/m3			06/28/19 16:07	1
1,2-Dichloropropane	ND		0.92	0.92	ug/m3			06/28/19 16:07	1
1,2-Dichlorotetrafluoroethane	ND		1.4	1.4	ug/m3			06/28/19 16:07	1
1,3,5-Trimethylbenzene	ND		0.98	0.98	ug/m3			06/28/19 16:07	1
1,3-Butadiene	ND		0.44	0.44	ug/m3			06/28/19 16:07	1
1,3-Dichlorobenzene	ND		1.2	1.2	ug/m3			06/28/19 16:07	1
1,4-Dichlorobenzene	ND		1.2	1.2	ug/m3			06/28/19 16:07	1
1,4-Dioxane	ND		18	18	ug/m3			06/28/19 16:07	1
2,2,4-Trimethylpentane	ND		0.93	0.93	ug/m3			06/28/19 16:07	1
2-Chlorotoluene	ND		1.0	1.0	ug/m3			06/28/19 16:07	1
3-Chloropropene	ND		1.6	1.6	ug/m3			06/28/19 16:07	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-144590/6
Matrix: Air
Analysis Batch: 144590

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
4-Ethyltoluene	ND		0.98	0.98	ug/m3			06/28/19 16:07	1
4-Isopropyltoluene	ND		1.1	1.1	ug/m3			06/28/19 16:07	1
Acetone	ND		12	12	ug/m3			06/28/19 16:07	1
Benzene	ND		0.64	0.64	ug/m3			06/28/19 16:07	1
Benzyl chloride	ND		1.0	1.0	ug/m3			06/28/19 16:07	1
Bromodichloromethane	ND		1.3	1.3	ug/m3			06/28/19 16:07	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.87	ug/m3			06/28/19 16:07	1
Bromoform	ND		2.1	2.1	ug/m3			06/28/19 16:07	1
Bromomethane	ND		0.78	0.78	ug/m3			06/28/19 16:07	1
Carbon disulfide	ND		1.6	1.6	ug/m3			06/28/19 16:07	1
Carbon tetrachloride	ND		1.3	1.3	ug/m3			06/28/19 16:07	1
Chlorobenzene	ND		0.92	0.92	ug/m3			06/28/19 16:07	1
Chloroethane	ND		1.3	1.3	ug/m3			06/28/19 16:07	1
Chloroform	ND		0.98	0.98	ug/m3			06/28/19 16:07	1
Chloromethane	ND		1.0	1.0	ug/m3			06/28/19 16:07	1
cis-1,2-Dichloroethene	ND		0.79	0.79	ug/m3			06/28/19 16:07	1
cis-1,3-Dichloropropene	ND		0.91	0.91	ug/m3			06/28/19 16:07	1
Cumene	ND		0.98	0.98	ug/m3			06/28/19 16:07	1
Cyclohexane	ND		0.69	0.69	ug/m3			06/28/19 16:07	1
Dibromochloromethane	ND		1.7	1.7	ug/m3			06/28/19 16:07	1
Dichlorodifluoromethane	ND		2.5	2.5	ug/m3			06/28/19 16:07	1
Ethylbenzene	ND		0.87	0.87	ug/m3			06/28/19 16:07	1
Freon 22	ND		1.8	1.8	ug/m3			06/28/19 16:07	1
Freon TF	ND		1.5	1.5	ug/m3			06/28/19 16:07	1
Hexachlorobutadiene	ND		2.1	2.1	ug/m3			06/28/19 16:07	1
Isopropyl alcohol	ND		12	12	ug/m3			06/28/19 16:07	1
m,p-Xylene	ND		2.2	2.2	ug/m3			06/28/19 16:07	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	2.0	ug/m3			06/28/19 16:07	1
Methyl Ethyl Ketone	ND		1.5	1.5	ug/m3			06/28/19 16:07	1
methyl isobutyl ketone	ND		2.0	2.0	ug/m3			06/28/19 16:07	1
Methyl methacrylate	ND		2.0	2.0	ug/m3			06/28/19 16:07	1
Methyl tert-butyl ether	ND		0.72	0.72	ug/m3			06/28/19 16:07	1
Methylene Chloride	ND		1.7	1.7	ug/m3			06/28/19 16:07	1
Naphthalene	ND		2.6	2.6	ug/m3			06/28/19 16:07	1
n-Butane	ND		1.2	1.2	ug/m3			06/28/19 16:07	1
n-Butylbenzene	ND		1.1	1.1	ug/m3			06/28/19 16:07	1
n-Heptane	ND		0.82	0.82	ug/m3			06/28/19 16:07	1
n-Hexane	ND		0.70	0.70	ug/m3			06/28/19 16:07	1
n-Propylbenzene	ND		0.98	0.98	ug/m3			06/28/19 16:07	1
sec-Butylbenzene	ND		1.1	1.1	ug/m3			06/28/19 16:07	1
Styrene	ND		0.85	0.85	ug/m3			06/28/19 16:07	1
tert-Butyl alcohol	ND		15	15	ug/m3			06/28/19 16:07	1
tert-Butylbenzene	ND		1.1	1.1	ug/m3			06/28/19 16:07	1
Tetrachloroethene	ND		1.4	1.4	ug/m3			06/28/19 16:07	1
Tetrahydrofuran	ND		15	15	ug/m3			06/28/19 16:07	1
Toluene	ND		0.75	0.75	ug/m3			06/28/19 16:07	1
trans-1,2-Dichloroethene	ND		0.79	0.79	ug/m3			06/28/19 16:07	1
trans-1,3-Dichloropropene	ND		0.91	0.91	ug/m3			06/28/19 16:07	1
Trichloroethene	ND		1.1	1.1	ug/m3			06/28/19 16:07	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-144590/6
Matrix: Air
Analysis Batch: 144590

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		1.1	1.1	ug/m3			06/28/19 16:07	1
Vinyl chloride	ND		0.51	0.51	ug/m3			06/28/19 16:07	1
Xylene (total)	ND		3.0	3.0	ug/m3			06/28/19 16:07	1
Xylene, o-	ND		0.87	0.87	ug/m3			06/28/19 16:07	1

Lab Sample ID: LCS 200-144590/5
Matrix: Air
Analysis Batch: 144590

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	10.5		ppb v/v		105	72 - 127
1,1,2,2-Tetrachloroethane	10.0	9.96		ppb v/v		100	74 - 126
1,1,2-Trichloroethane	10.0	9.59		ppb v/v		96	75 - 126
1,1-Dichloroethane	10.0	8.60		ppb v/v		86	66 - 130
1,1-Dichloroethene	10.0	8.63		ppb v/v		86	68 - 120
1,2,4-Trichlorobenzene	10.0	9.40		ppb v/v		94	50 - 150
1,2,4-Trimethylbenzene	10.0	10.3		ppb v/v		103	71 - 129
1,2-Dibromoethane	10.0	9.45		ppb v/v		95	78 - 122
1,2-Dichlorobenzene	10.0	9.35		ppb v/v		94	68 - 129
1,2-Dichloroethane	10.0	9.29		ppb v/v		93	68 - 135
1,2-Dichloropropane	10.0	10.1		ppb v/v		101	69 - 128
1,2-Dichlorotetrafluoroethane	10.0	10.6		ppb v/v		106	71 - 141
1,3,5-Trimethylbenzene	10.0	10.2		ppb v/v		102	72 - 126
1,3-Butadiene	10.0	10.1		ppb v/v		101	58 - 139
1,3-Dichlorobenzene	10.0	9.72		ppb v/v		97	69 - 131
1,4-Dichlorobenzene	10.0	9.61		ppb v/v		96	67 - 132
1,4-Dioxane	10.0	14.8	*	ppb v/v		148	66 - 129
2,2,4-Trimethylpentane	10.0	10.7		ppb v/v		107	68 - 131
2-Chlorotoluene	10.0	9.90		ppb v/v		99	74 - 126
3-Chloropropene	10.0	7.51		ppb v/v		75	50 - 150
4-Ethyltoluene	10.0	10.4		ppb v/v		104	75 - 129
4-Isopropyltoluene	10.0	10.0		ppb v/v		100	68 - 130
Acetone	10.0	10.4		ppb v/v		104	54 - 154
Benzene	10.0	9.15		ppb v/v		91	73 - 119
Benzyl chloride	10.0	8.40		ppb v/v		84	60 - 136
Bromodichloromethane	10.0	9.85		ppb v/v		98	75 - 127
Bromoethene(Vinyl Bromide)	10.0	10.1		ppb v/v		101	75 - 125
Bromoform	10.0	7.78		ppb v/v		78	53 - 149
Bromomethane	10.0	9.80		ppb v/v		98	72 - 124
Carbon disulfide	10.0	10.2		ppb v/v		102	71 - 138
Carbon tetrachloride	10.0	10.6		ppb v/v		106	71 - 133
Chlorobenzene	10.0	9.32		ppb v/v		93	76 - 119
Chloroethane	10.0	9.88		ppb v/v		99	68 - 130
Chloroform	10.0	9.14		ppb v/v		91	73 - 124
Chloromethane	10.0	10.1		ppb v/v		101	56 - 141
cis-1,2-Dichloroethene	10.0	9.13		ppb v/v		91	72 - 121
cis-1,3-Dichloropropene	10.0	9.60		ppb v/v		96	74 - 125
Cumene	10.0	9.95		ppb v/v		99	73 - 123
Cyclohexane	10.0	10.2		ppb v/v		102	76 - 124

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-144590/5
Matrix: Air
Analysis Batch: 144590

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dibromochloromethane	10.0	8.85		ppb v/v		89	73 - 125
Dichlorodifluoromethane	10.0	10.1		ppb v/v		101	61 - 142
Ethylbenzene	10.0	9.67		ppb v/v		97	74 - 122
Freon 22	10.0	10.6		ppb v/v		106	60 - 147
Freon TF	10.0	8.45		ppb v/v		85	70 - 121
Hexachlorobutadiene	10.0	8.68		ppb v/v		87	58 - 130
Isopropyl alcohol	10.0	10.9		ppb v/v		109	53 - 142
m,p-Xylene	20.0	20.0		ppb v/v		100	76 - 121
Methyl Butyl Ketone (2-Hexanone)	10.0	11.1		ppb v/v		111	57 - 143
Methyl Ethyl Ketone	10.0	9.56		ppb v/v		96	72 - 124
methyl isobutyl ketone	10.0	12.5		ppb v/v		125	58 - 144
Methyl methacrylate	10.0	12.4		ppb v/v		124	73 - 129
Methyl tert-butyl ether	10.0	9.90		ppb v/v		99	70 - 127
Methylene Chloride	10.0	8.98		ppb v/v		90	59 - 137
Naphthalene	10.0	8.87		ppb v/v		89	50 - 150
n-Butane	10.0	10.6		ppb v/v		106	53 - 151
n-Butylbenzene	10.0	9.84		ppb v/v		98	65 - 137
n-Heptane	10.0	10.7		ppb v/v		107	60 - 142
n-Hexane	10.0	9.90		ppb v/v		99	63 - 138
n-Propylbenzene	10.0	10.1		ppb v/v		101	73 - 127
sec-Butylbenzene	10.0	9.84		ppb v/v		98	70 - 128
Styrene	10.0	9.71		ppb v/v		97	74 - 125
tert-Butyl alcohol	10.0	11.5		ppb v/v		115	66 - 132
tert-Butylbenzene	10.0	9.93		ppb v/v		99	71 - 125
Tetrachloroethene	10.0	9.44		ppb v/v		94	70 - 125
Tetrahydrofuran	10.0	12.6		ppb v/v		126	60 - 149
Toluene	10.0	9.43		ppb v/v		94	75 - 122
trans-1,2-Dichloroethene	10.0	9.76		ppb v/v		98	69 - 137
trans-1,3-Dichloropropene	10.0	10.6		ppb v/v		106	74 - 128
Trichloroethene	10.0	10.6		ppb v/v		106	73 - 122
Trichlorofluoromethane	10.0	9.82		ppb v/v		98	70 - 129
Vinyl chloride	10.0	9.94		ppb v/v		99	61 - 135
Xylene, o-	10.0	10.4		ppb v/v		104	73 - 123

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	55	57.3		ug/m3		105	72 - 127
1,1,2,2-Tetrachloroethane	69	68.4		ug/m3		100	74 - 126
1,1,2-Trichloroethane	55	52.3		ug/m3		96	75 - 126
1,1-Dichloroethane	40	34.8		ug/m3		86	66 - 130
1,1-Dichloroethene	40	34.2		ug/m3		86	68 - 120
1,2,4-Trichlorobenzene	74	69.7		ug/m3		94	50 - 150
1,2,4-Trimethylbenzene	49	50.7		ug/m3		103	71 - 129
1,2-Dibromoethane	77	72.6		ug/m3		95	78 - 122
1,2-Dichlorobenzene	60	56.2		ug/m3		94	68 - 129
1,2-Dichloroethane	40	37.6		ug/m3		93	68 - 135
1,2-Dichloropropane	46	46.7		ug/m3		101	69 - 128
1,2-Dichlorotetrafluoroethane	70	73.9		ug/m3		106	71 - 141
1,3,5-Trimethylbenzene	49	50.1		ug/m3		102	72 - 126

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-144590/5
Matrix: Air
Analysis Batch: 144590

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Butadiene	22	22.3		ug/m3		101	58 - 139
1,3-Dichlorobenzene	60	58.4		ug/m3		97	69 - 131
1,4-Dichlorobenzene	60	57.7		ug/m3		96	67 - 132
1,4-Dioxane	36	53.4	*	ug/m3		148	66 - 129
2,2,4-Trimethylpentane	47	49.9		ug/m3		107	68 - 131
2-Chlorotoluene	52	51.3		ug/m3		99	74 - 126
3-Chloropropene	31	23.5		ug/m3		75	50 - 150
4-Ethyltoluene	49	51.2		ug/m3		104	75 - 129
4-Isopropyltoluene	55	55.0		ug/m3		100	68 - 130
Acetone	24	24.6		ug/m3		104	54 - 154
Benzene	32	29.2		ug/m3		91	73 - 119
Benzyl chloride	52	43.5		ug/m3		84	60 - 136
Bromodichloromethane	67	66.0		ug/m3		98	75 - 127
Bromoethene(Vinyl Bromide)	44	44.2		ug/m3		101	75 - 125
Bromoform	100	80.4		ug/m3		78	53 - 149
Bromomethane	39	38.0		ug/m3		98	72 - 124
Carbon disulfide	31	31.8		ug/m3		102	71 - 138
Carbon tetrachloride	63	66.7		ug/m3		106	71 - 133
Chlorobenzene	46	42.9		ug/m3		93	76 - 119
Chloroethane	26	26.1		ug/m3		99	68 - 130
Chloroform	49	44.6		ug/m3		91	73 - 124
Chloromethane	21	20.8		ug/m3		101	56 - 141
cis-1,2-Dichloroethene	40	36.2		ug/m3		91	72 - 121
cis-1,3-Dichloropropene	45	43.6		ug/m3		96	74 - 125
Cumene	49	48.9		ug/m3		99	73 - 123
Cyclohexane	34	35.0		ug/m3		102	76 - 124
Dibromochloromethane	85	75.4		ug/m3		89	73 - 125
Dichlorodifluoromethane	49	50.1		ug/m3		101	61 - 142
Ethylbenzene	43	42.0		ug/m3		97	74 - 122
Freon 22	35	37.5		ug/m3		106	60 - 147
Freon TF	77	64.8		ug/m3		85	70 - 121
Hexachlorobutadiene	110	92.6		ug/m3		87	58 - 130
Isopropyl alcohol	25	26.9		ug/m3		109	53 - 142
m,p-Xylene	87	86.7		ug/m3		100	76 - 121
Methyl Butyl Ketone (2-Hexanone)	41	45.6		ug/m3		111	57 - 143
Methyl Ethyl Ketone	29	28.2		ug/m3		96	72 - 124
methyl isobutyl ketone	41	51.0		ug/m3		125	58 - 144
Methyl methacrylate	41	50.9		ug/m3		124	73 - 129
Methyl tert-butyl ether	36	35.7		ug/m3		99	70 - 127
Methylene Chloride	35	31.2		ug/m3		90	59 - 137
Naphthalene	52	46.5		ug/m3		89	50 - 150
n-Butane	24	25.2		ug/m3		106	53 - 151
n-Butylbenzene	55	54.0		ug/m3		98	65 - 137
n-Heptane	41	43.8		ug/m3		107	60 - 142
n-Hexane	35	34.9		ug/m3		99	63 - 138
n-Propylbenzene	49	49.9		ug/m3		101	73 - 127
sec-Butylbenzene	55	54.0		ug/m3		98	70 - 128
Styrene	43	41.3		ug/m3		97	74 - 125

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-144590/5
Matrix: Air
Analysis Batch: 144590

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
tert-Butyl alcohol	30	34.8		ug/m3		115	66 - 132
tert-Butylbenzene	55	54.5		ug/m3		99	71 - 125
Tetrachloroethene	68	64.0		ug/m3		94	70 - 125
Tetrahydrofuran	29	37.2		ug/m3		126	60 - 149
Toluene	38	35.5		ug/m3		94	75 - 122
trans-1,2-Dichloroethene	40	38.7		ug/m3		98	69 - 137
trans-1,3-Dichloropropene	45	48.0		ug/m3		106	74 - 128
Trichloroethene	54	57.1		ug/m3		106	73 - 122
Trichlorofluoromethane	56	55.2		ug/m3		98	70 - 129
Vinyl chloride	26	25.4		ug/m3		99	61 - 135
Xylene, o-	43	45.0		ug/m3		104	73 - 123

QC Association Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 200-49239-1

Air - GC/MS VOA

Analysis Batch: 144590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-49239-1	V-3	Total/NA	Air	TO-15	
200-49239-2	V-11	Total/NA	Air	TO-15	
200-49239-3	V-9	Total/NA	Air	TO-15	
MB 200-144590/6	Method Blank	Total/NA	Air	TO-15	
LCS 200-144590/5	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 200-49239-1

Client Sample ID: V-3
Date Collected: 06/17/19 12:42
Date Received: 06/18/19 10:18

Lab Sample ID: 200-49239-1
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		150	144590	06/29/19 06:23	VTP	TAL BUR

Client Sample ID: V-11
Date Collected: 06/17/19 12:50
Date Received: 06/18/19 10:18

Lab Sample ID: 200-49239-2
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		100	144590	06/29/19 07:14	VTP	TAL BUR

Client Sample ID: V-9
Date Collected: 06/17/19 13:00
Date Received: 06/18/19 10:18

Lab Sample ID: 200-49239-3
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		80	144590	06/29/19 08:05	VTP	TAL BUR

Laboratory References:

TAL BUR = Eurofins TestAmerica, Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 200-49239-1

Laboratory: Eurofins TestAmerica, Burlington

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
ANAB	Dept. of Defense ELAP		L2336	02-25-20
ANAB	DoD		L2336	02-25-20
Connecticut	State Program	1	PH-0751	09-30-19
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	NA	02-01-20
Florida	NELAP	4	E87467	06-30-19 *
Minnesota	NELAP	5	050-999-436	12-31-19
New Hampshire	NELAP	1	2006	12-18-19
New Jersey	NELAP	2	VT972	06-30-19 *
New York	NELAP	2	10391	04-01-20
Pennsylvania	NELAP	3	68-00489	04-30-20
Pennsylvania	NELAP		68-00489	04-30-20
Rhode Island	State Program	1	LAO00298	12-30-19
US Fish & Wildlife	Federal		LE-058448-0	07-31-19
USDA	Federal		P330-11-00093	07-24-20
Vermont	State Program	1	VT-4000	12-31-19
Virginia	NELAP	3	460209	12-14-19

Laboratory: Eurofins TestAmerica, Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-20

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 200-49239-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	TAL BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL BUR = Eurofins TestAmerica, Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 200-49239-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
200-49239-1	V-3	Air	06/17/19 12:42	06/18/19 10:18	Air Canister (6-Liter) #4235
200-49239-2	V-11	Air	06/17/19 12:50	06/18/19 10:18	Air Canister (6-Liter) #4283
200-49239-3	V-9	Air	06/17/19 13:00	06/18/19 10:18	Air Canister (6-Liter) #3457

Eurofins TestAmerica, Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660.1990 fax 802.660.1919

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.

eurofins | Environment Testing TestAmerica

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact Information	**Client Project Manager:** Arlette Johnson	**Samples Collected By:** Tim Knollmeyer
Company Name: Town of Dewitt	**Phone:**	
Address:	**Email:**	
City/State/Zip		
Phone:	**Site Contact:**	
FAX:	**Tel/Fax**	
Project Name: Dewitt LF	**Analysis Turnaround Time**	
Site/Location:	**Standard (Specific):**	
P O #	**Rush (Specifiy):**	

COC No: _____ of _____ COCs

For Lab Use Only:
Walk-in Client:
Lab Sampling:

Job / SDG No.:

(See below for Add'l Items)

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14/15 (Standard / Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	*Sample Type*	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
V-3	6-17-19	1242							X														
V-11	6-17-19	1250							X														
V-9	6-17-19	1300							X														

Syracuse #225

TDLC

6-17-19

Temperature (Fahrenheit)			
Start	Interior	Ambient	
Stop			

Pressure (inches of Hg)			
Start	Interior	Ambient	
Stop			

200-49239 COC

Special Instructions/QC Requirements & Comments:

Samples Shipped by: Tim Knollmeyer	**Date / Time:** 6-17-19 1400	**Samples Received by:** Taylor Feldman TABurl 6/18/19 1018
Samples Relinquished by:	**Date / Time:**	**Received by:**
Relinquished by:	**Date / Time:**	**Received by:**
Lab Use Only: **Shipper Name:**	**Opened by:**	**Condition:**

FROM: (315) 431-0171
SYR SERVICE CENTER
EUROFINS TESTAMERICA
118 BOSS RD

SYRACUSE NY 13211
US

SHIP DATE: 17JUN19
ACTWGT: 23.00 LB MAN
CAD: 251798/CAFE3211

BILL RECIPIENT

551C1/D210/104C

TO SAMPLE RECEIVING
TESTAMERICA BURLINGTON
30 COMMUNITY DRIVE SUITE 11

SOUTH BURLINGTON VT 05403 (US)
(802) 660-1990
REF: DEWITT LDF 1BOX 4CANS

FedEx Ground

G

J181118060501uv

TRK# 4651 0843 8430

05403

9622 0422 1 (000 000 0000) 0 00 4651 0843 8430

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

Login Sample Receipt Checklist

Client: Town of Dewitt

Job Number: 200-49239-1

Login Number: 49239
List Number: 1
Creator: Lavigne, Scott M

List Source: Eurofins TestAmerica, Burlington

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	NA: Lab does not accept radioactive samples
The cooler's custody seal, if present, is intact.	True	No: Not present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	No: Thermal preservation not required
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	N/A	No: Thermal preservation not required
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Bottom Rack	135	25	5/21/2019	1615	21	21	SML	6 liter	batch

						Initial Reading					Final Reading				
Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Gauge:	Date:	Time:	Tech:	Temp:	Gauge:	Date:	Time:	Tech:	Temp:
1	4283	-.01	-.01	.00	29.7	G26	5/22/19	1145	SML	20.0	G26	6/16/19	1036	SCH	21
2	4567	.01	-.01	.00	29.7	G26	~~6/16/19~~ 5/22/19	1209	SCH	21	G26	6/16/19	1313	SCH	21
3	4235	-.01	-.01	.00	29.7	G26	5/22/19 SH	1145	SML	20.0	G26	6/16/19	1036	SCH	21
4	3429		-.01	.00		G26					G26				
5	5963		-.03	-.02		G26					G26				
6	5460		-.01	.00		G26					G26				
7	2905		-.01	.00		G26					G26				
~~8~~	~~5017~~					G26					G26				
9	5442		-.01	.00	29.7	G26					G26				
10	4478		-.01	.00		G26					G26				
11	3457		-.01	.00		G26					G26				
12	3523		-.01	.00		G26					G26				

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐TO15 Routine ☐ TO15 LL

				Inventory Level				Secondary Review		
Can ID	Date	Sequence	Analyst	1	2	3	4	Limited	Review Date	Review
4567	5/28/19	26056	KTS		XXXX				5/29/19	

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

Page 34 of 77

6/30/2019

Form ID: FAI023:12
Revision Date: 12/18/2018

TestAmerica Burlington

200-48859-A-2
4567
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 5/21/2019 12:00 AM 200-1286174

Loc: 200
48859
#2
A

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-48859-1

SDG No.:

Client Sample ID: 4567 Lab Sample ID: 200-48859-2

Matrix: Air Lab File ID: 36056-07.D

Analysis Method: TO-15 Date Collected: 05/21/2019 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 05/23/2019 16:59

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 143345 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-48859-1

SDG No.:

Client Sample ID: 4567 Lab Sample ID: 200-48859-2

Matrix: Air Lab File ID: 36056-07.D

Analysis Method: TO-15 Date Collected: 05/21/2019 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 05/23/2019 16:59

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 143345 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-48859-1

SDG No.:

Client Sample ID: 4567 Lab Sample ID: 200-48859-2

Matrix: Air Lab File ID: 36056-07.D

Analysis Method: TO-15 Date Collected: 05/21/2019 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 05/23/2019 16:59

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 143345 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D
Lims ID: 200-48859-A-2
Client ID: 4567
Sample Type: Client
Inject. Date: 23-May-2019 16:59:30 ALS Bottle#: 8 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0036056-007
Misc. Info.: 48859-02
Operator ID: ggg Instrument ID: CHC.i

Method: \\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\TO15_MasterMethod_(v1)_CHC.i.m
Limit Group: AI_TO15_ICAL
Last Update: 24-May-2019 14:13:52 Calib Date: 21-May-2019 07:22:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Burlington\ChromData\CHC.i\20190520-36004.b\36004-12.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX0307

First Level Reviewer: puangmaleek Date: 24-May-2019 14:13:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		2.957				ND	U
2 Dichlorodifluoromethane	85		3.021				ND	
3 Chlorodifluoromethane	51		3.069				ND	U
4 1,2-Dichloro-1,1,2,2-tetra	85		3.277				ND	
5 Chloromethane	50		3.400				ND	U
6 Butane	43		3.602				ND	U
7 Vinyl chloride	62		3.640				ND	U
8 Butadiene	54		3.715				ND	
10 Bromomethane	94		4.366				ND	
11 Chloroethane	64		4.600				ND	
13 Vinyl bromide	106		4.990				ND	
14 Trichlorofluoromethane	101		5.102				ND	
17 Ethanol	45		5.663				ND	U
20 1,1,2-Trichloro-1,2,2-trif	101		6.186				ND	
21 1,1-Dichloroethene	96		6.207				ND	U
22 Acetone	43		6.415				ND	U
23 Carbon disulfide	76		6.586				ND	U
24 Isopropyl alcohol	45		6.741				ND	U
25 3-Chloro-1-propene	41		6.991				ND	U
27 Methylene Chloride	49		7.280				ND	
28 2-Methyl-2-propanol	59		7.514				ND	
29 Methyl tert-butyl ether	73		7.701				ND	U
31 trans-1,2-Dichloroethene	61		7.733				ND	
33 Hexane	57		8.144				ND	U
34 1,1-Dichloroethane	63		8.592				ND	
35 Vinyl acetate	43		8.683				ND	U
37 cis-1,2-Dichloroethene	96		9.708				ND	U
38 2-Butanone (MEK)	72		9.735				ND	
39 Ethyl acetate	88		9.809				ND	
* 40 Chlorobromomethane	128	10.156	10.162	-0.006	78	410741	10.0	
41 Tetrahydrofuran	42		10.172				ND	U

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
S 30 1,2-Dichloroethene, Total	61		10.200				ND	
42 Chloroform	83		10.311				ND	
43 Cyclohexane	84		10.567				ND	
44 1,1,1-Trichloroethane	97		10.583				ND	U
45 Carbon tetrachloride	117		10.839				ND	
47 Benzene	78		11.288				ND	U
46 Isooctane	57		11.304				ND	
48 1,2-Dichloroethane	62		11.458				ND	
49 n-Heptane	43		11.704				ND	U
* 50 1,4-Difluorobenzene	114	12.142	12.142	0.000	92	2630454	10.0	
53 Trichloroethene	95		12.617				ND	
54 1,2-Dichloropropane	63		13.150				ND	
55 Methyl methacrylate	69		13.342				ND	
56 1,4-Dioxane	88		13.380				ND	
57 Dibromomethane	174		13.406				ND	U
58 Dichlorobromomethane	83		13.721				ND	
60 cis-1,3-Dichloropropene	75		14.671				ND	
61 4-Methyl-2-pentanone (MIBK	43		14.959				ND	U
65 Toluene	92		15.274				ND	
66 trans-1,3-Dichloropropene	75		15.872				ND	
67 1,1,2-Trichloroethane	83		16.240				ND	
68 Tetrachloroethene	166		16.379				ND	
69 2-Hexanone	43		16.694				ND	U
71 Chlorodibromomethane	129		17.009				ND	
72 Ethylene Dibromide	107		17.265				ND	
* 74 Chlorobenzene-d5	117	18.178	18.178	0.000	84	2113927	10.0	
75 Chlorobenzene	112		18.236				ND	
76 Ethylbenzene	91		18.396				ND	U
78 m-Xylene & p-Xylene	106		18.647				ND	
79 o-Xylene	106		19.485				ND	
80 Styrene	104		19.533				ND	
81 Bromoform	173		19.965				ND	
S 73 Xylenes, Total	106		20.100				ND	
82 Isopropylbenzene	105		20.206				ND	U
84 1,1,2,2-Tetrachloroethane	83		20.873				ND	U
85 N-Propylbenzene	91		20.953				ND	U
88 4-Ethyltoluene	105		21.150				ND	
89 2-Chlorotoluene	91		21.150				ND	U
90 1,3,5-Trimethylbenzene	105		21.262				ND	
92 tert-Butylbenzene	119		21.759				ND	
93 1,2,4-Trimethylbenzene	105		21.860				ND	U
94 sec-Butylbenzene	105		22.095				ND	U
95 4-Isopropyltoluene	119		22.303				ND	U
96 1,3-Dichlorobenzene	146		22.324				ND	U
97 1,4-Dichlorobenzene	146		22.463				ND	U
98 Benzyl chloride	91		22.650				ND	U
100 n-Butylbenzene	91		22.874				ND	U
101 1,2-Dichlorobenzene	146		22.981				ND	U
103 1,2,4-Trichlorobenzene	180		25.372				ND	U
104 Hexachlorobutadiene	225		25.569				ND	
105 Naphthalene	128		25.831				ND	U

QC Flag Legend

Review Flags

U - Marked Undetected

Reagents:

ATTO15CISs_00010 Amount Added: 20.00 Units: mL Run Reagent

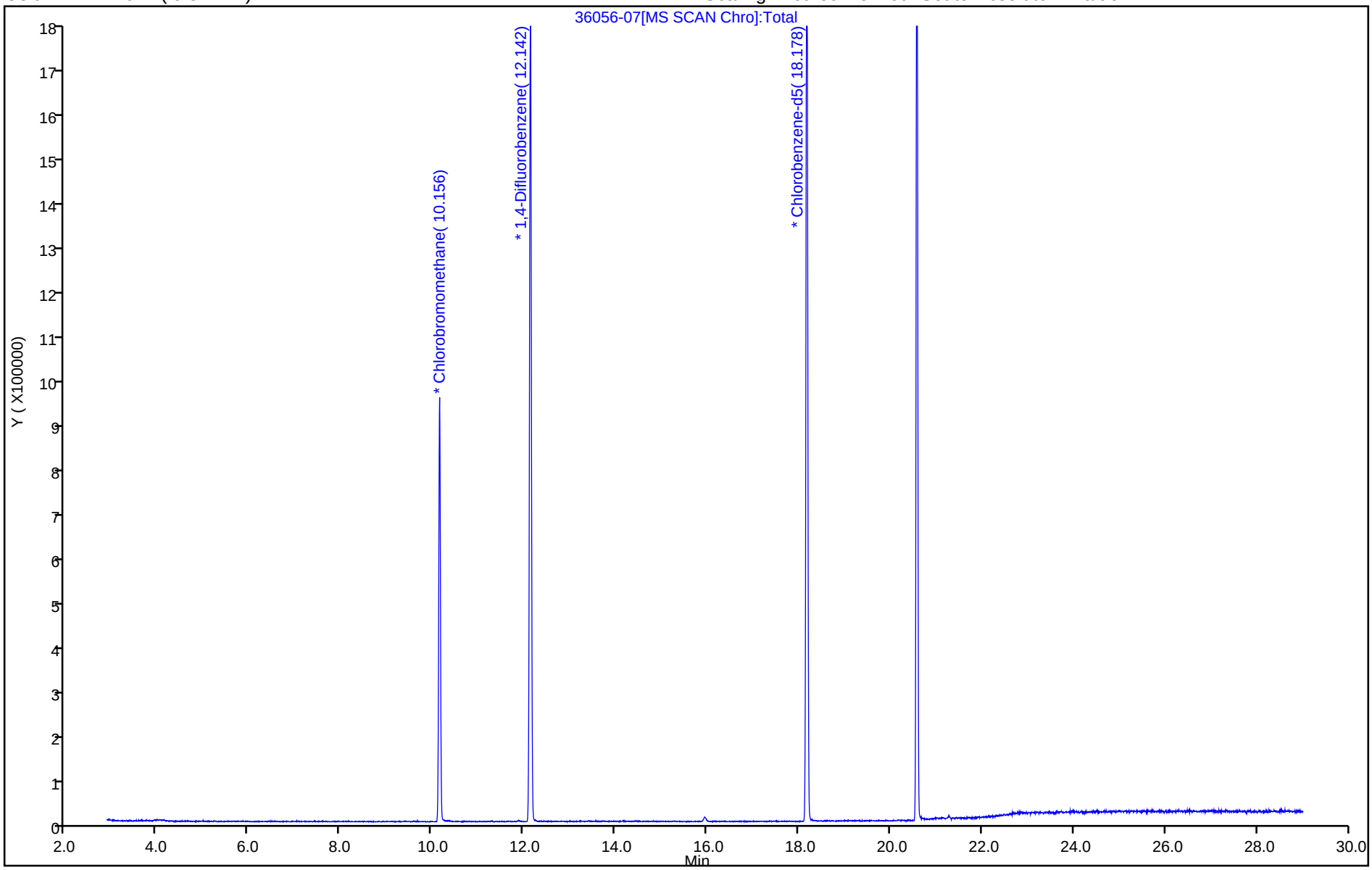
Report Date: 24-May-2019 14:13:52 Chrom Revision: 2.3 03-May-2019 15:52:00

Eurofins TestAmerica, Burlington

Data File: \\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D

Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i	Operator ID:	ggg
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2	Worklist Smp#:	7
Client ID:	4567				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	8
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Set to Absolute Y Value



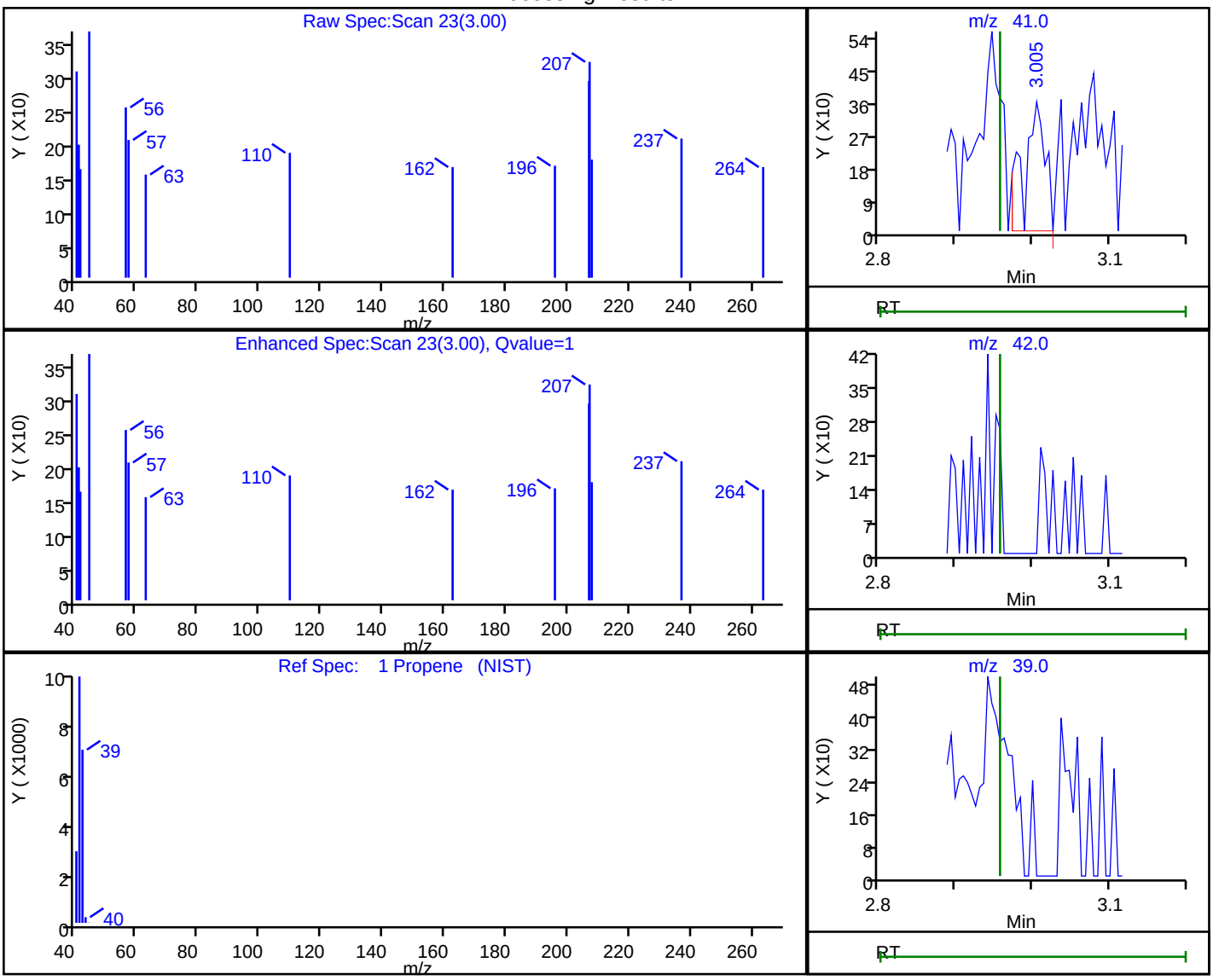
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

1 Propene, CAS: 115-07-1

Processing Results



RT	Mass	Response	Amount
3.00	41.00	691	0.048614
2.96	42.00	0	
2.96	39.00	0	

Reviewer: puangmaleek, 24-May-2019 14:12:45

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

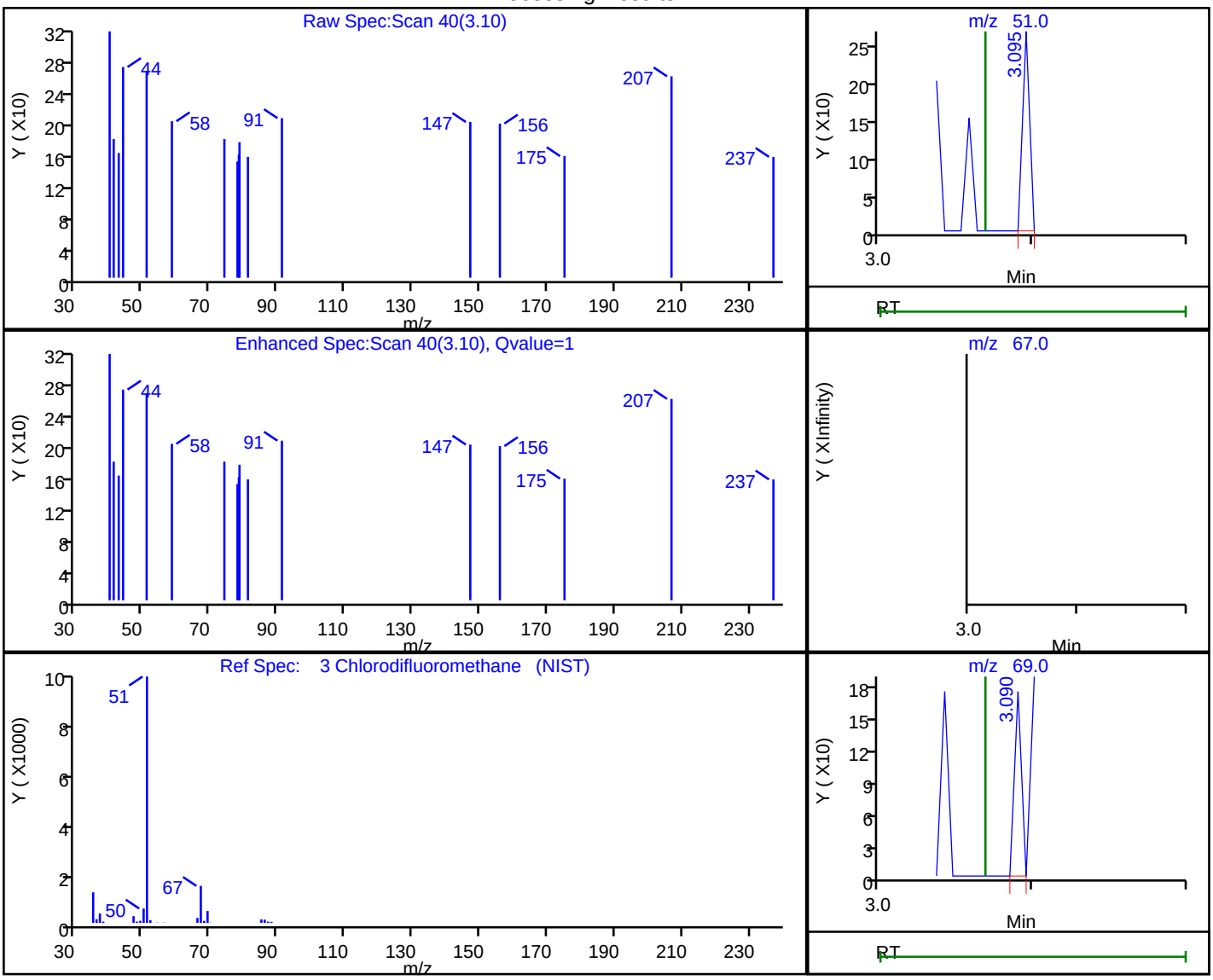
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
3.10	51.00	85	0.003046
3.09	69.00	55	
3.07	67.00	0	

Reviewer: puangmaleek, 24-May-2019 14:12:46

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

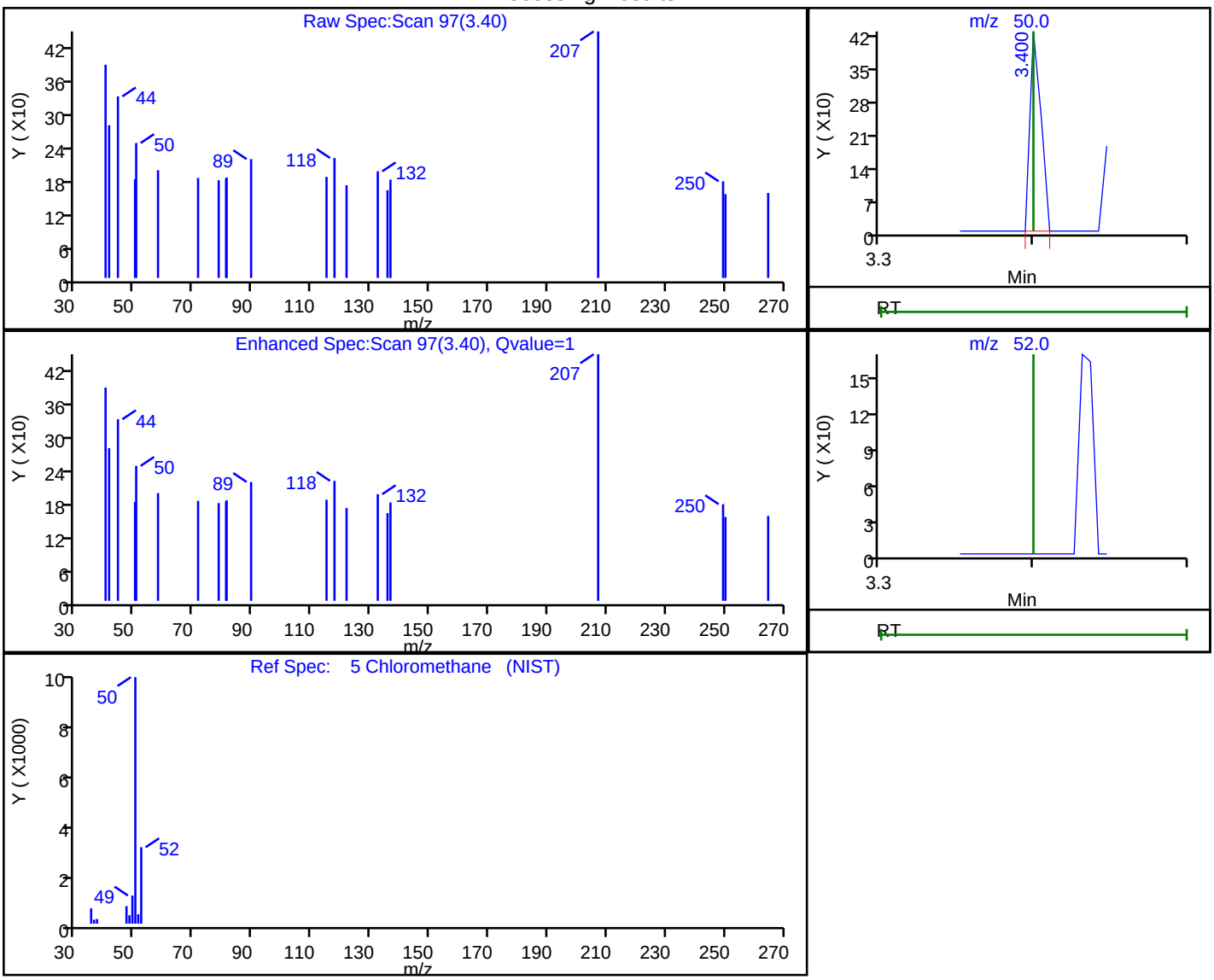
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

5 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
3.40	50.00	210	0.011998
3.40	52.00	0	

Reviewer: puangmaleek, 24-May-2019 14:12:48

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

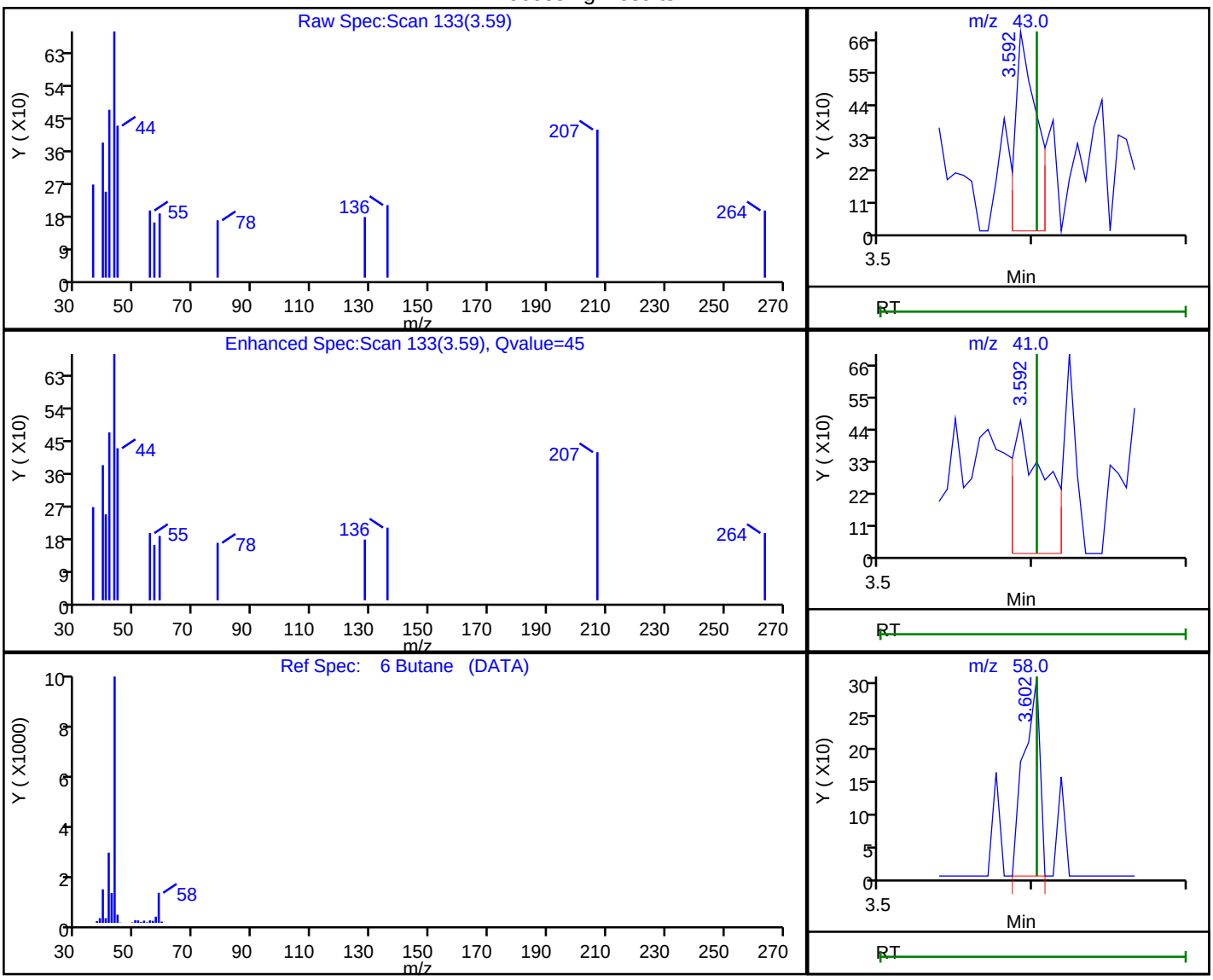
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

6 Butane, CAS: 106-97-8

Processing Results



RT	Mass	Response	Amount
3.59	43.00	665	0.024277
3.59	41.00	693	
3.60	58.00	223	

Reviewer: puangmaleek, 24-May-2019 14:12:48

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

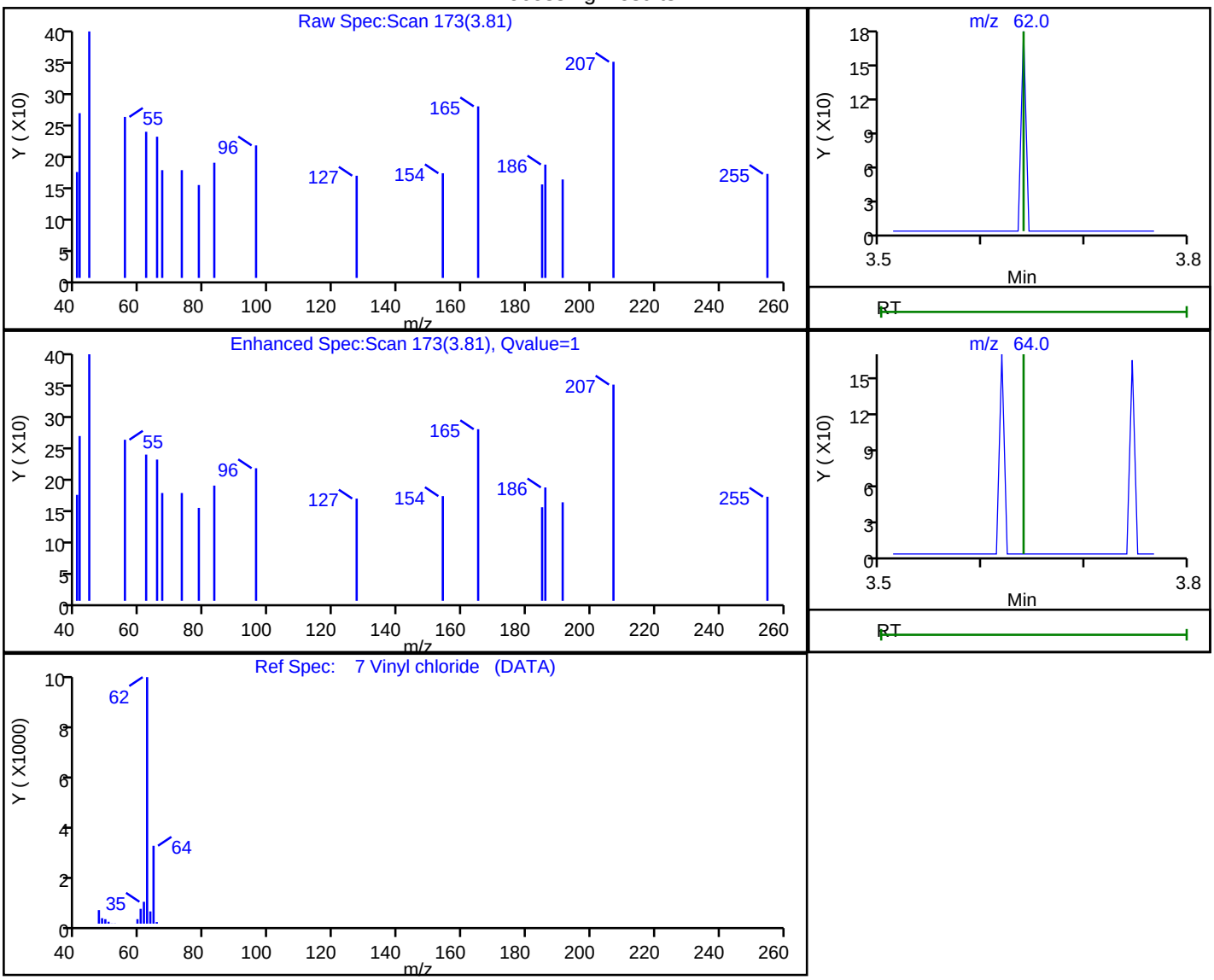
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
3.81	62.00	129	0.005676
3.64	64.00	0	

Reviewer: puangmaleek, 24-May-2019 14:12:49

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

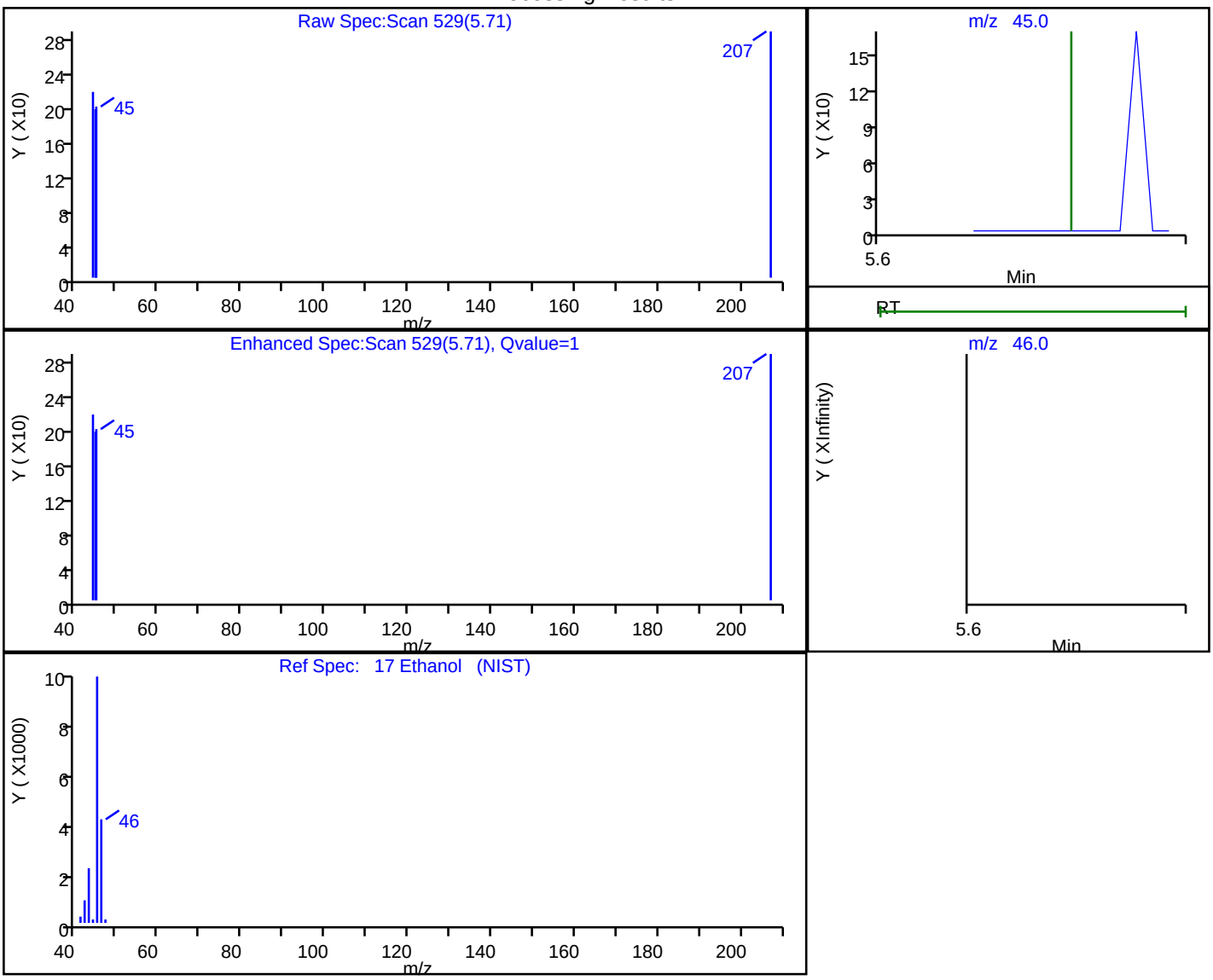
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

17 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
5.71	45.00	63	0.009643
5.66	46.00	0	

Reviewer: puangmaleek, 24-May-2019 14:12:52

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

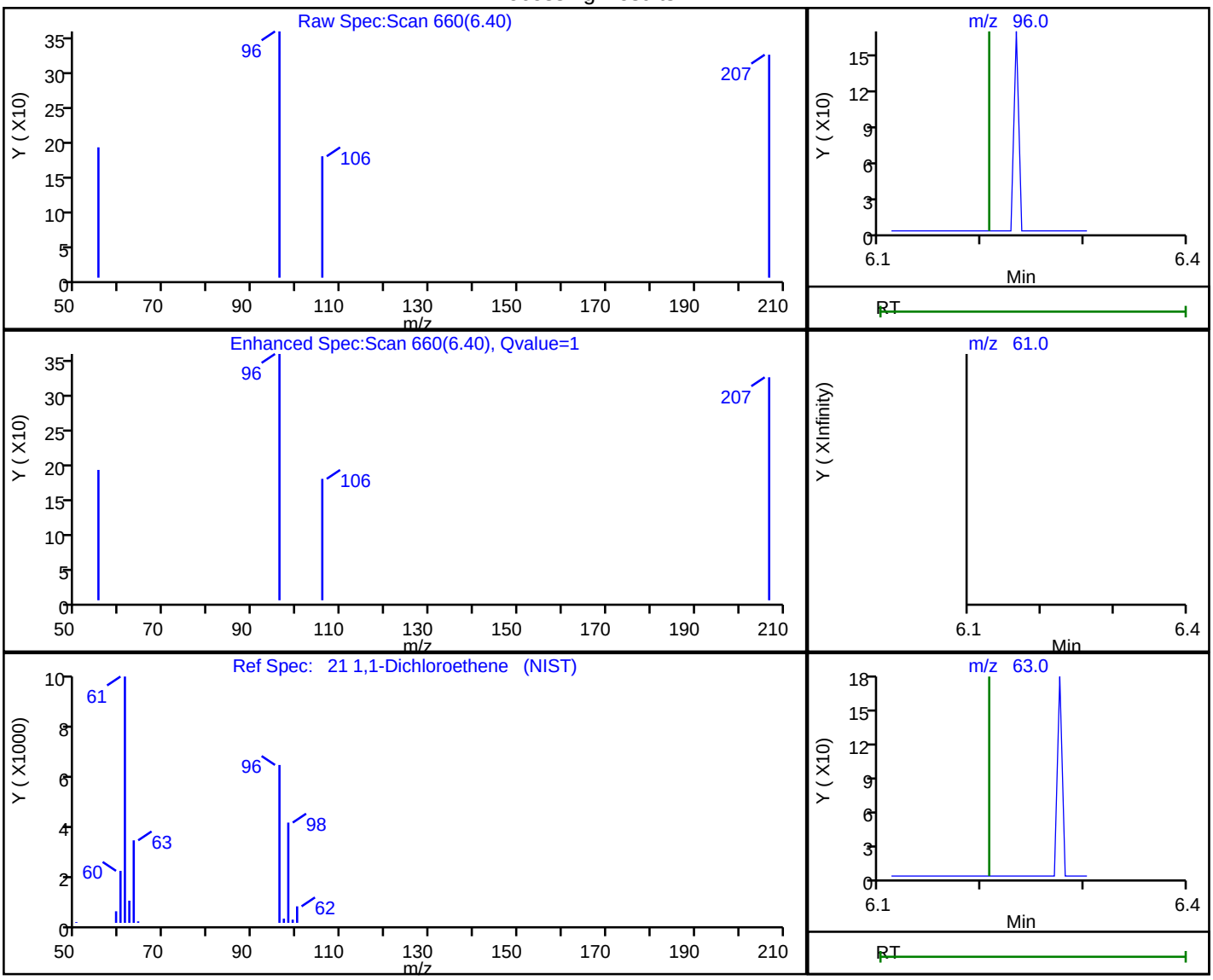
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

21 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
6.40	96.00	169	0.006503
6.21	61.00	0	
6.21	63.00	0	

Reviewer: puangmaleek, 24-May-2019 14:12:53

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

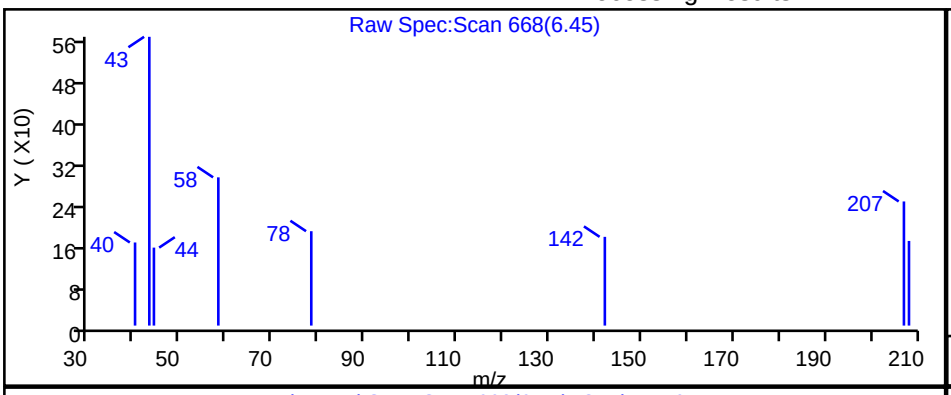
User Disabled Compound Report

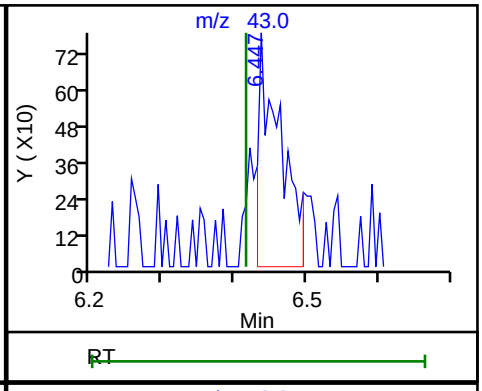
Eurofins TestAmerica, Burlington

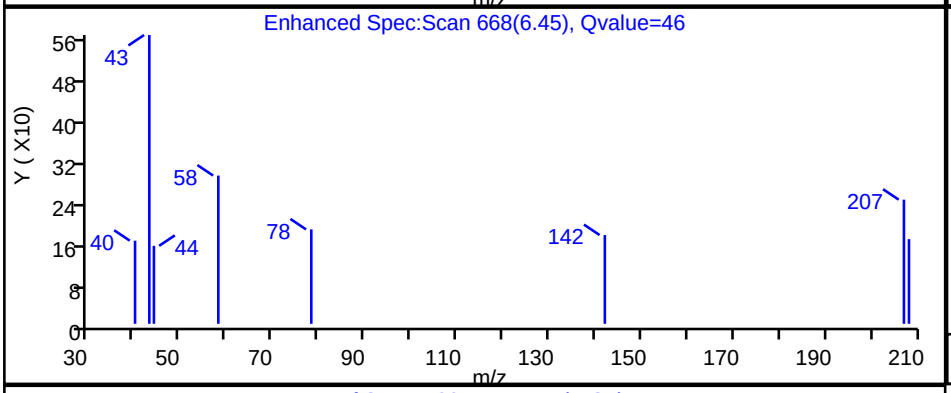
Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

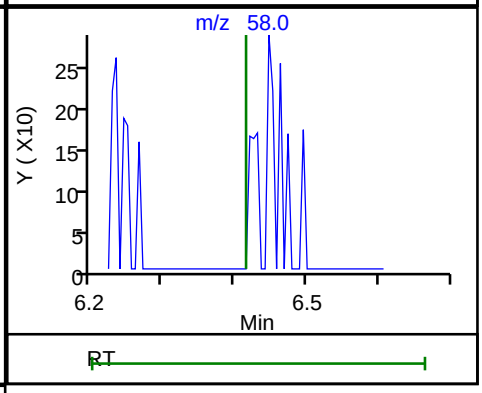
22 Acetone, CAS: 67-64-1

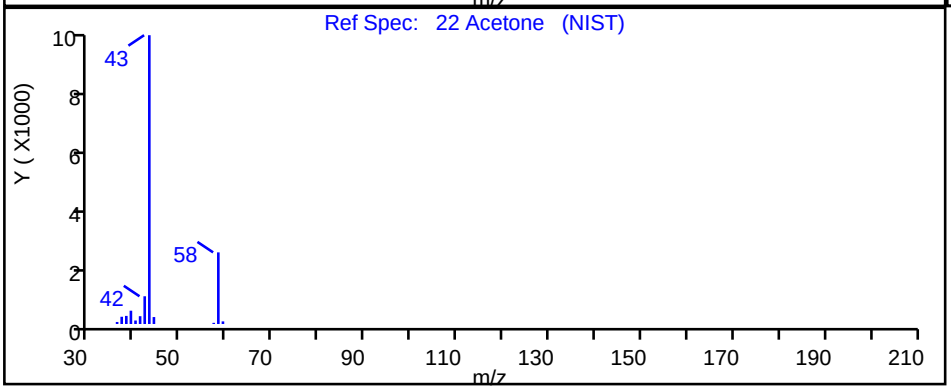
Processing Results











RT	Mass	Response	Amount
6.45	43.00	1683	0.060010
6.42	58.00	0	

Reviewer: puangmaleek, 24-May-2019 14:12:54

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

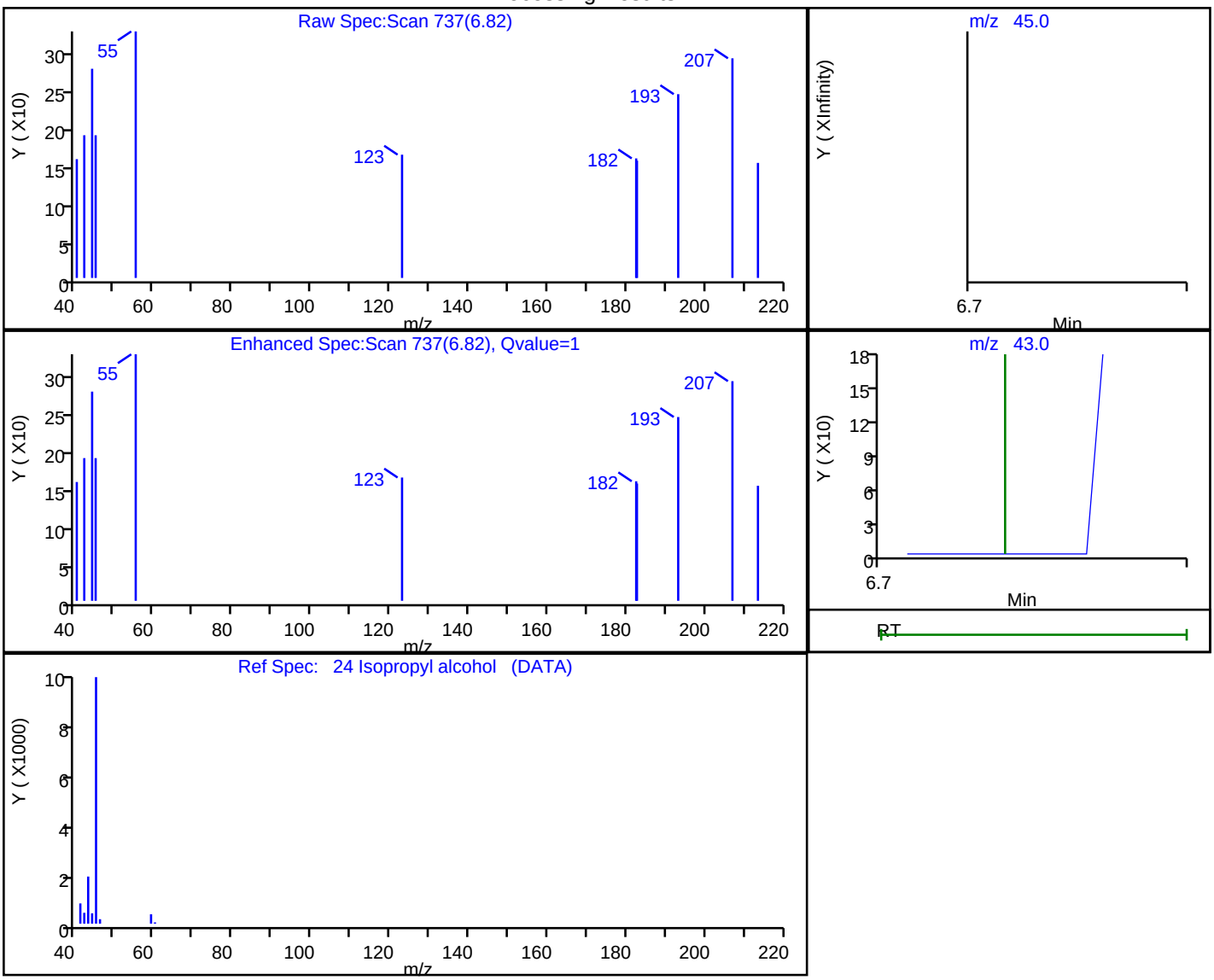
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

24 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
6.82	45.00	61	0.002176
6.74	43.00	0	

Reviewer: puangmaleek, 24-May-2019 14:12:56

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

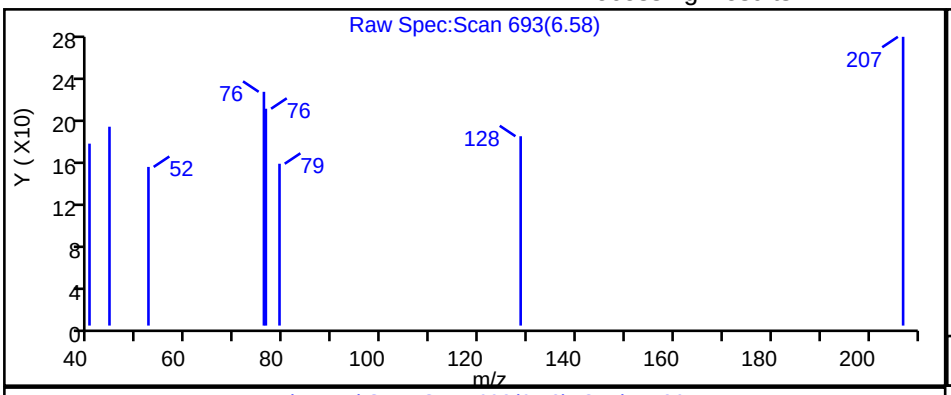
User Disabled Compound Report

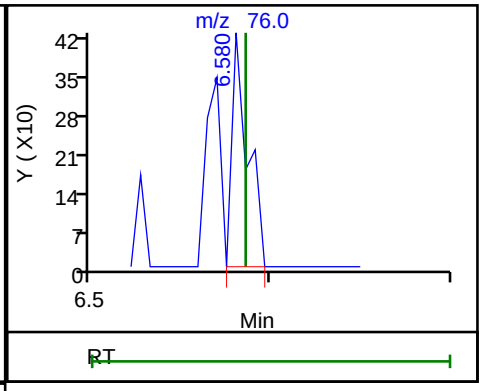
Eurofins TestAmerica, Burlington

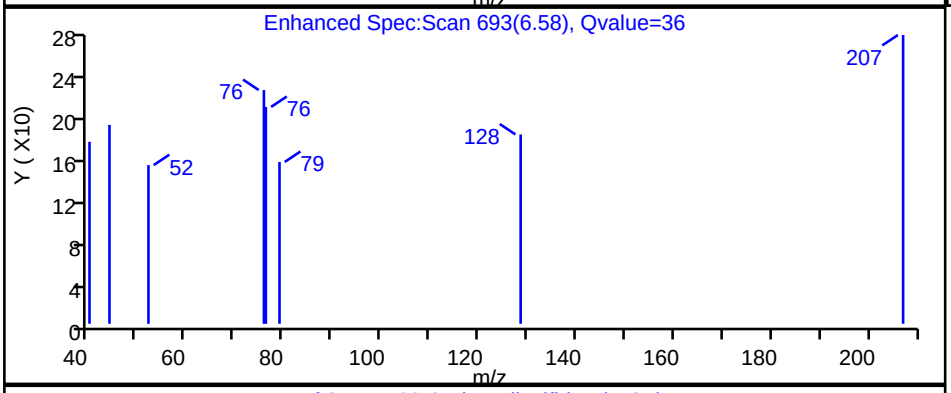
Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

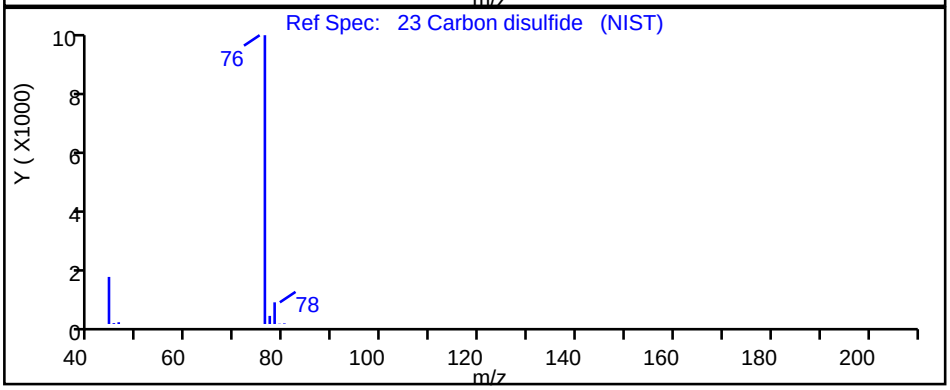
23 Carbon disulfide, CAS: 75-15-0

Processing Results









RT	Mass	Response	Amount
6.58	76.00	261	0.003871

Reviewer: puangmaleek, 24-May-2019 14:12:55

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

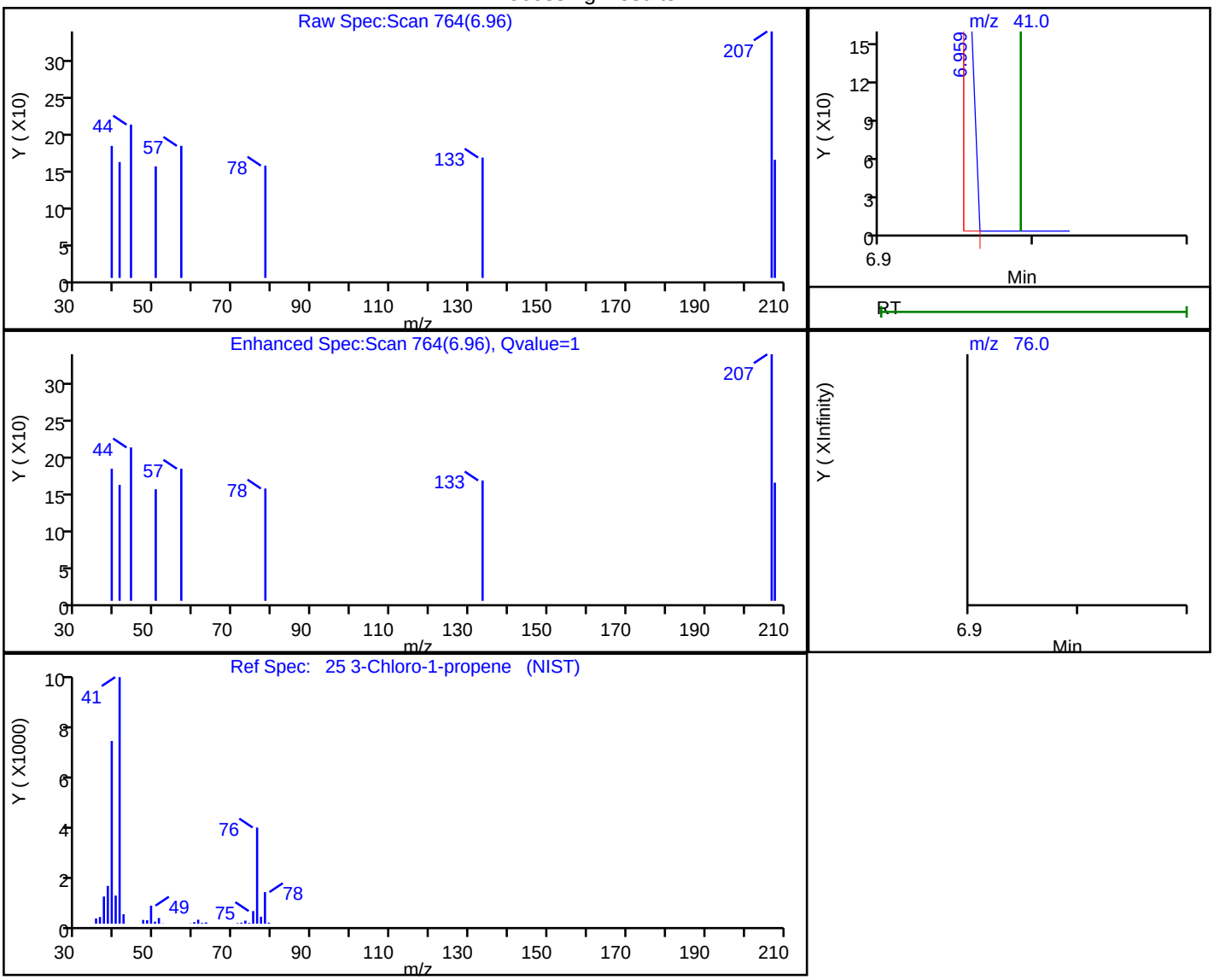
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

25 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
6.96	41.00	51	0.002281
6.99	76.00	0	

Reviewer: puangmaleek, 24-May-2019 14:12:57

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

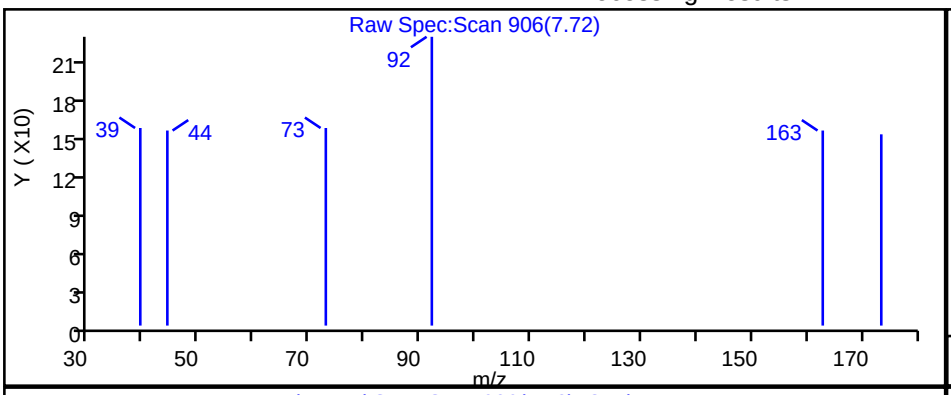
User Disabled Compound Report

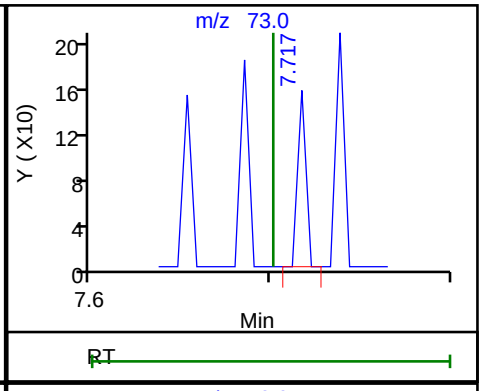
Eurofins TestAmerica, Burlington

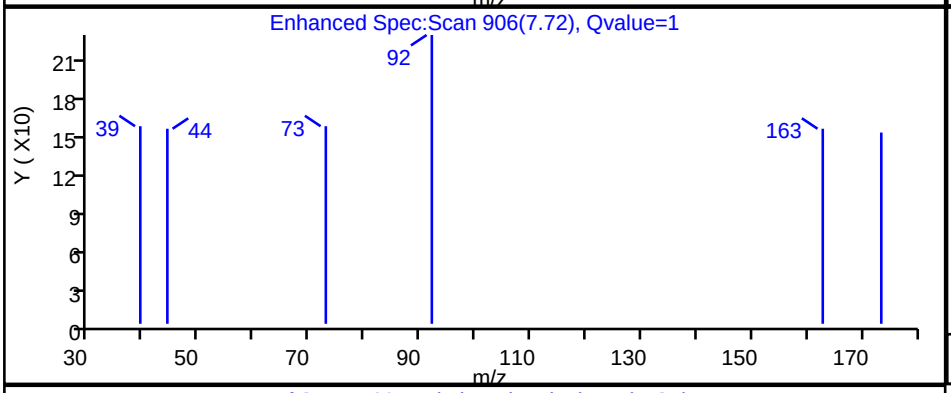
Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

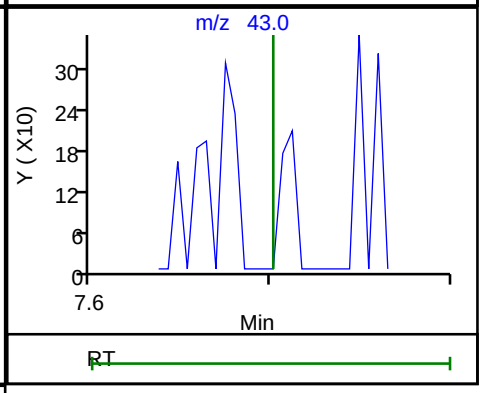
29 Methyl tert-butyl ether, CAS: 1634-04-4

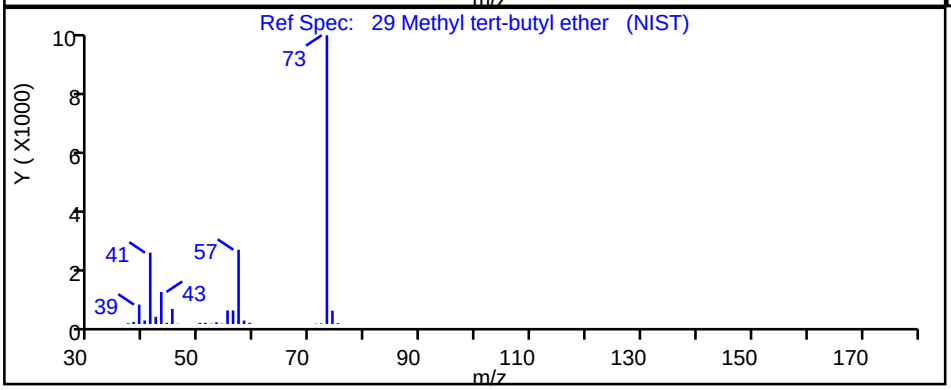
Processing Results











RT	Mass	Response	Amount
7.72	73.00	50	0.000774
7.70	43.00	0	

Reviewer: puangmaleek, 24-May-2019 14:12:58

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

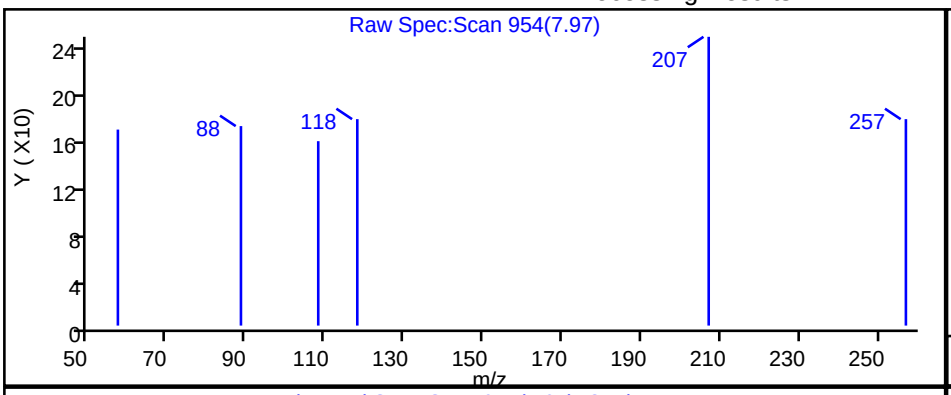
User Disabled Compound Report

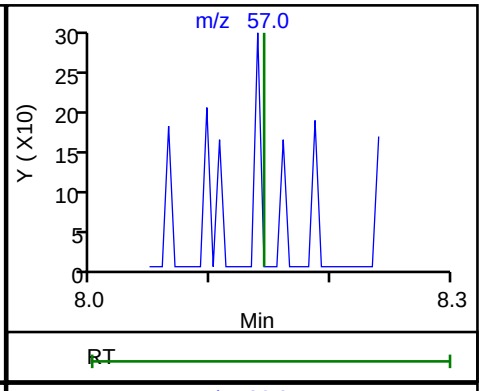
Eurofins TestAmerica, Burlington

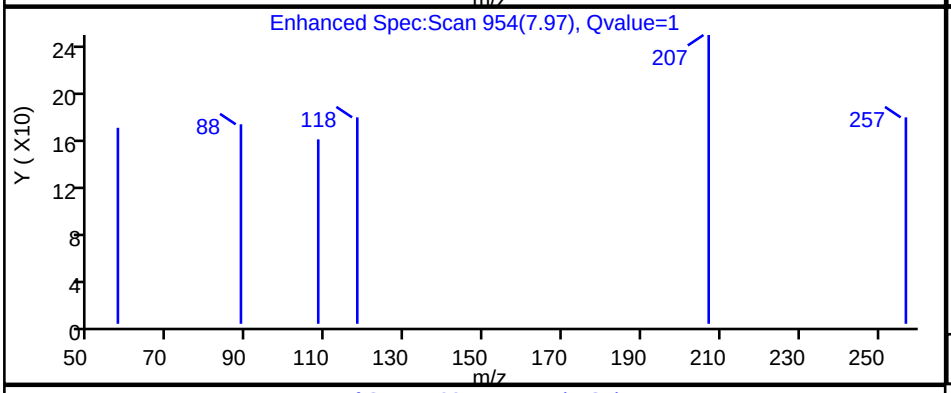
Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

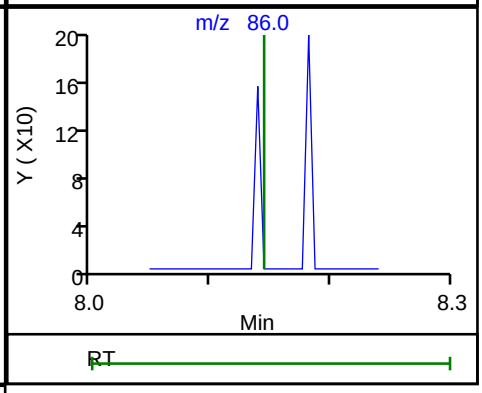
33 Hexane, CAS: 110-54-3

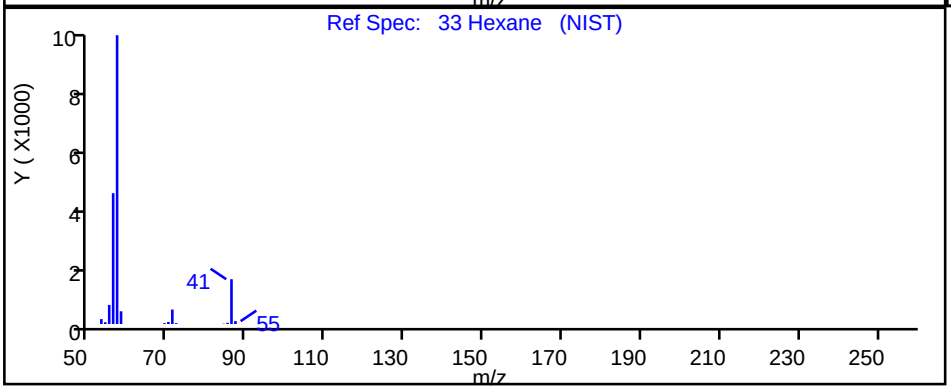
Processing Results











RT	Mass	Response	Amount
7.97	57.00	106	0.003287
8.14	86.00	0	

Reviewer: puangmaleek, 24-May-2019 14:12:59

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

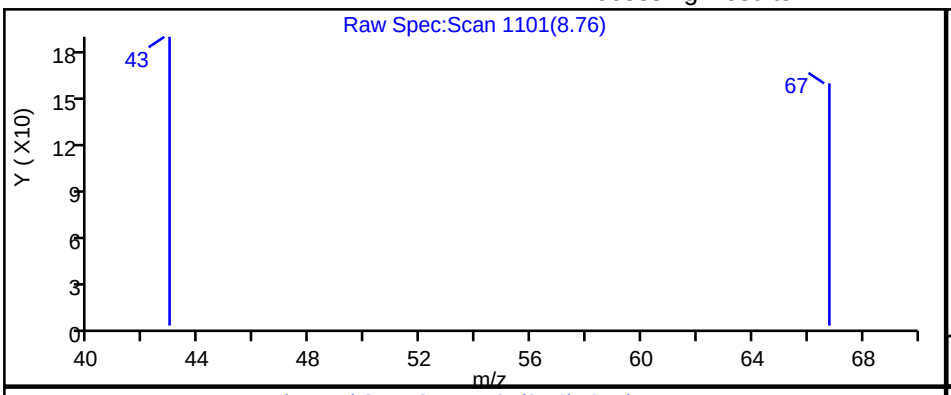
User Disabled Compound Report

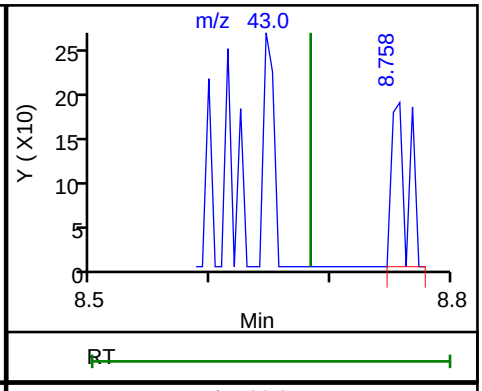
Eurofins TestAmerica, Burlington

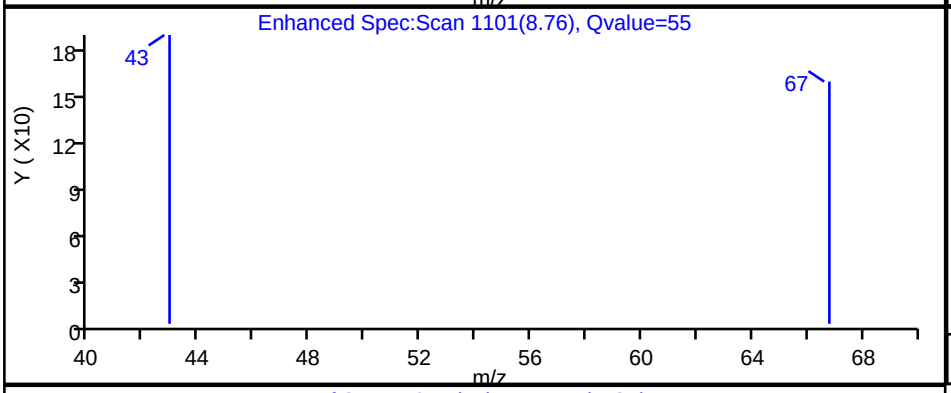
Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

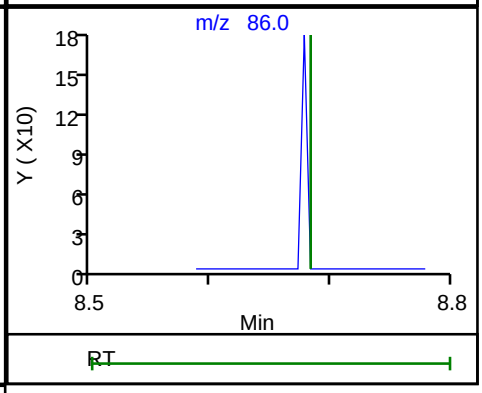
35 Vinyl acetate, CAS: 108-05-4

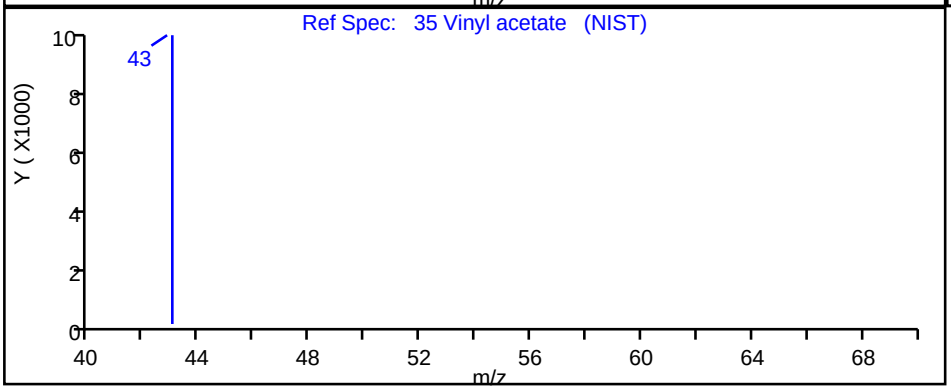
Processing Results











RT	Mass	Response	Amount
8.76	43.00	174	0.003837
8.68	86.00	0	

Reviewer: puangmaleek, 24-May-2019 14:13:01

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

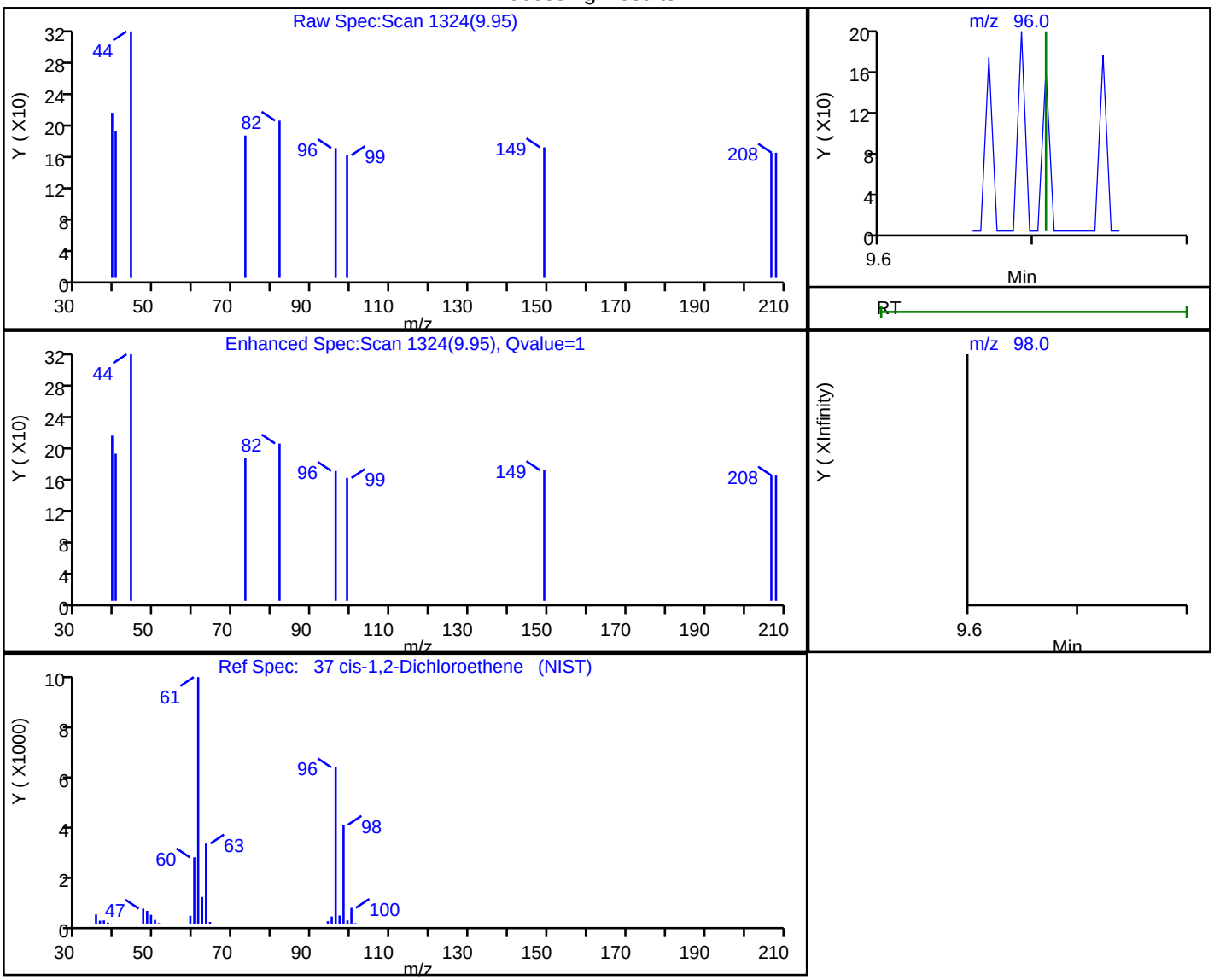
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

37 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results



RT	Mass	Response	Amount
9.95	96.00	104	0.003442
9.71	98.00	0	

Reviewer: puangmaleek, 24-May-2019 14:13:02

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

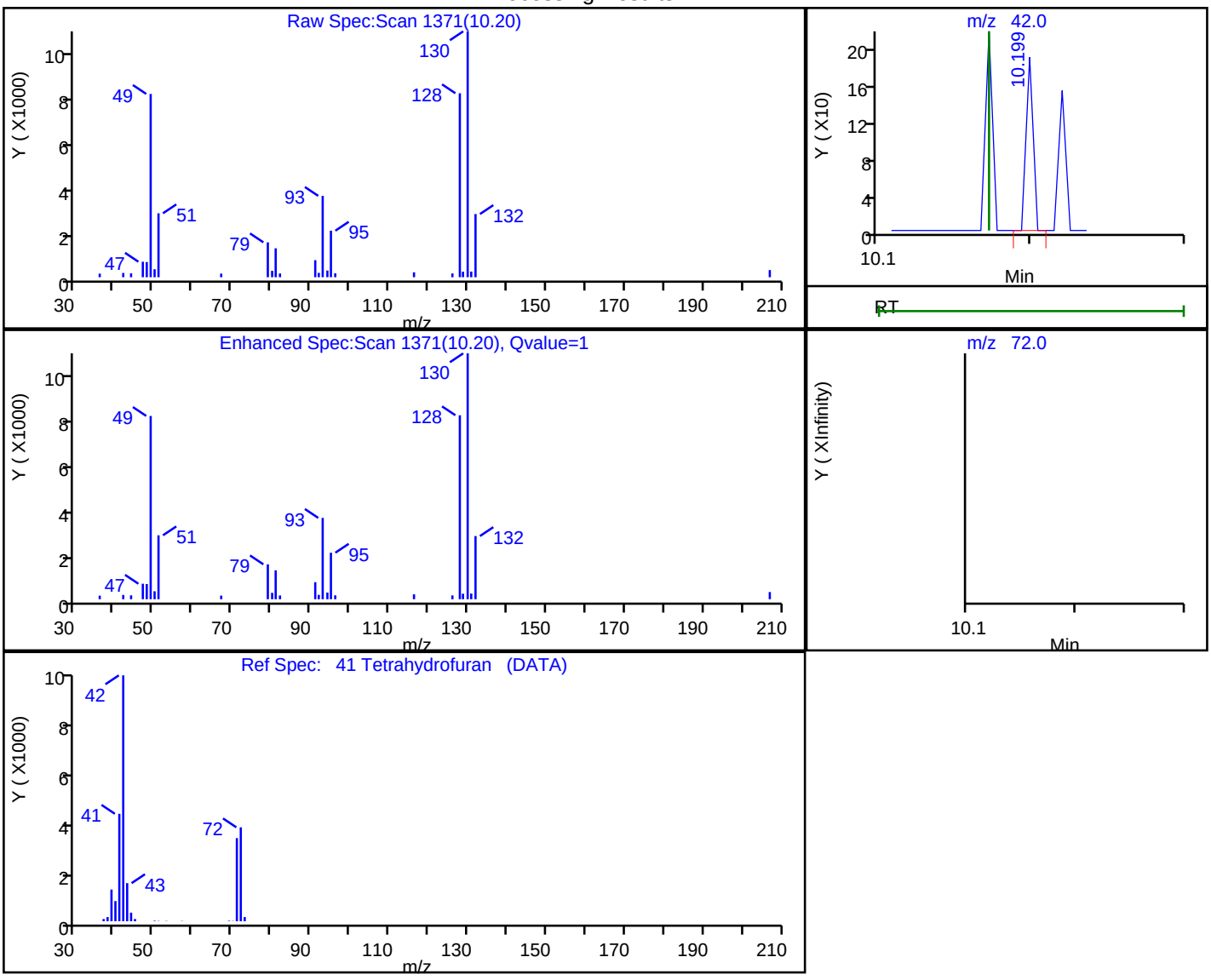
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

41 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
10.20	42.00	60	0.002321
10.17	72.00	0	

Reviewer: puangmaleek, 24-May-2019 14:13:04

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

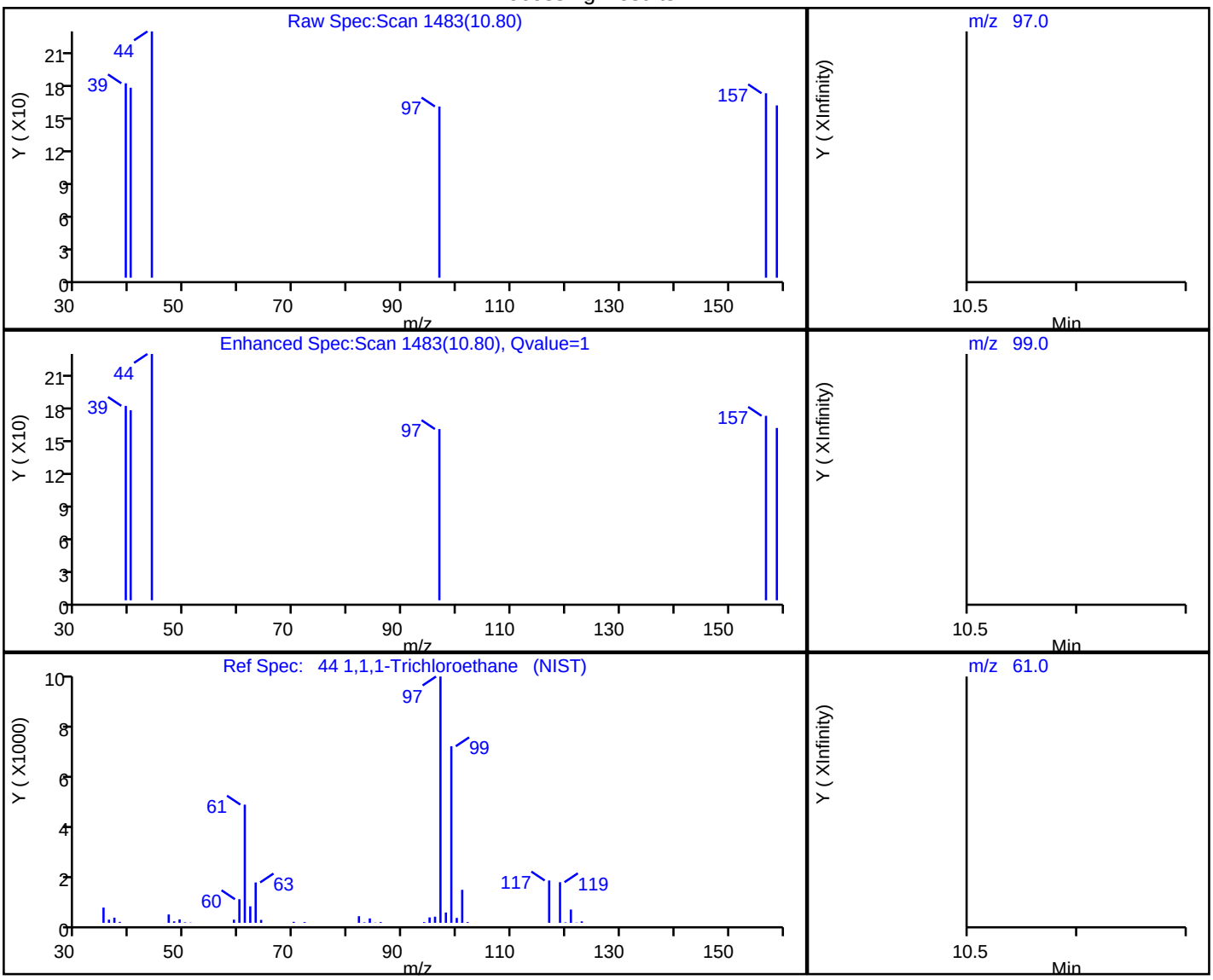
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

44 1,1,1-Trichloroethane, CAS: 71-55-6

Processing Results



RT	Mass	Response	Amount
10.80	97.00	50	0.000761
10.58	99.00	0	
10.58	61.00	0	

Reviewer: puangmaleek, 24-May-2019 14:13:07

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

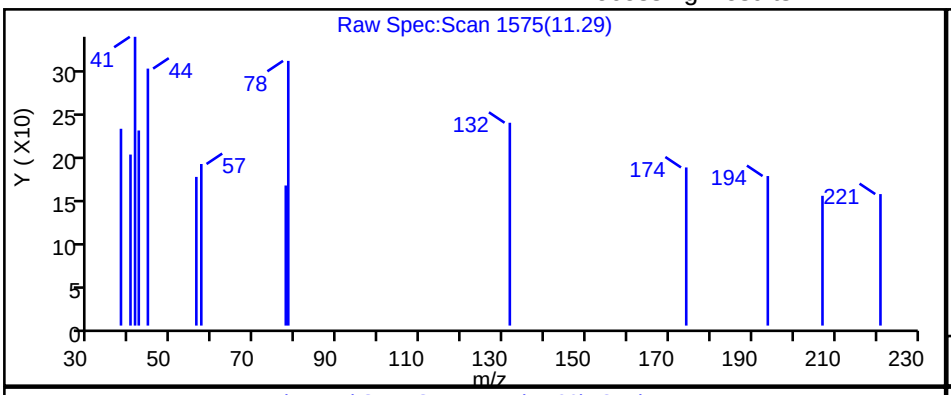
User Disabled Compound Report

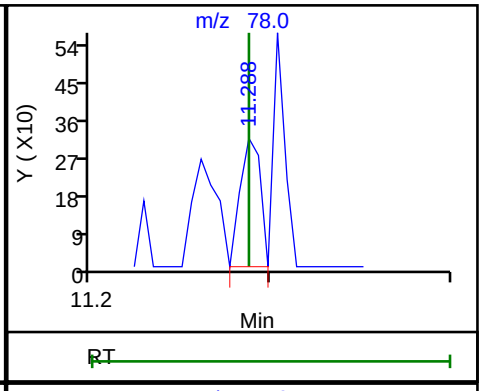
Eurofins TestAmerica, Burlington

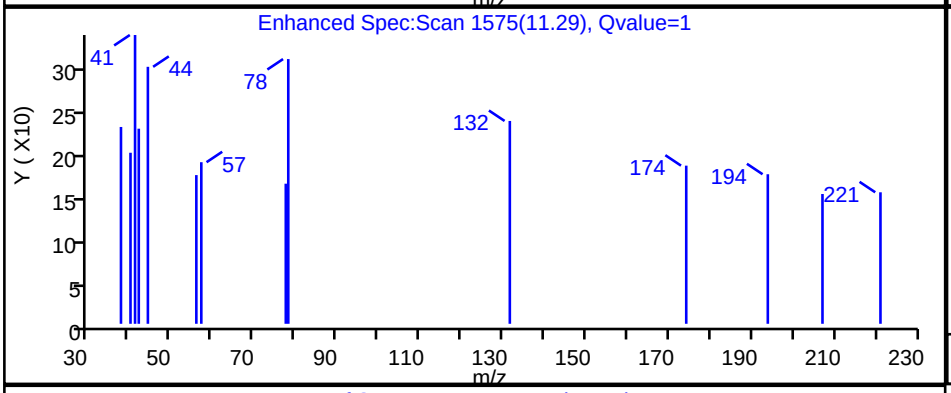
Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

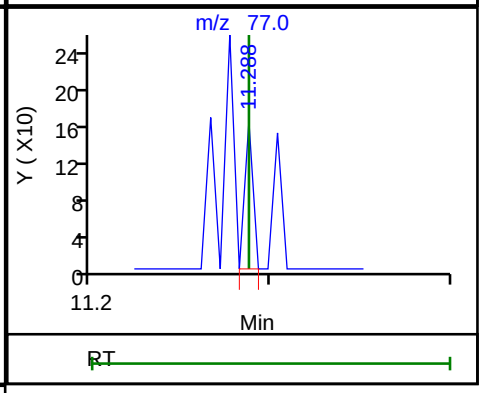
47 Benzene, CAS: 71-43-2

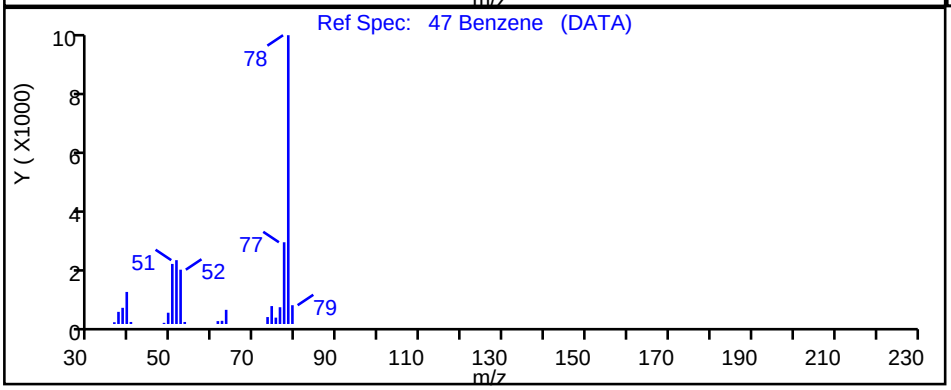
Processing Results











RT	Mass	Response	Amount
11.29	78.00	241	0.002136
11.29	77.00	52	

Reviewer: puangmaleek, 24-May-2019 14:13:09

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

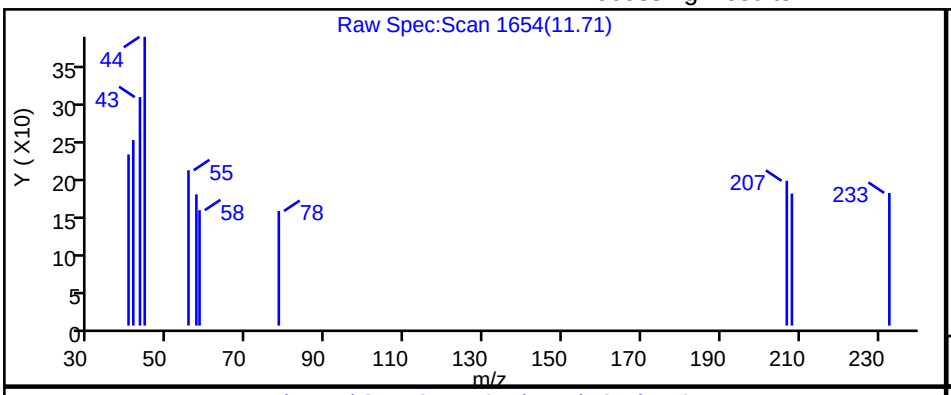
User Disabled Compound Report

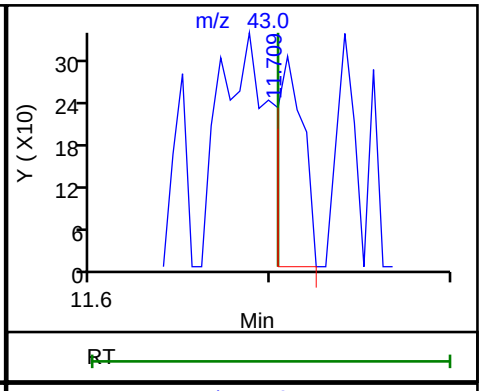
Eurofins TestAmerica, Burlington

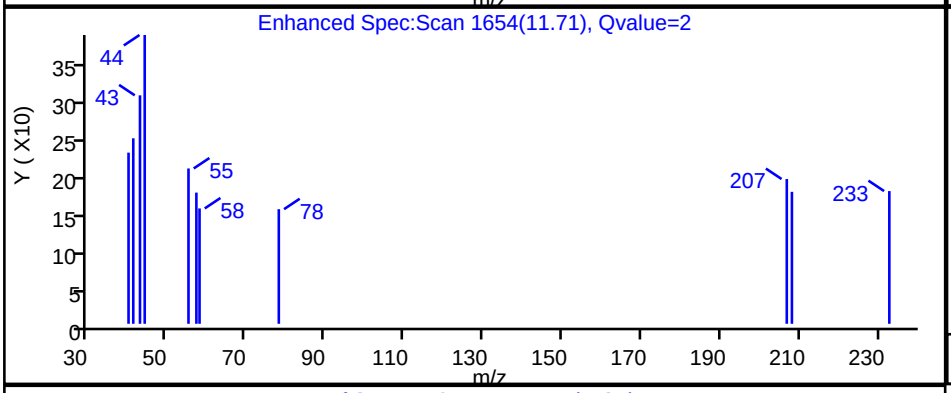
Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

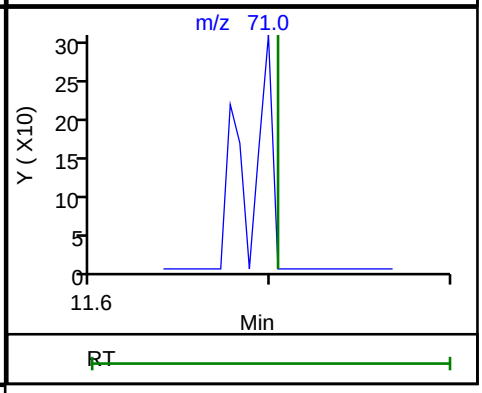
49 n-Heptane, CAS: 142-82-5

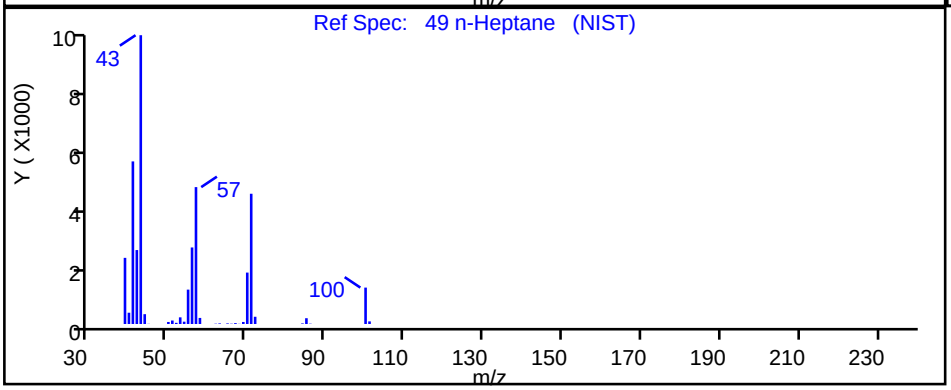
Processing Results











RT	Mass	Response	Amount
11.71	43.00	305	0.005482
11.70	71.00	0	

Reviewer: puangmaleek, 24-May-2019 14:13:12

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

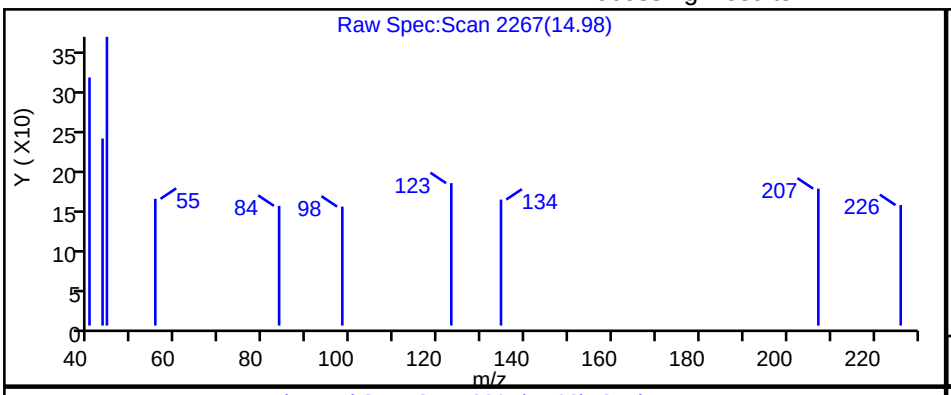
User Disabled Compound Report

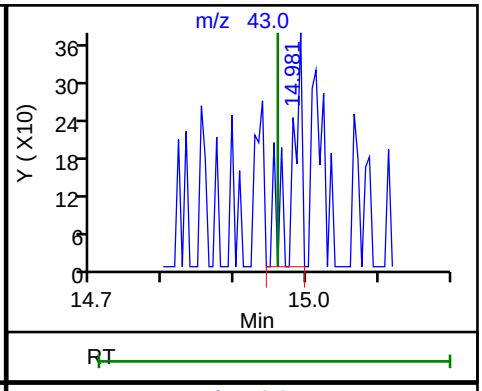
Eurofins TestAmerica, Burlington

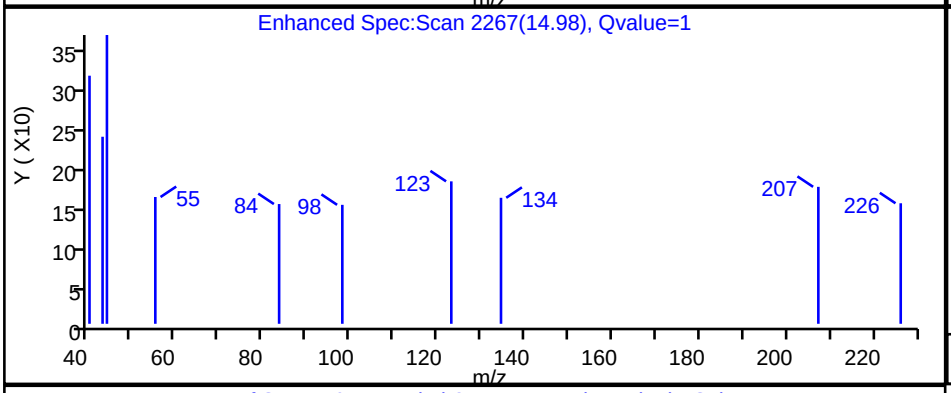
Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

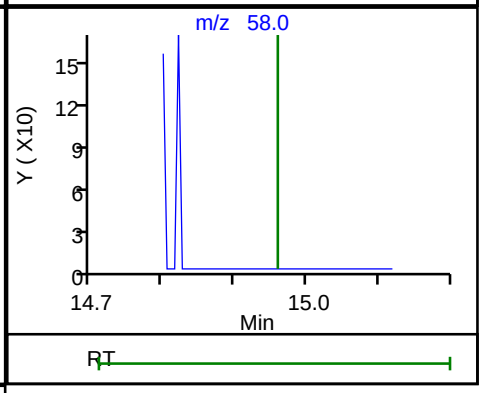
61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

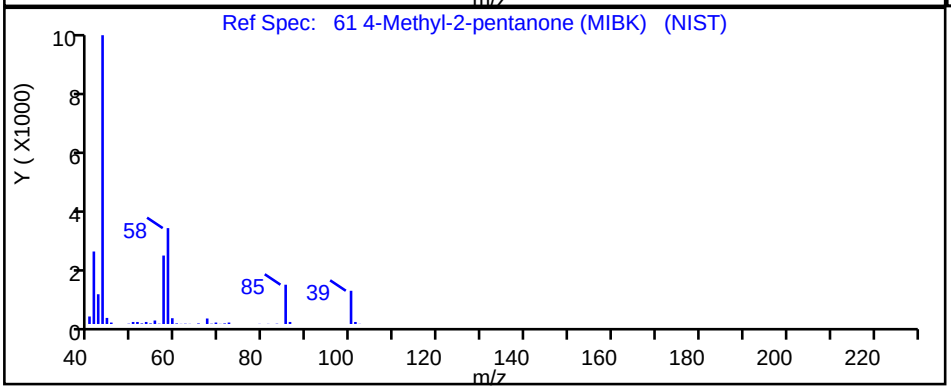
Processing Results











RT	Mass	Response	Amount
14.98	43.00	374	0.004769
14.96	58.00	0	

Reviewer: puangmaleek, 24-May-2019 14:13:18

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

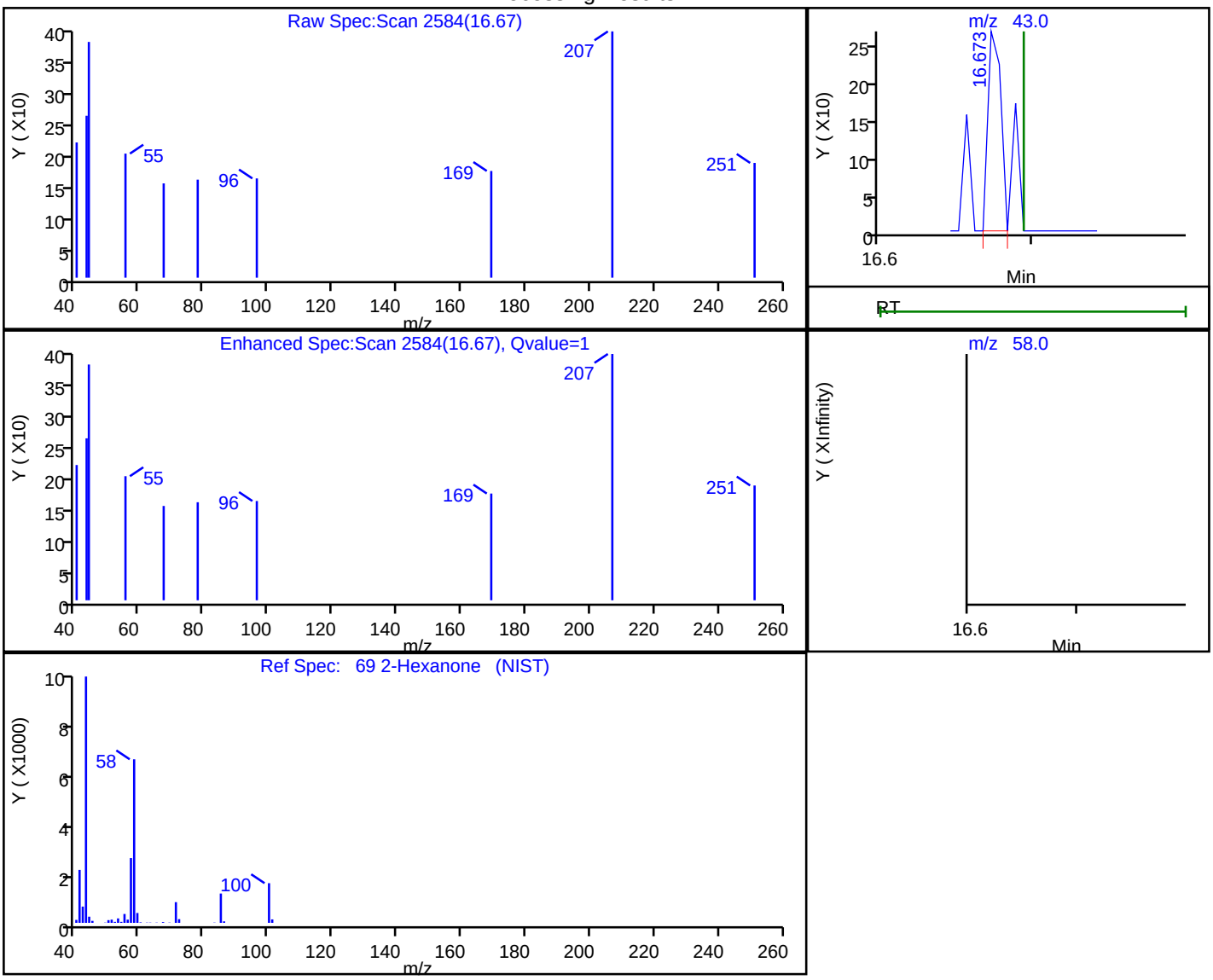
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

69 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
16.67	43.00	153	0.002531
16.69	58.00	0	

Reviewer: puangmaleek, 24-May-2019 14:13:22

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

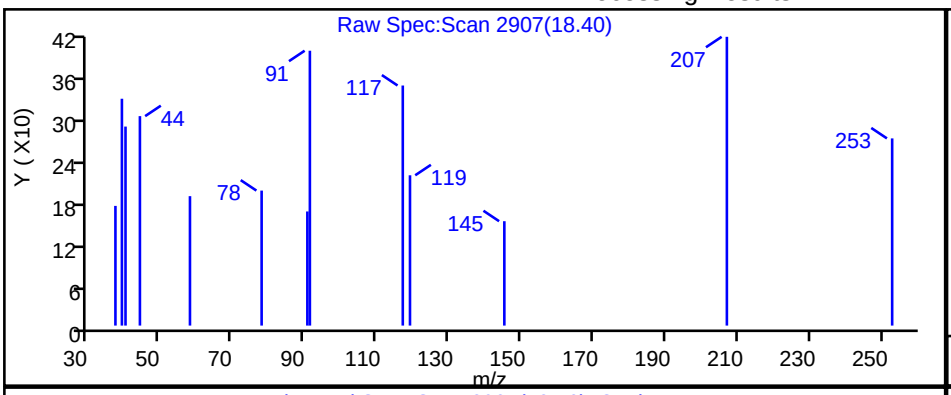
User Disabled Compound Report

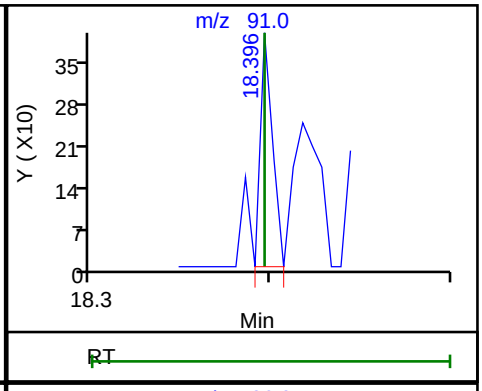
Eurofins TestAmerica, Burlington

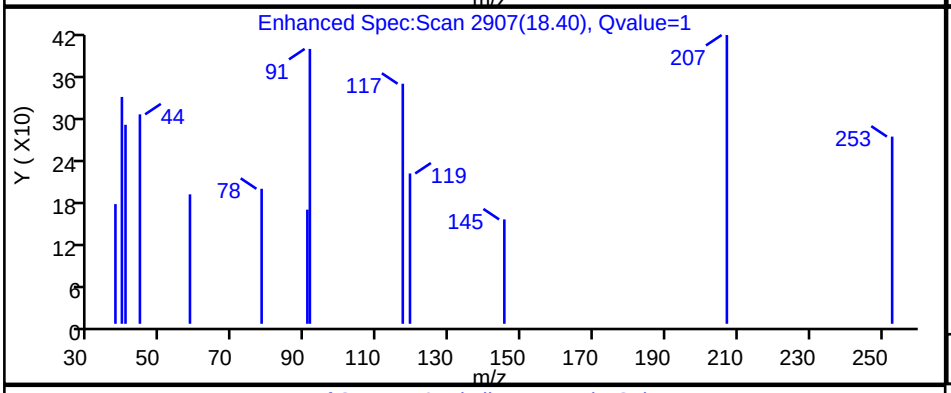
Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

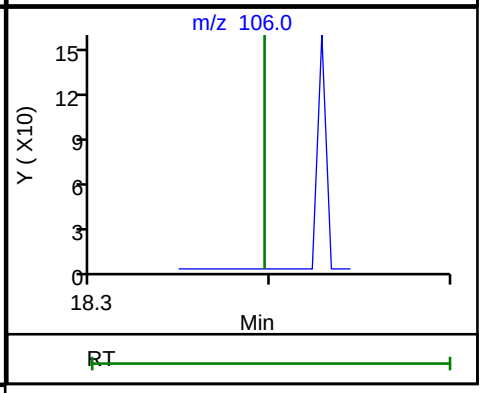
76 Ethylbenzene, CAS: 100-41-4

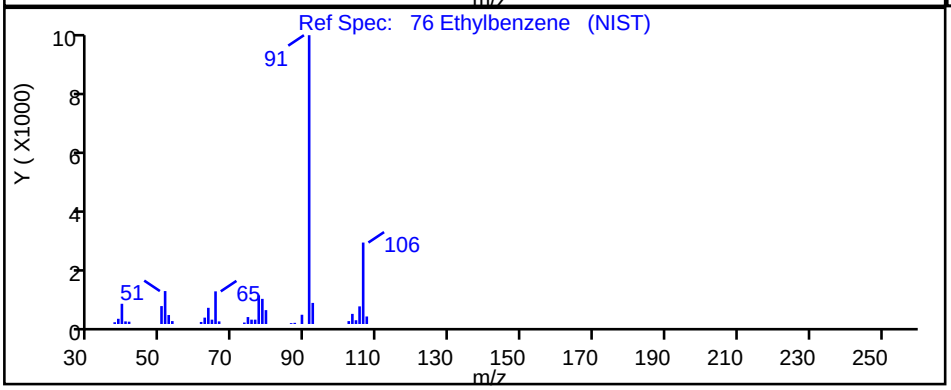
Processing Results











RT	Mass	Response	Amount
18.40	91.00	184	0.001105
18.40	106.00	0	

Reviewer: puangmaleek, 24-May-2019 14:13:25

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

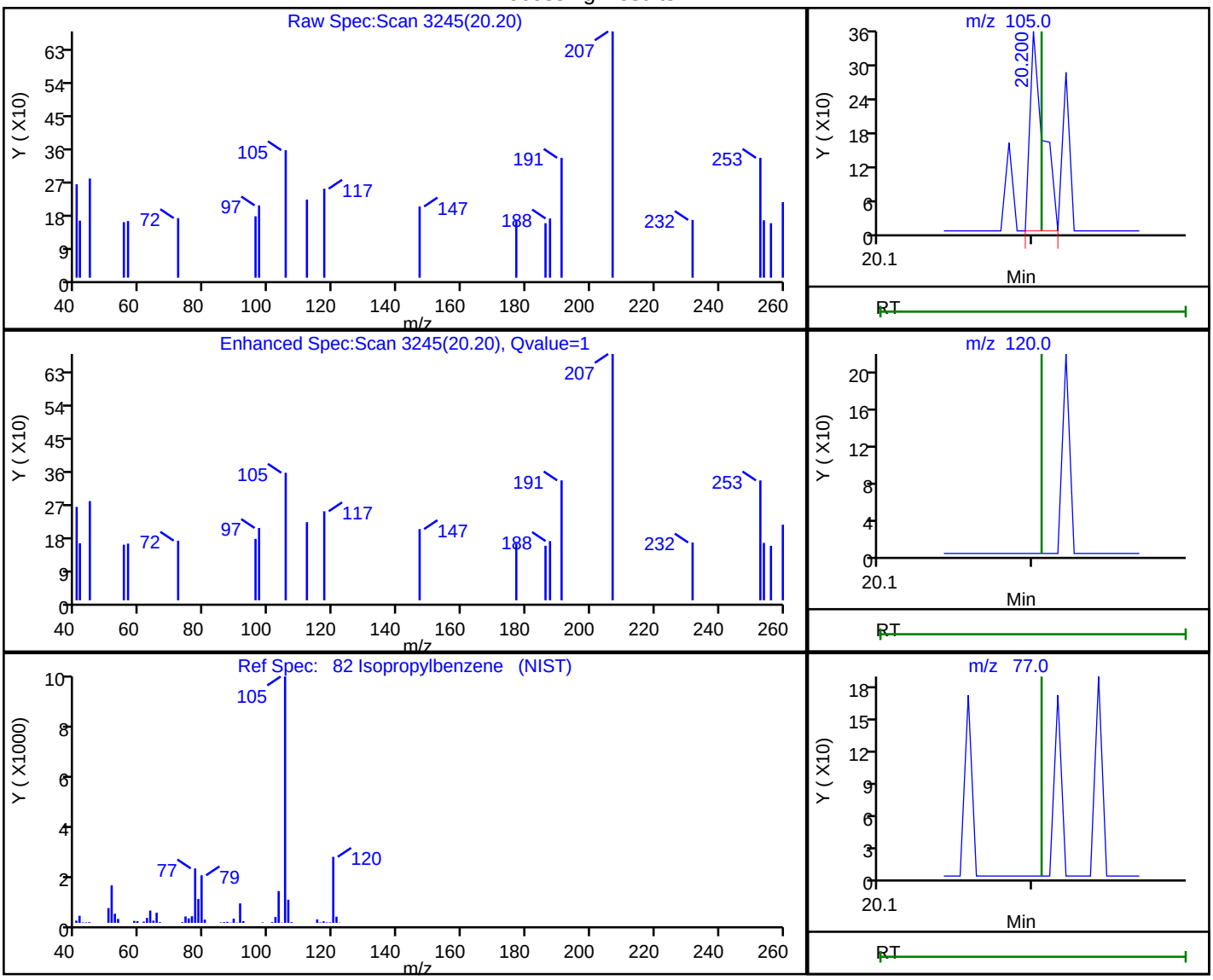
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
20.20	105.00	213	0.001111
20.21	120.00	0	
20.21	77.00	0	

Reviewer: puangmaleek, 24-May-2019 14:13:30

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

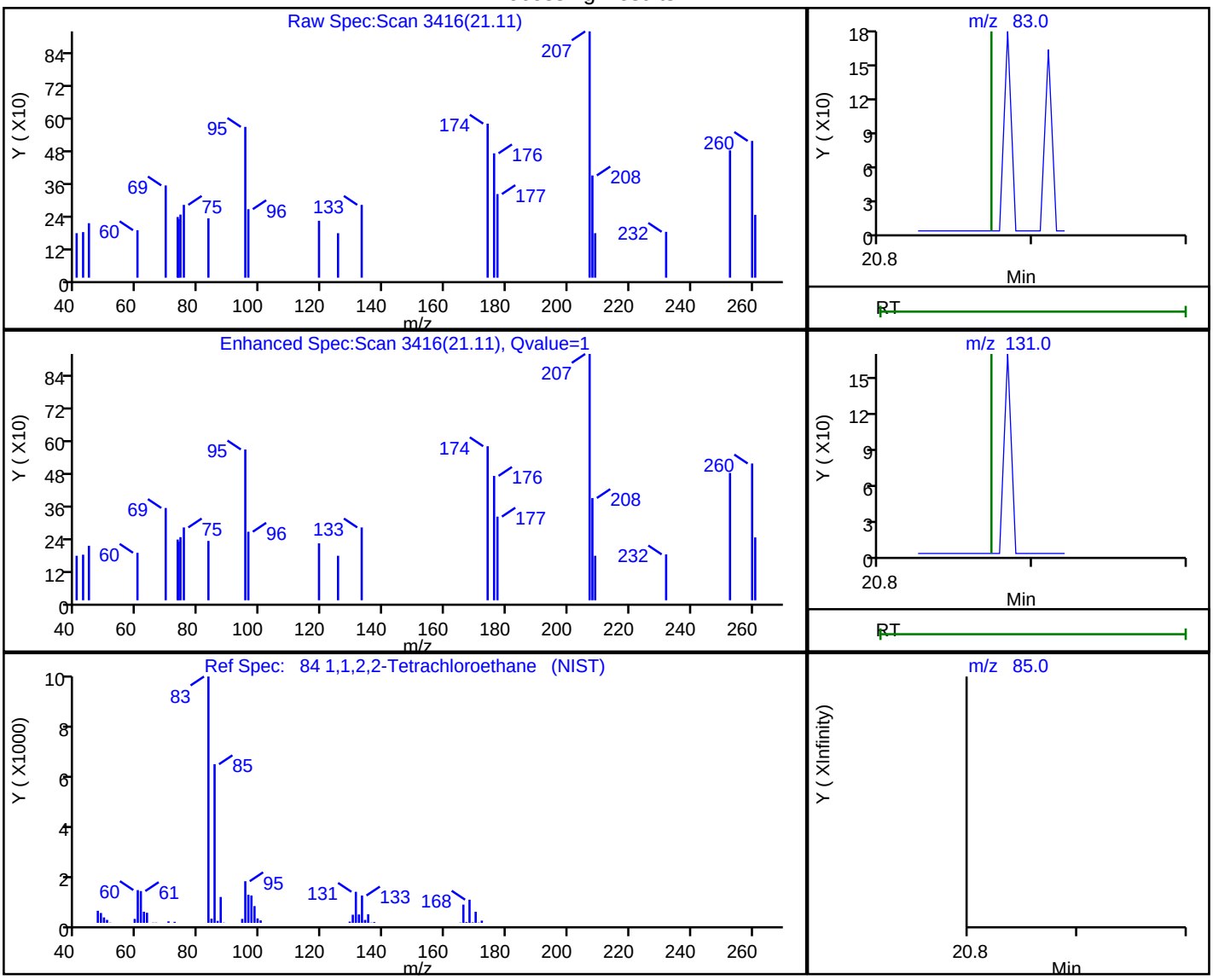
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

84 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
21.11	83.00	130	0.001355
20.87	131.00	0	
20.87	85.00	0	

Reviewer: puangmaleek, 24-May-2019 14:13:31

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

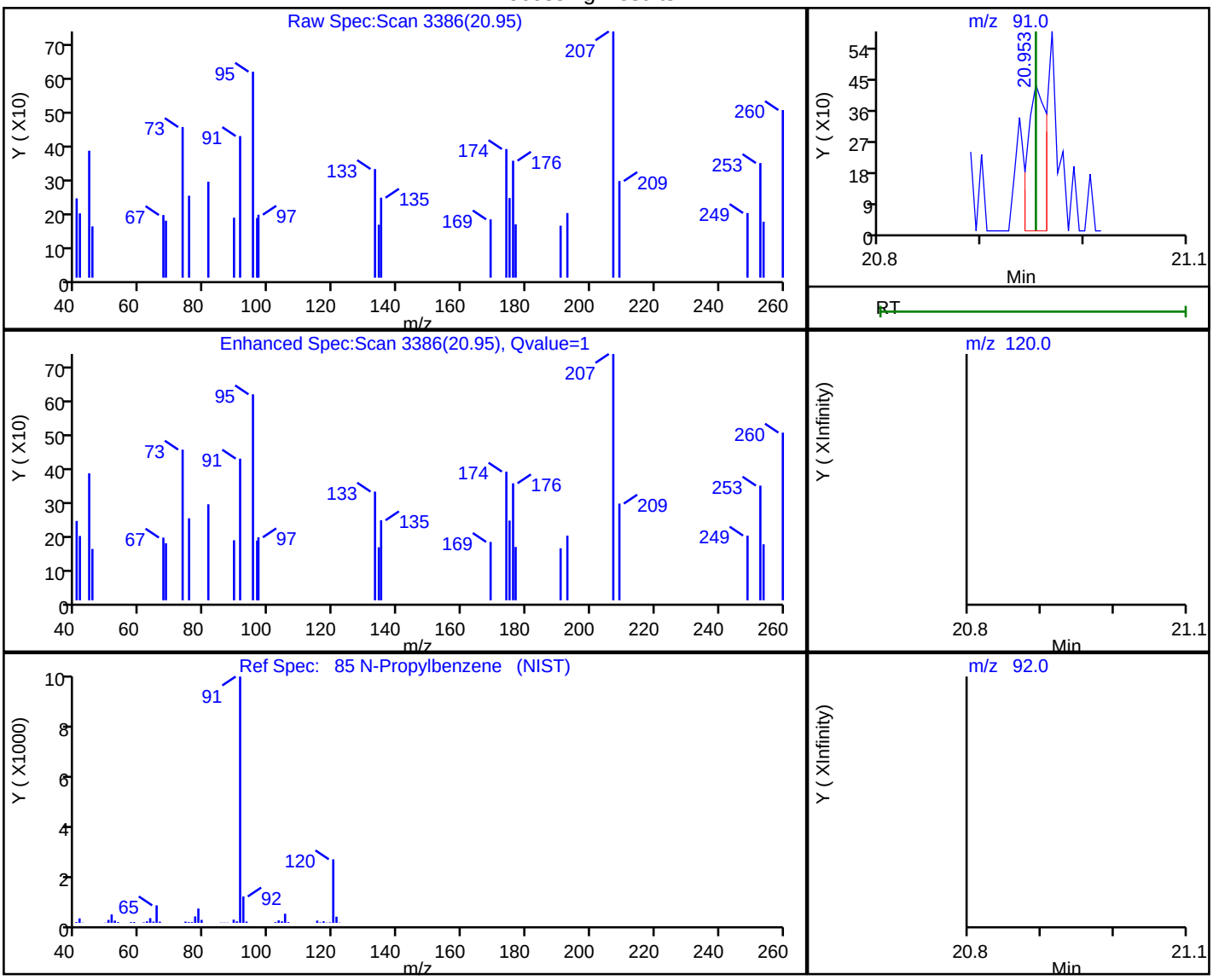
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

85 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
20.95	91.00	528	0.002348
20.95	120.00	0	
20.95	92.00	0	

Reviewer: puangmaleek, 24-May-2019 14:13:32

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

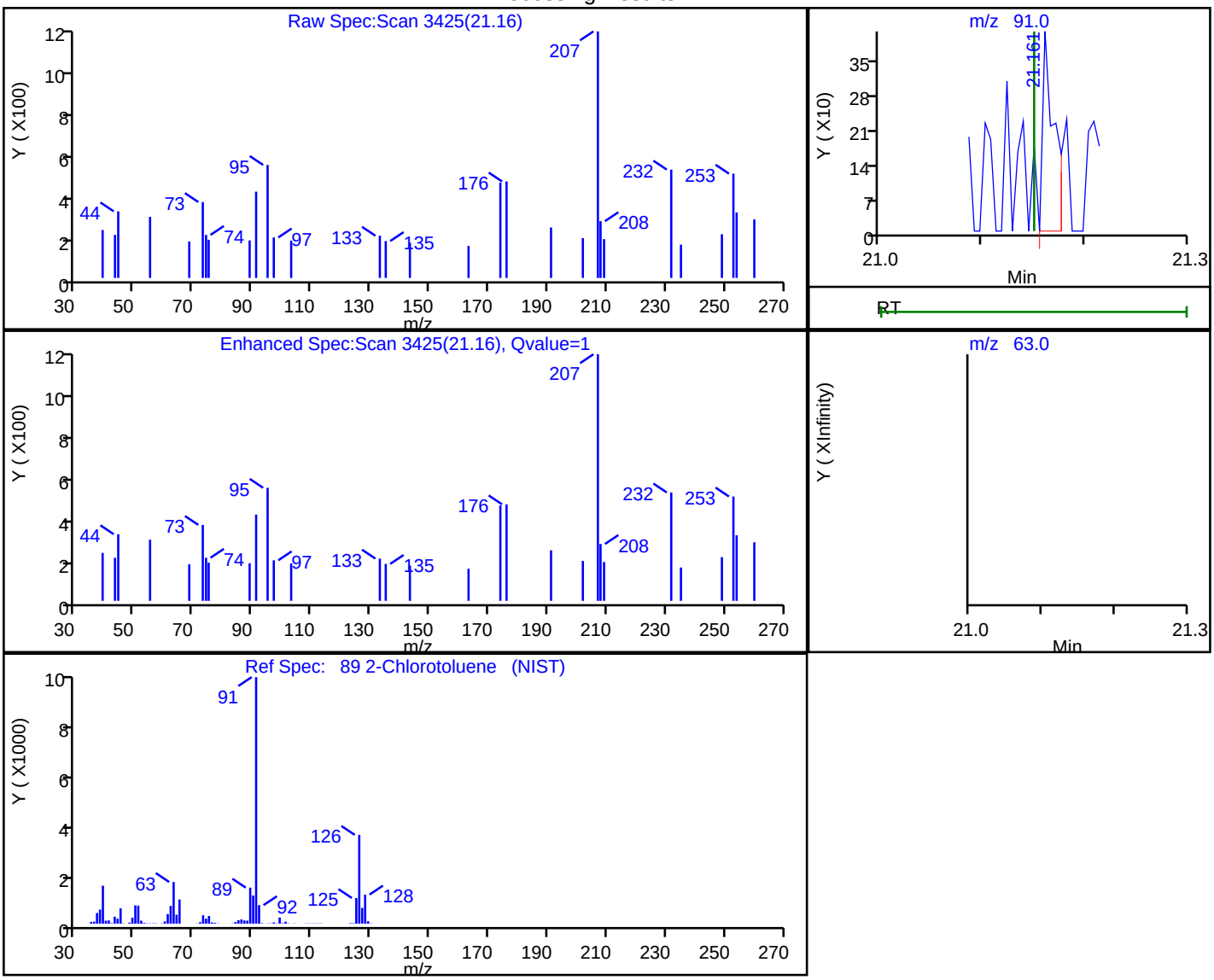
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

89 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
21.16	91.00	320	0.002168
21.15	63.00	0	

Reviewer: puangmaleek, 24-May-2019 14:13:34

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

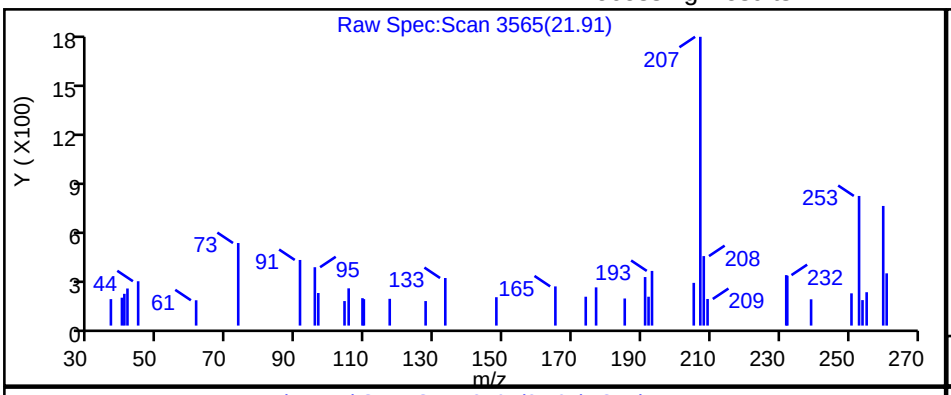
User Disabled Compound Report

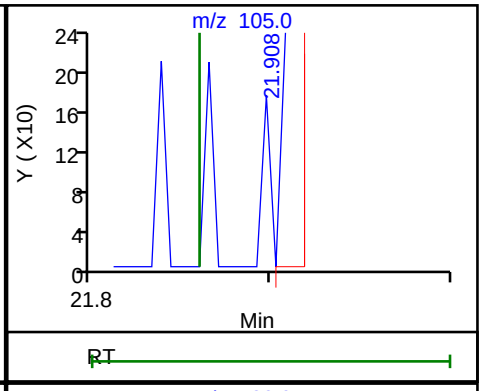
Eurofins TestAmerica, Burlington

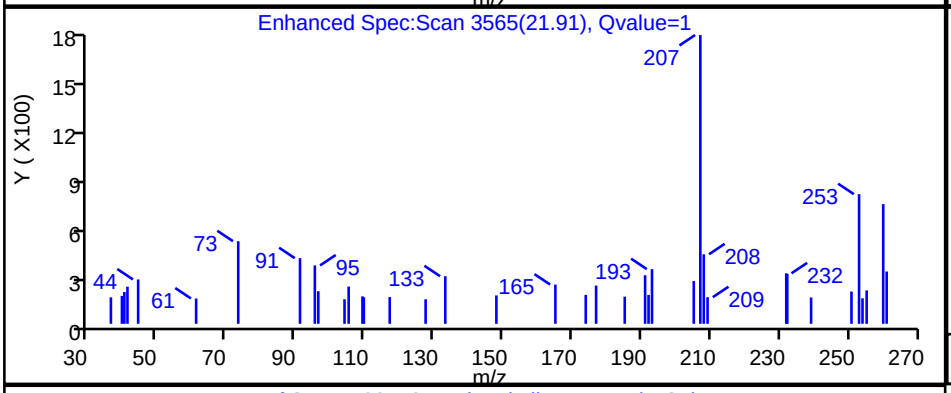
Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

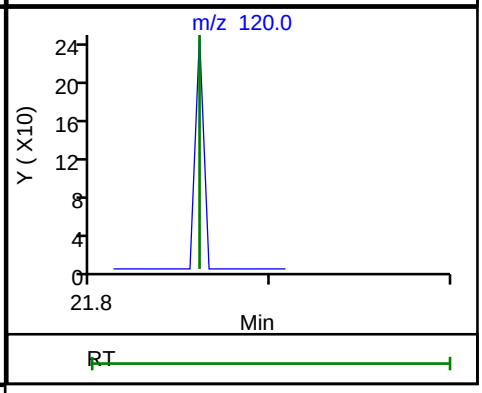
93 1,2,4-Trimethylbenzene, CAS: 95-63-6

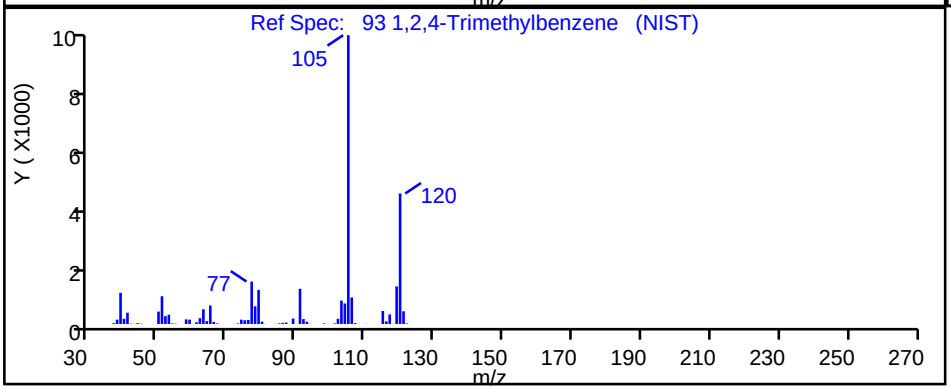
Processing Results











RT	Mass	Response	Amount
21.91	105.00	133	0.000862
21.86	120.00	0	

Reviewer: puangmaleek, 24-May-2019 14:13:37

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

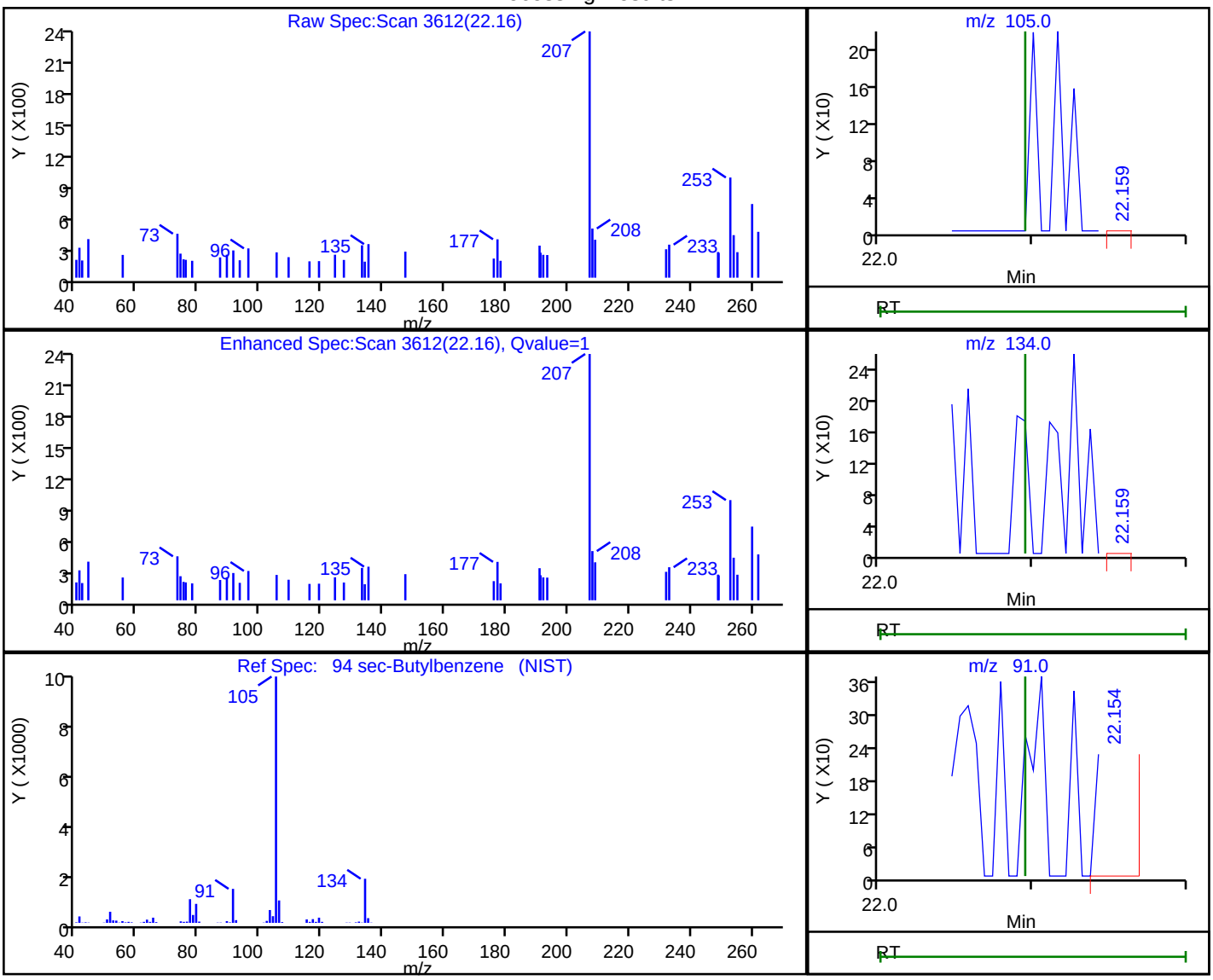
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

94 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
22.16	105.00	145	0.000621
22.16	134.00	48	
22.15	91.00	399	

Reviewer: puangmaleek, 24-May-2019 14:13:38

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

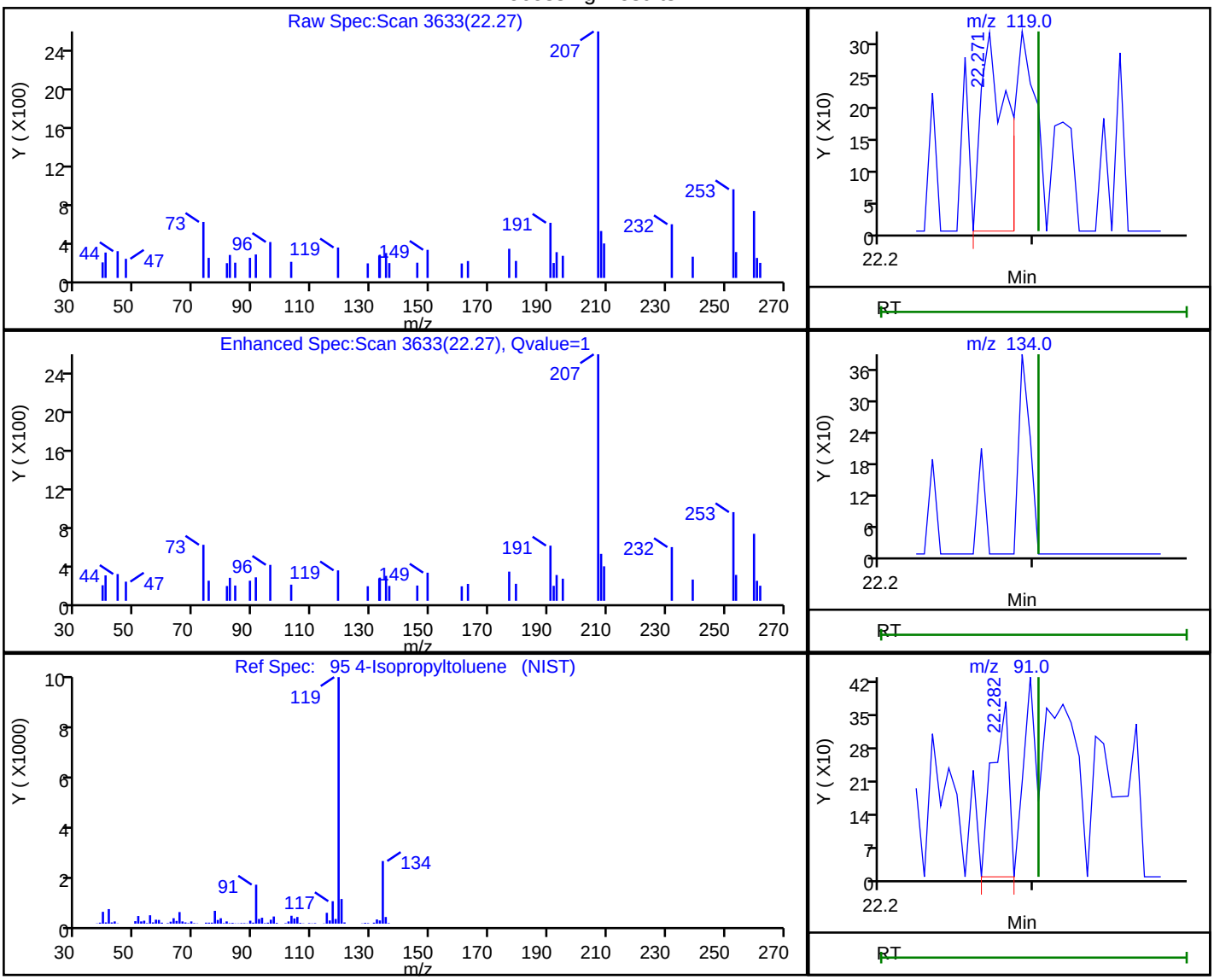
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

95 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
22.27	119.00	358	0.001777
22.28	91.00	276	
22.30	134.00	0	

Reviewer: puangmaleek, 24-May-2019 14:13:39

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

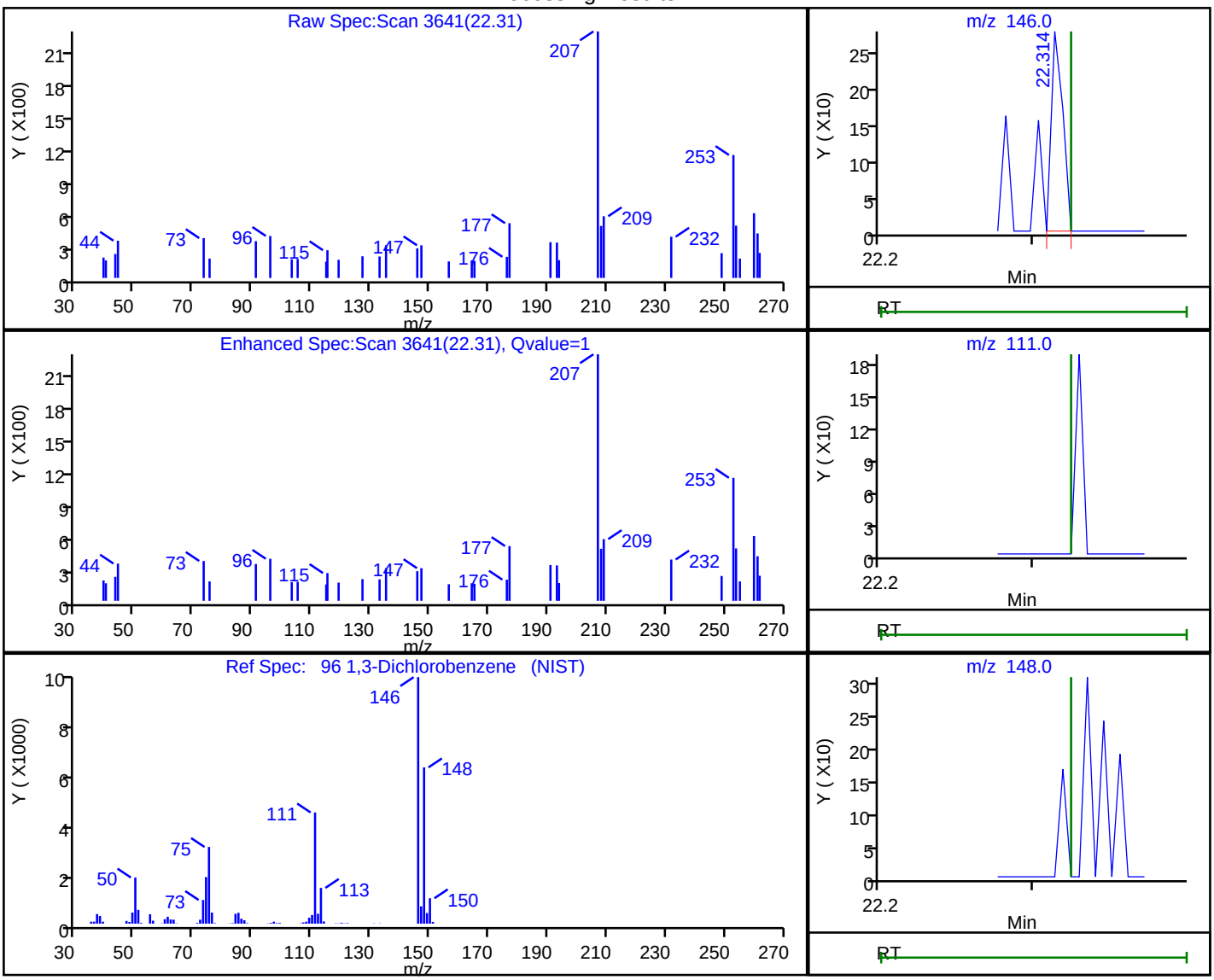
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

96 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
22.31	146.00	140	0.001137
22.33	111.00	0	
22.33	148.00	0	

Reviewer: puangmaleek, 24-May-2019 14:13:40

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

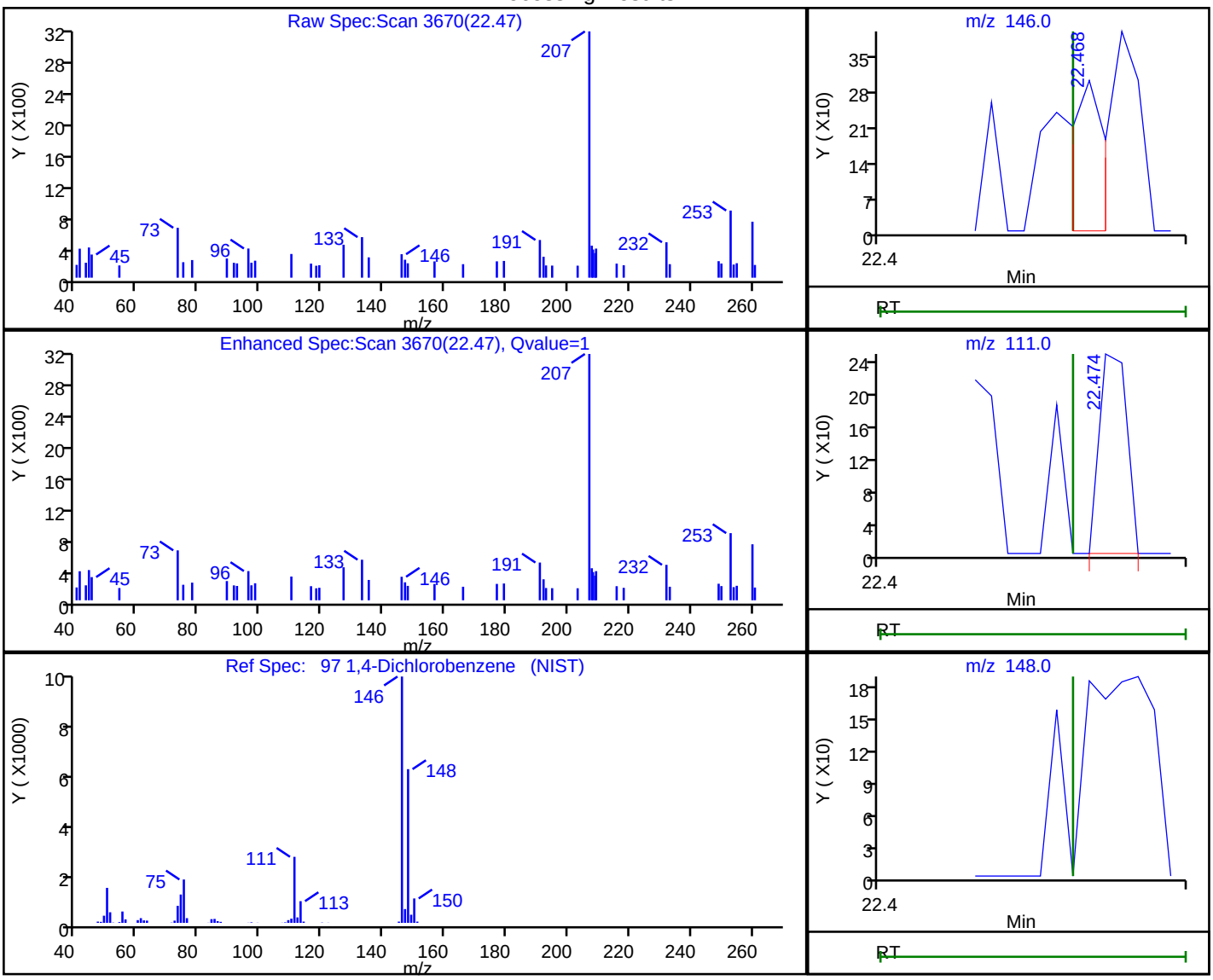
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

97 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
22.47	146.00	219	0.001781
22.47	111.00	155	
22.46	148.00	0	

Reviewer: puangmaleek, 24-May-2019 14:13:41

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

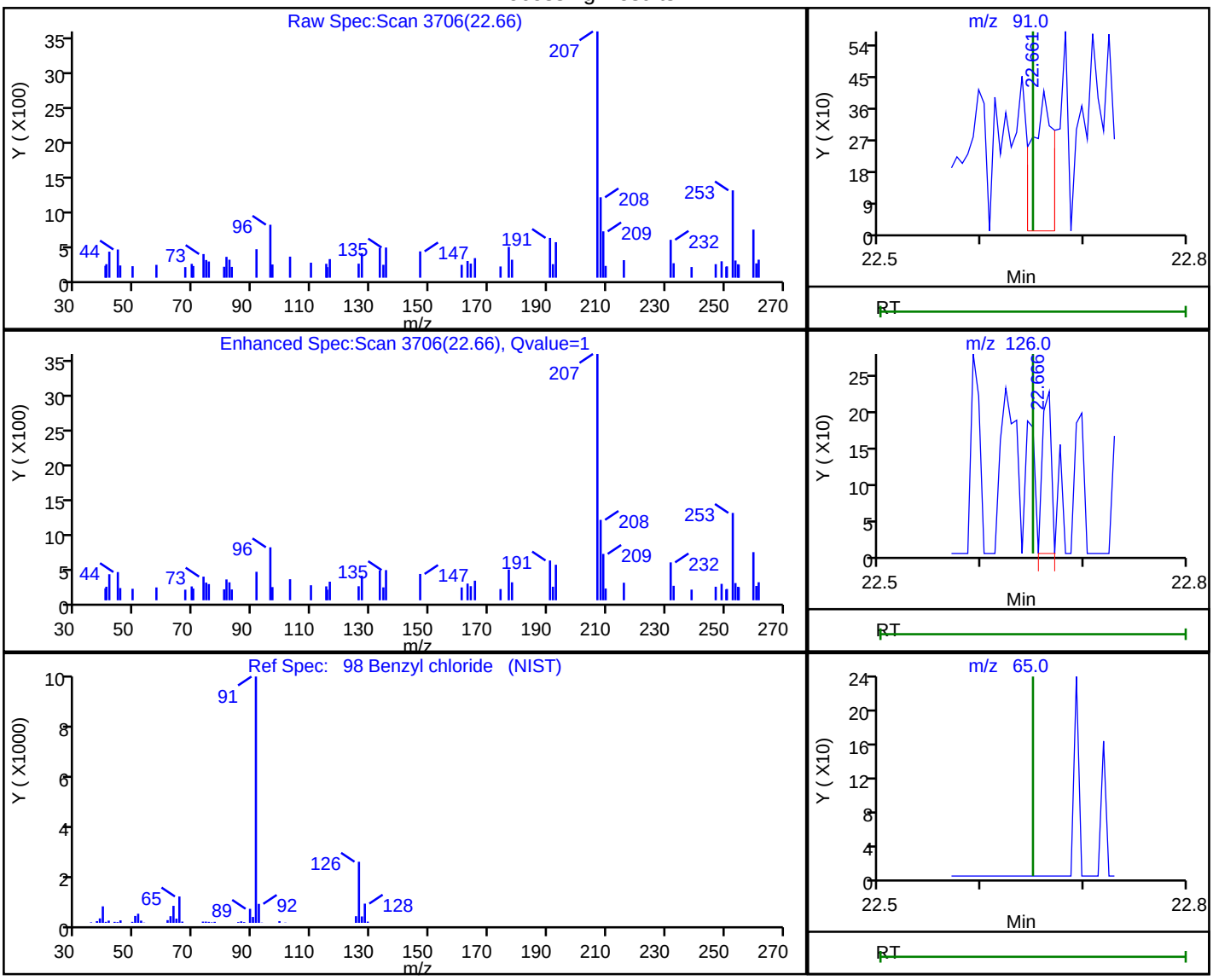
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

98 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
22.66	91.00	573	0.004341
22.67	126.00	137	
22.65	65.00	0	

Reviewer: puangmaleek, 24-May-2019 14:13:43

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

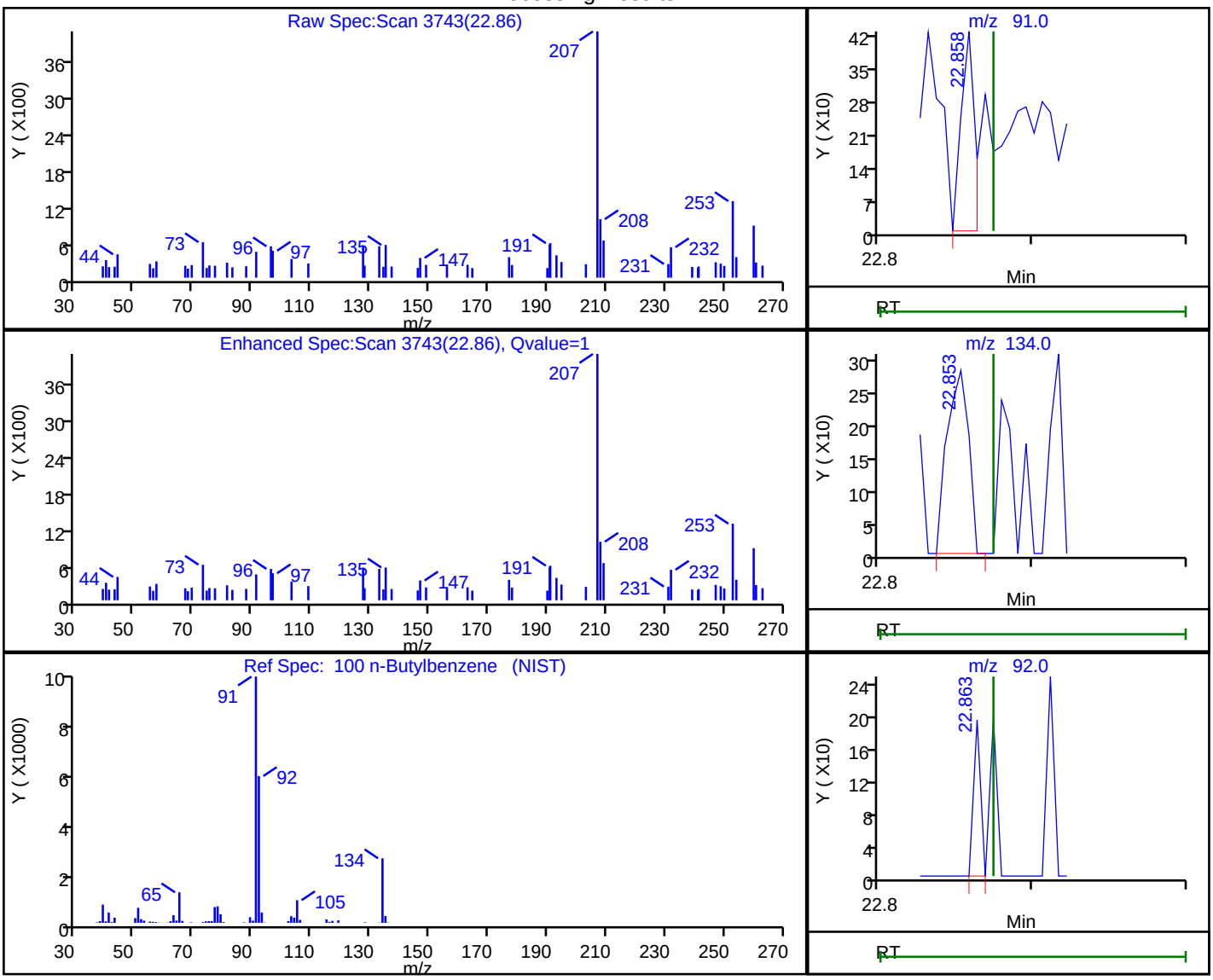
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

100 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
22.86	91.00	265	0.001452
22.85	134.00	271	
22.86	92.00	62	

Reviewer: puangmaleek, 24-May-2019 14:13:44

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

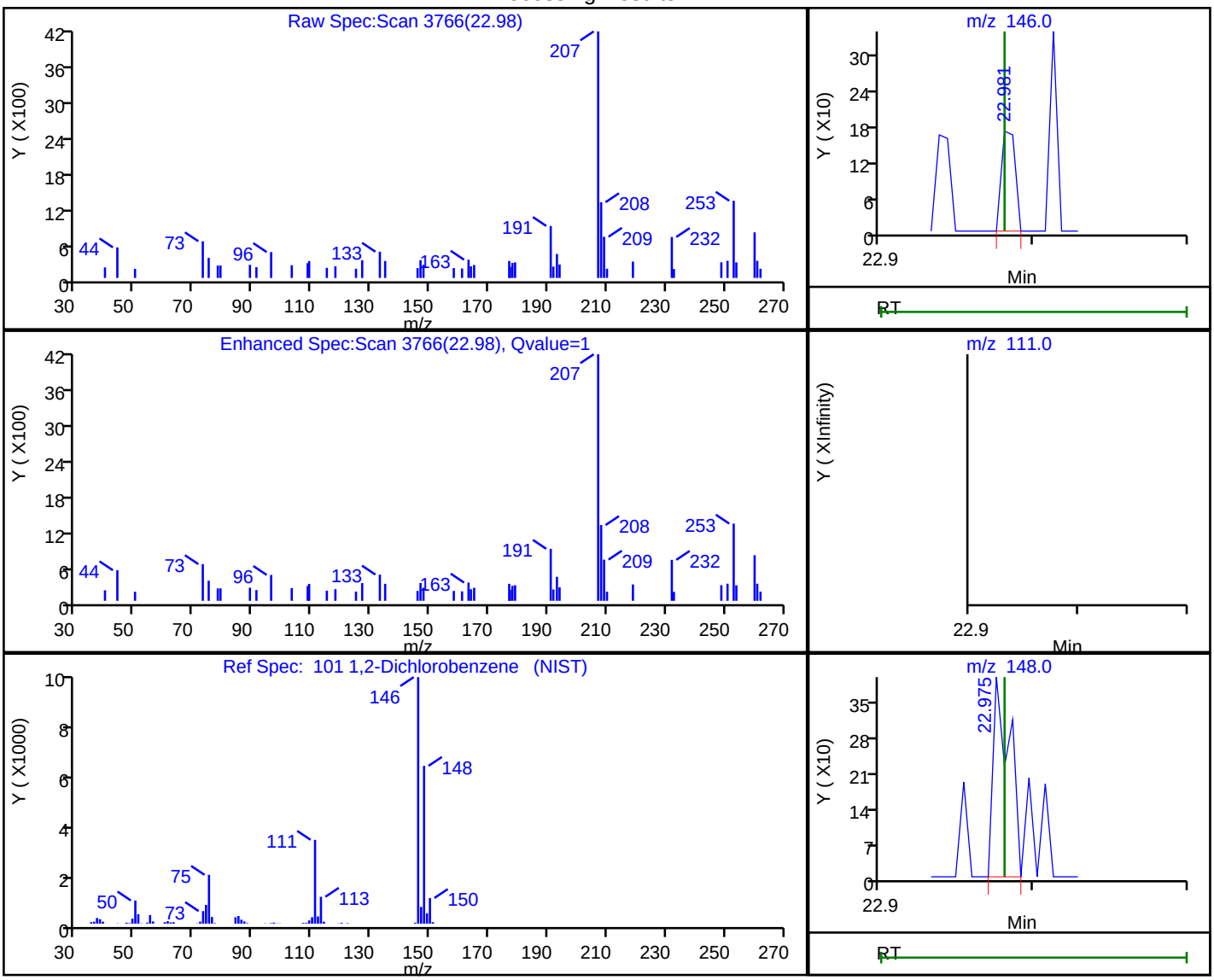
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

101 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
22.98	146.00	104	0.000875
22.98	148.00	299	
22.99	111.00	0	

Reviewer: puangmaleek, 24-May-2019 14:13:45

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

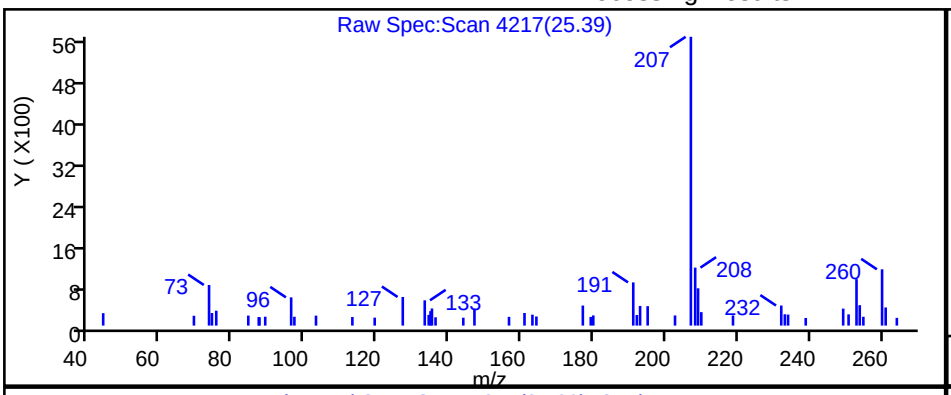
User Disabled Compound Report

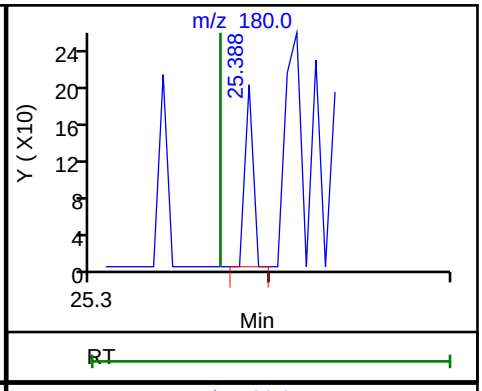
Eurofins TestAmerica, Burlington

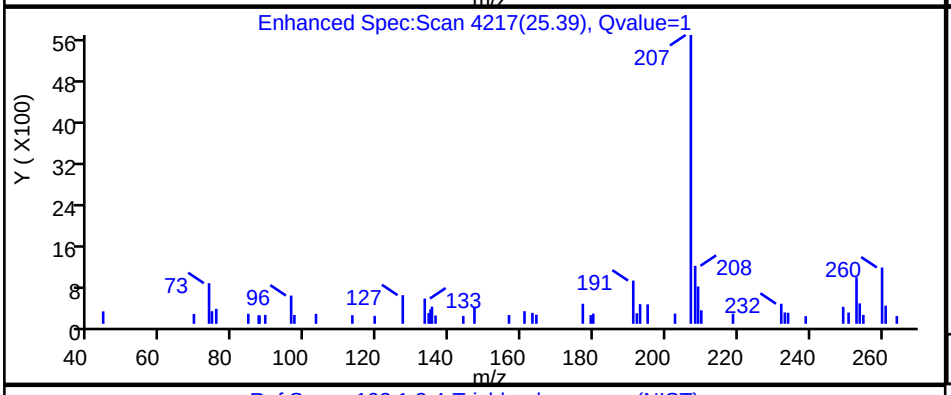
Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

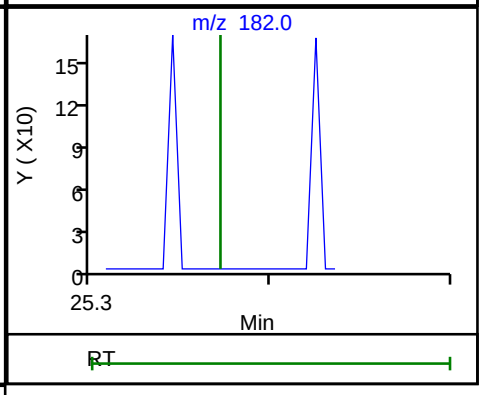
103 1,2,4-Trichlorobenzene, CAS: 120-82-1

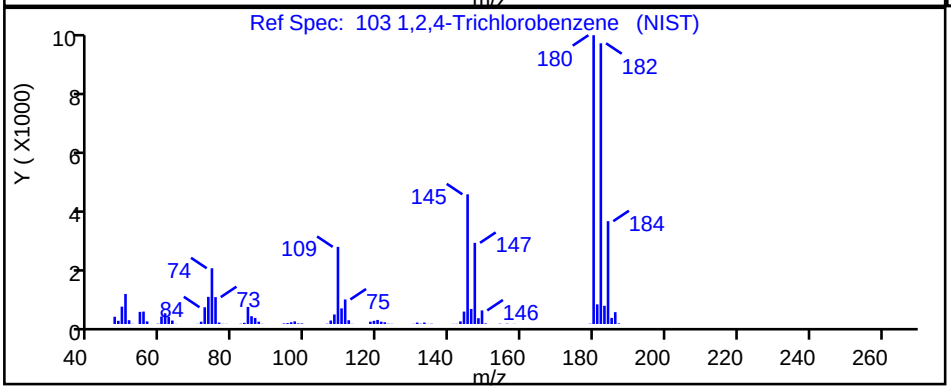
Processing Results











RT	Mass	Response	Amount
25.39	180.00	64	0.000686
25.38	182.00	0	

Reviewer: puangmaleek, 24-May-2019 14:13:46

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

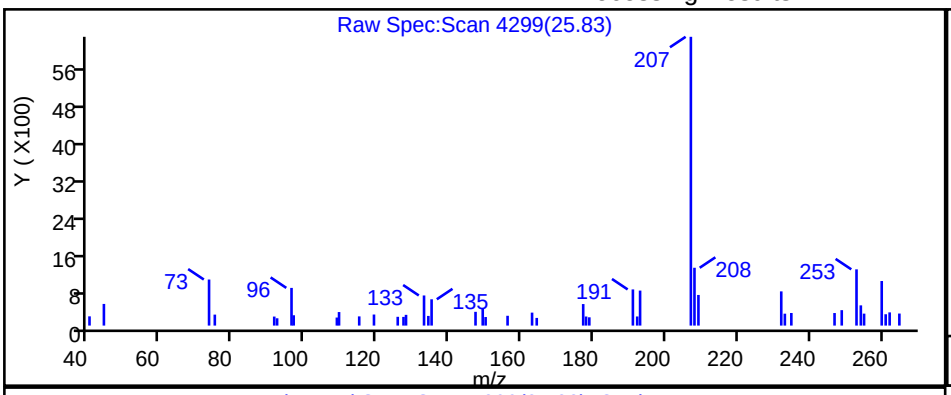
User Disabled Compound Report

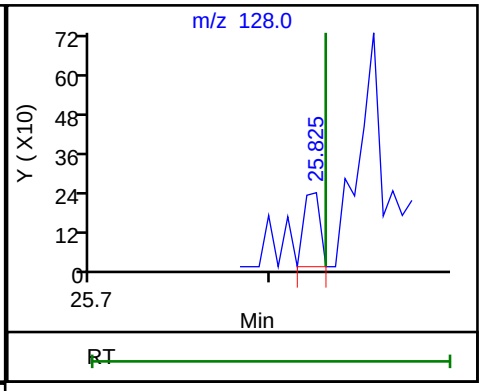
Eurofins TestAmerica, Burlington

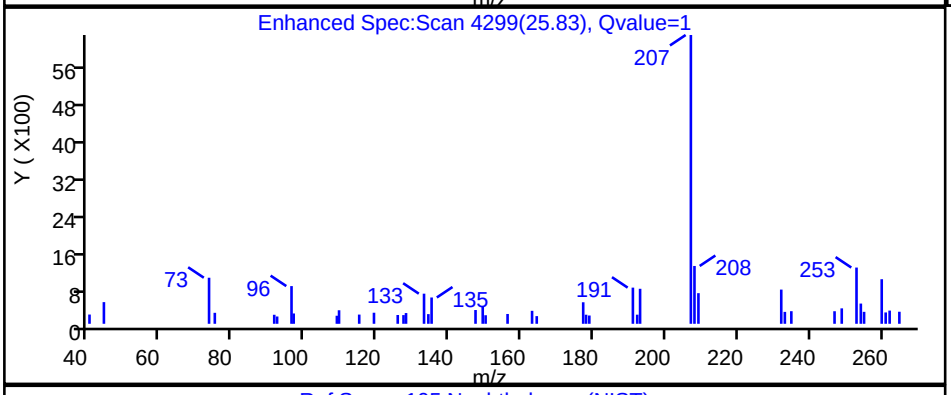
Data File:	\\chromna\Burlington\ChromData\CHC.i\20190523-36056.b\36056-07.D				
Injection Date:	23-May-2019 16:59:30	Instrument ID:	CHC.i		
Lims ID:	200-48859-A-2	Lab Sample ID:	200-48859-2		
Client ID:	4567				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

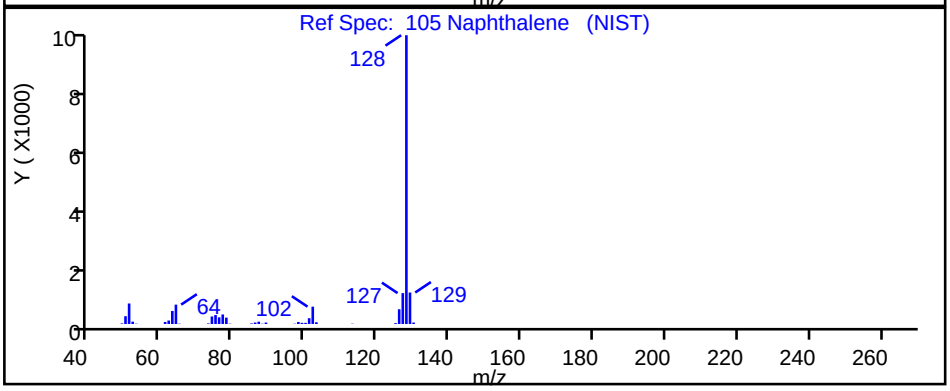
105 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
25.83	128.00	145	0.000823

Reviewer: puangmaleek, 24-May-2019 14:12:40

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

eurofins | Environment Testing TestAmerica

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-158723-1
Client Project/Site: Town of Dewitt
Sampling Event: Surfacewater - Quarterly (3,6,9,12)

For:
Town of Dewitt
5400 Butternut Drive
East Syracuse, New York 13057

Attn: Kerrie Fusco

Joseph V. Giacomazza

Authorized for release by:
9/18/2019 9:49:05 AM
Joe Giacomazza, Project Management Assistant II
joe.giacomazza@testamericainc.com

Designee for

Orlette Johnson, Senior Project Manager
(484)685-0864
orlette.johnson@testamericainc.com

Table of Contents

Definitions/Glossary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-158723-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-158723-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-158723-1

Comments
No additional comments.

Receipt
The samples were received on 9/6/2019 6:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.1° C.

GC/MS VOA
Method(s) 624: The preservative used in the sample containers provided is not compatible with the Method 624 analytes requested. The following samples were received preserved with hydrochloric acid: SW-1 (480-158723-1), SW-2 (480-158723-2) and SW-3 (480-158723-3). The requested target analyte list contains 2-Chloroethyl vinyl ether and/or Acrolein, which are acid-labile compounds that degrade in an acidic medium.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-158723-1

Client Sample ID: SW-1 — Lab Sample ID: 480-158723-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	0.0055	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Zinc	0.012		0.010	0.0015	mg/L	1		6010C	Total/NA
Total Dissolved Solids	558	B	10.0	4.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: SW-2 — Lab Sample ID: 480-158723-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	0.0043	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Nickel	0.0027	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Zinc	0.0094	J	0.010	0.0015	mg/L	1		6010C	Total/NA
Total Dissolved Solids	632	B	10.0	4.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: SW-3 — Lab Sample ID: 480-158723-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.55	J	5.0	0.45	ug/L	1		624	Total/NA
Copper	0.0031	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Zinc	0.0080	J	0.010	0.0015	mg/L	1		6010C	Total/NA
Total Dissolved Solids	596	B	10.0	4.0	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-158723-1

Client Sample ID: SW-1
Date Collected: 09/05/19 10:00
Date Received: 09/06/19 06:15

Lab Sample ID: 480-158723-1
Matrix: Surface Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			09/06/19 18:30	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			09/06/19 18:30	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			09/06/19 18:30	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/06/19 18:30	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/06/19 18:30	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			09/06/19 18:30	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			09/06/19 18:30	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			09/06/19 18:30	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			09/06/19 18:30	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			09/06/19 18:30	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			09/06/19 18:30	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			09/06/19 18:30	1
Acrolein	ND		100	17	ug/L			09/06/19 18:30	1
Acrylonitrile	ND		50	1.9	ug/L			09/06/19 18:30	1
Benzene	ND		5.0	0.60	ug/L			09/06/19 18:30	1
Bromoform	ND		5.0	0.47	ug/L			09/06/19 18:30	1
Bromomethane	ND		5.0	1.2	ug/L			09/06/19 18:30	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			09/06/19 18:30	1
Chlorobenzene	ND		5.0	0.48	ug/L			09/06/19 18:30	1
Chlorodibromomethane	ND		5.0	0.41	ug/L			09/06/19 18:30	1
Chloroethane	ND		5.0	0.87	ug/L			09/06/19 18:30	1
Chloroform	ND		5.0	0.54	ug/L			09/06/19 18:30	1
Chloromethane	ND		5.0	0.64	ug/L			09/06/19 18:30	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			09/06/19 18:30	1
Dichlorobromomethane	ND		5.0	0.54	ug/L			09/06/19 18:30	1
Ethylbenzene	ND		5.0	0.46	ug/L			09/06/19 18:30	1
Methylene Chloride	ND		5.0	0.81	ug/L			09/06/19 18:30	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/06/19 18:30	1
Toluene	ND		5.0	0.45	ug/L			09/06/19 18:30	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			09/06/19 18:30	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			09/06/19 18:30	1
Trichloroethene	ND		5.0	0.60	ug/L			09/06/19 18:30	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/06/19 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*68 - 130*		*09/06/19 18:30*	*1*
4-Bromofluorobenzene (Surr)	*106*		*76 - 123*		*09/06/19 18:30*	*1*
Toluene-d8 (Surr)	*98*		*77 - 120*		*09/06/19 18:30*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.020	0.0068	mg/L		09/09/19 09:35	09/10/19 20:33	1
Arsenic	ND		0.015	0.0056	mg/L		09/09/19 09:35	09/10/19 20:33	1
Beryllium	ND		0.0020	0.00030	mg/L		09/09/19 09:35	09/10/19 20:33	1
Cadmium	ND		0.0020	0.00050	mg/L		09/09/19 09:35	09/10/19 20:33	1
Chromium	ND		0.0040	0.0010	mg/L		09/09/19 09:35	09/10/19 20:33	1
Copper	**0.0055**	**J**	0.010	0.0016	mg/L		09/09/19 09:35	09/10/19 20:33	1
Lead	ND		0.010	0.0030	mg/L		09/09/19 09:35	09/10/19 20:33	1
Nickel	ND		0.010	0.0013	mg/L		09/09/19 09:35	09/10/19 20:33	1
Selenium	ND		0.025	0.0087	mg/L		09/09/19 09:35	09/10/19 20:33	1

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-158723-1

Client Sample ID: SW-1
Date Collected: 09/05/19 10:00
Date Received: 09/06/19 06:15

Lab Sample ID: 480-158723-1
Matrix: Surface Water

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/09/19 09:35	09/10/19 20:33	1
Thallium	ND		0.020	0.010	mg/L		09/09/19 09:35	09/10/19 20:33	1
Zinc	**0.012**		0.010	0.0015	mg/L		09/09/19 09:35	09/10/19 20:33	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/16/19 12:05	09/16/19 15:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**558**	**B**	10.0	4.0	mg/L			09/09/19 09:52	1

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-158723-1

Client Sample ID: SW-2

Date Collected: 09/05/19 09:30
Date Received: 09/06/19 06:15

Lab Sample ID: 480-158723-2

Matrix: Surface Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			09/06/19 18:53	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			09/06/19 18:53	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			09/06/19 18:53	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/06/19 18:53	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/06/19 18:53	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			09/06/19 18:53	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			09/06/19 18:53	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			09/06/19 18:53	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			09/06/19 18:53	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			09/06/19 18:53	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			09/06/19 18:53	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			09/06/19 18:53	1
Acrolein	ND		100	17	ug/L			09/06/19 18:53	1
Acrylonitrile	ND		50	1.9	ug/L			09/06/19 18:53	1
Benzene	ND		5.0	0.60	ug/L			09/06/19 18:53	1
Bromoform	ND		5.0	0.47	ug/L			09/06/19 18:53	1
Bromomethane	ND		5.0	1.2	ug/L			09/06/19 18:53	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			09/06/19 18:53	1
Chlorobenzene	ND		5.0	0.48	ug/L			09/06/19 18:53	1
Chlorodibromomethane	ND		5.0	0.41	ug/L			09/06/19 18:53	1
Chloroethane	ND		5.0	0.87	ug/L			09/06/19 18:53	1
Chloroform	ND		5.0	0.54	ug/L			09/06/19 18:53	1
Chloromethane	ND		5.0	0.64	ug/L			09/06/19 18:53	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			09/06/19 18:53	1
Dichlorobromomethane	ND		5.0	0.54	ug/L			09/06/19 18:53	1
Ethylbenzene	ND		5.0	0.46	ug/L			09/06/19 18:53	1
Methylene Chloride	ND		5.0	0.81	ug/L			09/06/19 18:53	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/06/19 18:53	1
Toluene	ND		5.0	0.45	ug/L			09/06/19 18:53	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			09/06/19 18:53	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			09/06/19 18:53	1
Trichloroethene	ND		5.0	0.60	ug/L			09/06/19 18:53	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/06/19 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*68 - 130*		*09/06/19 18:53*	*1*
4-Bromofluorobenzene (Surr)	*104*		*76 - 123*		*09/06/19 18:53*	*1*
Toluene-d8 (Surr)	*97*		*77 - 120*		*09/06/19 18:53*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.020	0.0068	mg/L		09/09/19 09:35	09/10/19 20:48	1
Arsenic	ND		0.015	0.0056	mg/L		09/09/19 09:35	09/10/19 20:48	1
Beryllium	ND		0.0020	0.00030	mg/L		09/09/19 09:35	09/10/19 20:48	1
Cadmium	ND		0.0020	0.00050	mg/L		09/09/19 09:35	09/10/19 20:48	1
Chromium	ND		0.0040	0.0010	mg/L		09/09/19 09:35	09/10/19 20:48	1
Copper	**0.0043**	**J**	0.010	0.0016	mg/L		09/09/19 09:35	09/10/19 20:48	1
Lead	ND		0.010	0.0030	mg/L		09/09/19 09:35	09/10/19 20:48	1
Nickel	**0.0027**	**J**	0.010	0.0013	mg/L		09/09/19 09:35	09/10/19 20:48	1
Selenium	ND		0.025	0.0087	mg/L		09/09/19 09:35	09/10/19 20:48	1

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-158723-1

Client Sample ID: SW-2
Date Collected: 09/05/19 09:30
Date Received: 09/06/19 06:15

Lab Sample ID: 480-158723-2
Matrix: Surface Water

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/09/19 09:35	09/10/19 20:48	1
Thallium	ND		0.020	0.010	mg/L		09/09/19 09:35	09/10/19 20:48	1
Zinc	**0.0094**	**J**	0.010	0.0015	mg/L		09/09/19 09:35	09/10/19 20:48	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/16/19 12:05	09/16/19 15:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**632**	**B**	10.0	4.0	mg/L			09/09/19 09:52	1

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-158723-1

Client Sample ID: SW-3
Date Collected: 09/05/19 10:15
Date Received: 09/06/19 06:15

Lab Sample ID: 480-158723-3
Matrix: Surface Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			09/06/19 19:17	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			09/06/19 19:17	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			09/06/19 19:17	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/06/19 19:17	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/06/19 19:17	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			09/06/19 19:17	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			09/06/19 19:17	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			09/06/19 19:17	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			09/06/19 19:17	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			09/06/19 19:17	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			09/06/19 19:17	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			09/06/19 19:17	1
Acrolein	ND		100	17	ug/L			09/06/19 19:17	1
Acrylonitrile	ND		50	1.9	ug/L			09/06/19 19:17	1
Benzene	ND		5.0	0.60	ug/L			09/06/19 19:17	1
Bromoform	ND		5.0	0.47	ug/L			09/06/19 19:17	1
Bromomethane	ND		5.0	1.2	ug/L			09/06/19 19:17	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			09/06/19 19:17	1
Chlorobenzene	ND		5.0	0.48	ug/L			09/06/19 19:17	1
Chlorodibromomethane	ND		5.0	0.41	ug/L			09/06/19 19:17	1
Chloroethane	ND		5.0	0.87	ug/L			09/06/19 19:17	1
Chloroform	ND		5.0	0.54	ug/L			09/06/19 19:17	1
Chloromethane	ND		5.0	0.64	ug/L			09/06/19 19:17	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			09/06/19 19:17	1
Dichlorobromomethane	ND		5.0	0.54	ug/L			09/06/19 19:17	1
Ethylbenzene	ND		5.0	0.46	ug/L			09/06/19 19:17	1
Methylene Chloride	ND		5.0	0.81	ug/L			09/06/19 19:17	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/06/19 19:17	1
Toluene	**0.55**	**J**	5.0	0.45	ug/L			09/06/19 19:17	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			09/06/19 19:17	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			09/06/19 19:17	1
Trichloroethene	ND		5.0	0.60	ug/L			09/06/19 19:17	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/06/19 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*68 - 130*		*09/06/19 19:17*	*1*
4-Bromofluorobenzene (Surr)	*106*		*76 - 123*		*09/06/19 19:17*	*1*
Toluene-d8 (Surr)	*99*		*77 - 120*		*09/06/19 19:17*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.020	0.0068	mg/L		09/09/19 09:35	09/10/19 20:51	1
Arsenic	ND		0.015	0.0056	mg/L		09/09/19 09:35	09/10/19 20:51	1
Beryllium	ND		0.0020	0.00030	mg/L		09/09/19 09:35	09/10/19 20:51	1
Cadmium	ND		0.0020	0.00050	mg/L		09/09/19 09:35	09/10/19 20:51	1
Chromium	ND		0.0040	0.0010	mg/L		09/09/19 09:35	09/10/19 20:51	1
Copper	**0.0031**	**J**	0.010	0.0016	mg/L		09/09/19 09:35	09/10/19 20:51	1
Lead	ND		0.010	0.0030	mg/L		09/09/19 09:35	09/10/19 20:51	1
Nickel	ND		0.010	0.0013	mg/L		09/09/19 09:35	09/10/19 20:51	1
Selenium	ND		0.025	0.0087	mg/L		09/09/19 09:35	09/10/19 20:51	1

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-158723-1

Client Sample ID: SW-3
Date Collected: 09/05/19 10:15
Date Received: 09/06/19 06:15

Lab Sample ID: 480-158723-3
Matrix: Surface Water

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/09/19 09:35	09/10/19 20:51	1
Thallium	ND		0.020	0.010	mg/L		09/09/19 09:35	09/10/19 20:51	1
Zinc	**0.0080**	**J**	0.010	0.0015	mg/L		09/09/19 09:35	09/10/19 20:51	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/16/19 12:05	09/16/19 15:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**596**	**B**	10.0	4.0	mg/L			09/09/19 09:52	1

Surrogate Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-158723-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Matrix: Surface Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		DCA	BFB	TOL
Lab Sample ID	Client Sample ID	(68-130)	(76-123)	(77-120)
480-158723-1	SW-1	103	106	98
480-158723-2	SW-2	101	104	97
480-158723-3	SW-3	99	106	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: 624 - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		DCA	BFB	TOL
Lab Sample ID	Client Sample ID	(68-130)	(76-123)	(77-120)
LCS 480-490487/5	Lab Control Sample	96	102	97
MB 480-490487/7	Method Blank	101	103	97

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: 624 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-490487/7
Matrix: Water
Analysis Batch: 490487

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			09/06/19 10:36	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			09/06/19 10:36	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			09/06/19 10:36	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/06/19 10:36	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/06/19 10:36	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			09/06/19 10:36	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			09/06/19 10:36	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			09/06/19 10:36	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			09/06/19 10:36	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			09/06/19 10:36	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			09/06/19 10:36	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			09/06/19 10:36	1
Acrolein	ND		100	17	ug/L			09/06/19 10:36	1
Acrylonitrile	ND		50	1.9	ug/L			09/06/19 10:36	1
Benzene	ND		5.0	0.60	ug/L			09/06/19 10:36	1
Bromoform	ND		5.0	0.47	ug/L			09/06/19 10:36	1
Bromomethane	ND		5.0	1.2	ug/L			09/06/19 10:36	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			09/06/19 10:36	1
Chlorobenzene	ND		5.0	0.48	ug/L			09/06/19 10:36	1
Chlorodibromomethane	ND		5.0	0.41	ug/L			09/06/19 10:36	1
Chloroethane	ND		5.0	0.87	ug/L			09/06/19 10:36	1
Chloroform	ND		5.0	0.54	ug/L			09/06/19 10:36	1
Chloromethane	ND		5.0	0.64	ug/L			09/06/19 10:36	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			09/06/19 10:36	1
Dichlorobromomethane	ND		5.0	0.54	ug/L			09/06/19 10:36	1
Ethylbenzene	ND		5.0	0.46	ug/L			09/06/19 10:36	1
Methylene Chloride	ND		5.0	0.81	ug/L			09/06/19 10:36	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/06/19 10:36	1
Toluene	ND		5.0	0.45	ug/L			09/06/19 10:36	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			09/06/19 10:36	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			09/06/19 10:36	1
Trichloroethene	ND		5.0	0.60	ug/L			09/06/19 10:36	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/06/19 10:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*68 - 130*		*09/06/19 10:36*	*1*
4-Bromofluorobenzene (Surr)	*103*		*76 - 123*		*09/06/19 10:36*	*1*
Toluene-d8 (Surr)	*97*		*77 - 120*		*09/06/19 10:36*	*1*

Lab Sample ID: LCS 480-490487/5
Matrix: Water
Analysis Batch: 490487

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	21.2		ug/L		106	52 - 162
1,1,2,2-Tetrachloroethane	20.0	17.2		ug/L		86	46 - 157
1,1,2-Trichloroethane	20.0	18.6		ug/L		93	52 - 150
1,1-Dichloroethane	20.0	21.9		ug/L		109	59 - 155

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-490487/5
Matrix: Water
Analysis Batch: 490487

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	20.0	22.2		ug/L		111	1 - 234
1,2-Dichlorobenzene	20.0	19.1		ug/L		95	18 - 190
1,2-Dichloroethane	20.0	20.0		ug/L		100	49 - 155
1,2-Dichloropropane	20.0	21.0		ug/L		105	1 - 210
1,3-Dichlorobenzene	20.0	19.2		ug/L		96	59 - 156
1,4-Dichlorobenzene	20.0	19.2		ug/L		96	18 - 190
2-Chloroethyl vinyl ether	20.0	18.9	J	ug/L		95	1 - 305
Benzene	20.0	21.4		ug/L		107	37 - 151
Bromoform	20.0	17.5		ug/L		87	45 - 169
Bromomethane	20.0	23.2		ug/L		116	1 - 242
Carbon tetrachloride	20.0	21.2		ug/L		106	70 - 140
Chlorobenzene	20.0	19.8		ug/L		99	37 - 160
Chlorodibromomethane	20.0	18.2		ug/L		91	53 - 149
Chloroethane	20.0	22.1		ug/L		110	14 - 230
Chloroform	20.0	21.0		ug/L		105	51 - 138
Chloromethane	20.0	23.2		ug/L		116	1 - 273
cis-1,3-Dichloropropene	20.0	20.5		ug/L		103	1 - 227
Dichlorobromomethane	20.0	20.5		ug/L		102	35 - 155
Ethylbenzene	20.0	20.5		ug/L		102	37 - 162
Methylene Chloride	20.0	21.4		ug/L		107	1 - 221
Tetrachloroethene	20.0	20.2		ug/L		101	64 - 148
Toluene	20.0	20.2		ug/L		101	47 - 150
trans-1,2-Dichloroethene	20.0	21.6		ug/L		108	54 - 156
trans-1,3-Dichloropropene	20.0	18.2		ug/L		91	17 - 183
Trichloroethene	20.0	21.5		ug/L		108	71 - 157
Vinyl chloride	20.0	23.0		ug/L		115	1 - 251

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*68 - 130*
4-Bromofluorobenzene (Surr)	*102*		*76 - 123*
Toluene-d8 (Surr)	*97*		*77 - 120*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-490691/1-A
Matrix: Water
Analysis Batch: 491322

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 490691

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.020	0.0068	mg/L		09/09/19 09:35	09/10/19 18:53	1
Arsenic	ND		0.015	0.0056	mg/L		09/09/19 09:35	09/10/19 18:53	1
Beryllium	ND		0.0020	0.00030	mg/L		09/09/19 09:35	09/10/19 18:53	1
Cadmium	ND		0.0020	0.00050	mg/L		09/09/19 09:35	09/10/19 18:53	1
Chromium	ND		0.0040	0.0010	mg/L		09/09/19 09:35	09/10/19 18:53	1
Copper	ND		0.010	0.0016	mg/L		09/09/19 09:35	09/10/19 18:53	1
Lead	ND		0.010	0.0030	mg/L		09/09/19 09:35	09/10/19 18:53	1
Nickel	ND		0.010	0.0013	mg/L		09/09/19 09:35	09/10/19 18:53	1
Selenium	ND		0.025	0.0087	mg/L		09/09/19 09:35	09/10/19 18:53	1
Silver	ND		0.0060	0.0017	mg/L		09/09/19 09:35	09/10/19 18:53	1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 480-490691/1-A
Matrix: Water
Analysis Batch: 491322

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 490691

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		0.020	0.010	mg/L		09/09/19 09:35	09/10/19 18:53	1
Zinc	ND		0.010	0.0015	mg/L		09/09/19 09:35	09/10/19 18:53	1

Lab Sample ID: LCS 480-490691/2-A
Matrix: Water
Analysis Batch: 491322

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 490691

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.200	0.211		mg/L		106	80 - 120
Arsenic	0.200	0.196		mg/L		98	80 - 120
Beryllium	0.200	0.196		mg/L		98	80 - 120
Cadmium	0.200	0.195		mg/L		98	80 - 120
Chromium	0.200	0.198		mg/L		99	80 - 120
Copper	0.200	0.190		mg/L		95	80 - 120
Lead	0.200	0.186		mg/L		93	80 - 120
Nickel	0.200	0.189		mg/L		95	80 - 120
Selenium	0.200	0.191		mg/L		96	80 - 120
Silver	0.0500	0.0492		mg/L		98	80 - 120
Thallium	0.200	0.198		mg/L		99	80 - 120
Zinc	0.200	0.202		mg/L		101	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-492283/1-A
Matrix: Water
Analysis Batch: 492364

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 492283

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/16/19 12:05	09/16/19 15:24	1

Lab Sample ID: LCS 480-492283/2-A
Matrix: Water
Analysis Batch: 492364

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 492283

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00680		mg/L		102	80 - 120

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 480-490891/1
Matrix: Water
Analysis Batch: 490891

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	4.00	J	10.0	4.0	mg/L			09/09/19 09:52	1

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-158723-1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCS 480-490891/2
Matrix: Water
Analysis Batch: 490891

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	500	489.0		mg/L		98	85 - 115

QC Association Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-158723-1

GC/MS VOA

Analysis Batch: 490487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158723-1	SW-1	Total/NA	Surface Water	624	
480-158723-2	SW-2	Total/NA	Surface Water	624	
480-158723-3	SW-3	Total/NA	Surface Water	624	
MB 480-490487/7	Method Blank	Total/NA	Water	624	
LCS 480-490487/5	Lab Control Sample	Total/NA	Water	624	

Metals

Prep Batch: 490691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158723-1	SW-1	Total/NA	Surface Water	3005A	
480-158723-2	SW-2	Total/NA	Surface Water	3005A	
480-158723-3	SW-3	Total/NA	Surface Water	3005A	
MB 480-490691/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-490691/2-A	Lab Control Sample	Total/NA	Water	3005A	

Analysis Batch: 491322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158723-1	SW-1	Total/NA	Surface Water	6010C	490691
480-158723-2	SW-2	Total/NA	Surface Water	6010C	490691
480-158723-3	SW-3	Total/NA	Surface Water	6010C	490691
MB 480-490691/1-A	Method Blank	Total/NA	Water	6010C	490691
LCS 480-490691/2-A	Lab Control Sample	Total/NA	Water	6010C	490691

Prep Batch: 492283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158723-1	SW-1	Total/NA	Surface Water	7470A	
480-158723-2	SW-2	Total/NA	Surface Water	7470A	
480-158723-3	SW-3	Total/NA	Surface Water	7470A	
MB 480-492283/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-492283/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 492364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158723-1	SW-1	Total/NA	Surface Water	7470A	492283
480-158723-2	SW-2	Total/NA	Surface Water	7470A	492283
480-158723-3	SW-3	Total/NA	Surface Water	7470A	492283
MB 480-492283/1-A	Method Blank	Total/NA	Water	7470A	492283
LCS 480-492283/2-A	Lab Control Sample	Total/NA	Water	7470A	492283

General Chemistry

Analysis Batch: 490891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158723-1	SW-1	Total/NA	Surface Water	SM 2540C	
480-158723-2	SW-2	Total/NA	Surface Water	SM 2540C	
480-158723-3	SW-3	Total/NA	Surface Water	SM 2540C	
MB 480-490891/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 480-490891/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-158723-1

Client Sample ID: SW-1

Lab Sample ID: 480-158723-1

Date Collected: 09/05/19 10:00

Matrix: Surface Water

Date Received: 09/06/19 06:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	490487	09/06/19 18:30	S1V	TAL BUF
Total/NA	Prep	3005A			490691	09/09/19 09:35	EMB	TAL BUF
Total/NA	Analysis	6010C		1	491322	09/10/19 20:33	AMH	TAL BUF
Total/NA	Prep	7470A			492283	09/16/19 12:05	BMB	TAL BUF
Total/NA	Analysis	7470A		1	492364	09/16/19 15:33	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	490891	09/09/19 09:52	ZFM	TAL BUF

Client Sample ID: SW-2

Lab Sample ID: 480-158723-2

Date Collected: 09/05/19 09:30

Matrix: Surface Water

Date Received: 09/06/19 06:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	490487	09/06/19 18:53	S1V	TAL BUF
Total/NA	Prep	3005A			490691	09/09/19 09:35	EMB	TAL BUF
Total/NA	Analysis	6010C		1	491322	09/10/19 20:48	AMH	TAL BUF
Total/NA	Prep	7470A			492283	09/16/19 12:05	BMB	TAL BUF
Total/NA	Analysis	7470A		1	492364	09/16/19 15:29	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	490891	09/09/19 09:52	ZFM	TAL BUF

Client Sample ID: SW-3

Lab Sample ID: 480-158723-3

Date Collected: 09/05/19 10:15

Matrix: Surface Water

Date Received: 09/06/19 06:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	490487	09/06/19 19:17	S1V	TAL BUF
Total/NA	Prep	3005A			490691	09/09/19 09:35	EMB	TAL BUF
Total/NA	Analysis	6010C		1	491322	09/10/19 20:51	AMH	TAL BUF
Total/NA	Prep	7470A			492283	09/16/19 12:05	BMB	TAL BUF
Total/NA	Analysis	7470A		1	492364	09/16/19 15:34	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	490891	09/09/19 09:52	ZFM	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-158723-1

Laboratory: Eurofins TestAmerica, Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
624		Surface Water	1,1,1-Trichloroethane
624		Surface Water	1,1,2,2-Tetrachloroethane
624		Surface Water	1,1,2-Trichloroethane
624		Surface Water	1,1-Dichloroethane
624		Surface Water	1,1-Dichloroethene
624		Surface Water	1,2-Dichlorobenzene
624		Surface Water	1,2-Dichloroethane
624		Surface Water	1,2-Dichloroethene, Total
624		Surface Water	1,2-Dichloropropane
624		Surface Water	1,3-Dichlorobenzene
624		Surface Water	1,4-Dichlorobenzene
624		Surface Water	2-Chloroethyl vinyl ether
624		Surface Water	Acrolein
624		Surface Water	Acrylonitrile
624		Surface Water	Benzene
624		Surface Water	Bromoform
624		Surface Water	Bromomethane
624		Surface Water	Carbon tetrachloride
624		Surface Water	Chlorobenzene
624		Surface Water	Chlorodibromomethane
624		Surface Water	Chloroethane
624		Surface Water	Chloroform
624		Surface Water	Chloromethane
624		Surface Water	cis-1,3-Dichloropropene
624		Surface Water	Dichlorobromomethane
624		Surface Water	Ethylbenzene
624		Surface Water	Methylene Chloride
624		Surface Water	Tetrachloroethene
624		Surface Water	Toluene
624		Surface Water	trans-1,2-Dichloroethene
624		Surface Water	trans-1,3-Dichloropropene
624		Surface Water	Trichloroethene
624		Surface Water	Vinyl chloride

Method Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-158723-1

Method	Method Description	Protocol	Laboratory
624	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL BUF
3005A	Preparation, Total Metals	SW846	TAL BUF
7470A	Preparation, Mercury	SW846	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Town of Dewitt
Project/Site: Town of Dewitt

Job ID: 480-158723-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-158723-1	SW-1	Surface Water	09/05/19 10:00	09/06/19 06:15	
480-158723-2	SW-2	Surface Water	09/05/19 09:30	09/06/19 06:15	
480-158723-3	SW-3	Surface Water	09/05/19 10:15	09/06/19 06:15	

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing TestAmerica

480-158723 Chain of Custody

Client Information	Sampler: Tim Knollman	Lab PM: Johnson, Orlette S	Carrier: S
Client Contact: Michael Moracco	Phone: 413-230-8415	E-Mail: orlette.johnson@testamericainc.com	
Company: Town of Dewitt		Analysis Requeste	
Address: 5400 Butternut Drive	Due Date Requested:		
City: East Syracuse	TAT Requested (days):		
State, Zip: NY, 13057			
Phone: 315-446-3910(Tel)	PO #: Purchase Order not required		
Email: mmoracco@townofdewitt.com	WO #:		
Project Name: Town of Dewitt/ Event Desc: Surfacewater - Quarterly (3,6,9,12)	Project #: 48009871		
Site: New York	SSOW#:		

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010C - Priority Pollutant Metals - Filtered	6010C, 7470A	624_5ml - Priority Pollutant List - VOA - 624	2540C_Calcd - Total Dissolved Solids	7470A - Mercury - Filtered	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	D	A	N	N	X	
SW-1	9-5-19	1000		Water				X	X	X			
SW-2	9-5-19	0930		Water				X	X	X			
SW-3	9-5-19	1015		Water				X	X	X			
Trip Blank				Water					X				

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Tim Knollman	9-5-19 1900	EUROFINS TA	Orlette	9/6/19 0615	DAB
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		#1 2.1

Ver: 01/16/2019

FIELD OBSERVATIONS

Facility: Town of Dewitt LF Sample Point ID: SW-1

Field Personnel: TDC Sample Matrix: SW

SAMPLING INFORMATION:

Date/Time: 9-5-19 1000

Method of Sampling: Bailer Grab Dedicated: YES

Diameter of Well: NA

Well Depth (from top of PVC):

Water Depth (from top of PVC):

Length of water Column:

Purge Volume: LWC x 0.17 x 3= Volume Purged

Methane Reading

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1000	8.57	7.81	896	38.4	-51.0	4.29

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #:
Turbidity 1.0 Serial #:
Turbidity 10.0 Serial #:

See Page 1

pH 4.0 Serial #:
pH 7.0 Serial #:
pH 10.0 Serial #:

Cond Serial #: umhos/cm@25 C

ORP Serial # Mv

DO Calibrated to @

Weather conditions @ time of sampling: SUNNY 60's

COMMENTS AND OBSERVATIONS:

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 9/5/19 By: TDC Company: Eurofins TA

(2)

FIELD OBSERVATIONS

Facility: Town of Dewitt LF Sample Point ID: SW-2

Field Personnel: TDK Sample Matrix: SW

SAMPLING INFORMATION:

Date/Time 9-5-19 / 0930

Method of Sampling: Bailer Grab Dedicated: YES

Diameter of Well
Well Depth (from top of PVC)
Water Depth (from top of PVC)
Length of water Column
Purge Volume: LWC x 0.17 x 3= Volume Purged

Methane Reading NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
0930	7.47	7.61	966	14.3	96.2	4.71

Lamotte 2020 Turbidity meter

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: 18262551 Exp 2-20
Turbidity 1.0 Serial #: C8013206B Exp 11-19
Turbidity 10.0 Serial #: 18064981 Exp 10-19

YSI 556 : multi meter

pH 4.0 Serial #: 86E 305 Exp 5-20
pH 7.0 Serial #: 86E 54 Exp 5-20
pH 10.0 Serial #: 86B 506 Exp 2-20

Cond Serial #: 18397435 1.413 umhos/cm@25 C Exp 5-20

ORP Serial # 2446 240 Mv Exp 1-23

DO Calibrated to 98.6% @ 417'

Weather conditions @ time of sampling: Sunny 60's

COMMENTS AND OBSERVATIONS:

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 9/15/19 By: TDK Company: Eurofins TA

1

FIELD OBSERVATIONS

Facility: Town of Dewitt LF Sample Point ID: SW-3

Field Personnel: TDK Sample Matrix: SW

SAMPLING INFORMATION:

Date/Time: 9-5-19 1015

Method of Sampling: Bailer Grab Dedicated: YES

Diameter of Well
Well Depth (from top of PVC)
Water Depth (from top of PVC)
Length of water Column
Purge Volume: LWC x 0.17 x 3= Volume Purged

Methane Reading: NA

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
1015	8.20	7.64	1018	34.1	-125.3	3.67

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #:
Turbidity 1.0 Serial #:
Turbidity 10.0 Serial #:

See page 1

pH 4.0 Serial #:
pH 7.0 Serial #:
pH 10.0 Serial #:

Cond Serial #: umhos/cm@25 C

ORP Serial # Mv

DO Calibrated to @

Weather conditions @ time of sampling: SUNNY 60s

COMMENTS AND OBSERVATIONS:

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 9/5/19 By: TDK Company: Eurofins TA

(3)

Login Sample Receipt Checklist

Client: Town of Dewitt

Job Number: 480-158723-1

Login Number: 158723

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Stopa, Erik S

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	TOWN OF DEWITT
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	