



**Department of
Environmental
Conservation**

FORT EDWARD LANDFILL 2021 GROUNDWATER MONITORING REPORT

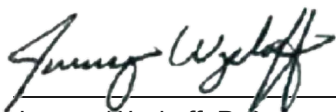
Site Number 558001

December 2021

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Fort Edward Landfill 2021 Groundwater Monitoring Report

NYSDEC Site Number 558001

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ACRONYMS AND ABBREVIATIONS

Arcadis	Arcadis of New York, Inc.
Aztech	Aztech Technologies, Inc
BSGV	Bioaccumulation-based Sediment Guidance Value
COC	Chain-of-Custody
CWTS	Constructed wetland treatment cells
DO	Dissolved oxygen
EW	Extraction well
GE	General Electric, Inc.
GGFC	Glens Falls Feeder Canal
IRM	Interim Remedial Measure
MW	Monitoring well
mg/Kg	milligram per kilogram
mg/L	milligram per liter
µg/Kg	microgram per kilogram
µg/L	microgram per liter
ng/L	nanogram per liter
NYCRR	New York Codes, Rules, and Regulations
NYS	New York State
NYSDEC	New York State Department of Environmental Conservation
O&M	Operation and Maintenance
OM&M	Operation, maintenance, and monitoring
ORP	Oxidation-Reduction Potential
PCBs	Polychlorinated biphenyls
PFAS	Perfluorinated alkyl substances
PFBA	Perfluorobutanoic acid
PFHxA	Perfluorohexanoic acid
PFOA	Perfluorooctanoic acid
PFOS	Perfluorooctanesulfonic acid
PFPeA	Perfluoropentanoic acid

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RSO	Remedial System Optimization
SGV	Sediment Guidance Value
SMP	Site Management Plan
TAL	Target Analyte List
TCL	Target Compound List
TDS	Total dissolved solids
TOGS	Technical & Operational Guidance Series
TSS	Total suspended solids
VOCs	Volatile organic compounds
USEPA	United States Environmental Protection Agency

EXECUTIVE SUMMARY

This Groundwater Monitoring Report is a required element of the remedial program and the August 2015 Site Management Plan (SMP) for the Fort Edward Landfill located in Fort Edward, New York (hereinafter referred to as the “site”). The site is currently in the New York State (NYS) Inactive Hazardous Waste Disposal Site Remedial Program, New York State Department of Environmental Conservation (NYSDEC) Site No. 558001, which is administered by the NYSDEC. Arcadis has prepared this report to summarize the 2021 groundwater, surface water, sediment, and soil sampling results.

General Electric, Inc. (GE) historically disposed of approximately 850 tons of polychlorinated biphenyl (PCB)-containing scrap capacitors at this landfill. This waste represents approximately 79% of the total hazardous waste identified at this site. As a result of the 1980 "Seven Site Agreement" with the NYSDEC, GE produced a report in 1983 recommending encapsulation of the landfill within a slurry wall and cap; however, operation continued until 1991 and the proposed remedy was not initiated. Due to the extended operation of this landfill and the given problems associated with a similar encapsulation remedy taken at the adjacent Kingsbury Landfill (Site 5-58-008), the 1983 Remedial Design proposal was modified. The modified remedy included the construction of a low permeable landfill cap and a leachate collection system, and the construction of a pre-treatment building with final treatment in the three (3) constructed wetland treatment cells (CWTS) (Cell 1, Cell 2, and Cell 3) and a polishing pond.

Based upon remedial and pre-design investigations, it was concluded that landfill-derived contaminants, including polychlorinated biphenyls (PCBs), volatile organic compounds (VOCs), and iron were migrating from the site through the pathways of groundwater and leachate seepage to surface water. PCBs have been present in wells upgradient, downgradient, and in the footprint of the landfill.

As part of the corrective measures process, leachate collection and treatment system upgrades were completed in 2017. Performance of the upgraded system was evaluated and documented in the 2017 Periodic Review Report and Annual Groundwater Report. There were three drilling events during which an additional nine groundwater monitoring wells and six temporary monitoring wells were installed across the site. These activities were performed in November and December 2019, and February 2021, and are discussed in detail within the Phase 3 Site Evaluation Report.

1 SITE OVERVIEW

The Fort Edward Landfill is a roughly 23-acre site located at 45 Leavy Hollow Lane in the Town of Fort Edward, New York (Figure 1). The site is bounded by the Glens Falls Feeder Canal to the northeast; by a wooded area, private residences and commercial businesses (Burgoyne Avenue) to the northwest; by Leavy Hollow Lane and private residences to the west and southwest; by farm fields to the south and east; and by a bike path to the east.

The landfill contains non-hazardous municipal waste and hazardous industrial waste, including PCB-containing electrical components and solvents. The landfill requires continued site management including operation, maintenance and monitoring (OM&M) of the active leachate collection and treatment system, which has been in operation since late 1998.

The geology underlying the site consists of variable thickness of glacially deposited sediment underlain by black shale bedrock. The glacial sediment consists of delta sands and interbedded sand-clay lenses. The deltaic sediments overlay lacustrine clay and glacial till. Extraction well EW-1 is screened at the landfill waste/delta sand interface and extraction wells EW-2 and EW-3 are screened within the glacial sediments below the landfill waste. Leachate extracted from EW-1 through EW-3 is pumped through a force main to the treatment system.

Perforated piping was installed along the perimeter of the south, and portions of the eastern, landfill cells, to collect leachate. The leachate collected in these pipes drains by gravity to a leachate collection well (EW-4). From there, the leachate is pumped through the force main to the treatment system.

1.1 Site Description

Topography in the immediate vicinity of the site is characterized by undulating hills, interspersed with slopes and small depressions. The eastern portion of the site is distinguished as a flat, low-lying area which contains several substantial wetlands. A gravel road provides access to the top of the landfill and the wetland expansion areas to the east. Residences are located nearby to the south and the west.

1.2 Site History

The Fort Edward Landfill was used for the disposal of approximately 70% municipal waste and approximately 30% PCB-containing scrap capacitor waste from GE, as well as solvents, from 1969 to 1982. Following a rise in public concern regarding the use of PCBs in the late 1970s, investigation began on the Fort Edward Landfill Site among others, and the site was placed on the New York State Registry of Inactive Hazardous Waste Sites (Site No. 558001).

In 1984, the NYSDEC approved plans and specifications for a containment remedy for the landfill, but allowed the Town of Fort Edward to receive non-hazardous municipal waste until a waste management system was implemented. The landfill was closed in 1991, and a temporary soil cap was installed over the waste materials between 1990 and 1993.

1.3 Landfill Closure, Remedial Activities, and Current Status

The landfill was covered with a multi-layer cap in 1997 and 1998. Prior to installation of the final cover system, the entire landfill was rough graded. Over 110,000 cubic yards of stripped soils and excavated materials were relocated and compacted along with 46,000 cubic yards of imported structural fill.

The leachate collection and treatment system were designed by URS beginning in 1995, and construction began in July 1997, in parallel to the landfill cap construction.

The remedial system began operating in September 1998. In October 1998, the air stripper was taken off-line since the VOCs were sufficiently being removed by the CWTS. The Operation and Maintenance (O&M) of the treatment system and groundwater monitoring responsibilities were assigned to AECOM in June 2007. O&M responsibilities were then transferred from AECOM to Aztech Technologies, Inc. (Aztech) in May 2009. Monitoring and maintenance reporting responsibilities were transferred to HRP in 2011, with Aztech still maintaining on-site O&M activities. In August 2015 HRP prepared a Remedial System Optimization (RSO) plan which was submitted to NYSDEC. The RSO plan outlined the necessary tasks required to improve the existing leachate collection and treatment system. HRP prepared a Site Management Plan (SMP) which was submitted to the NYSDEC in August 2015.

In August 2016, the site O&M responsibilities were transferred to Arcadis. Arcadis has implemented the RSO recommendations, which include completion of the pre-treatment system, building upgrades, and treatment cell piping modifications. In March 2020, the site O&M responsibilities were transferred to Aztech due to NYSDEC contract limitations. Arcadis resumed O&M responsibilities in January 2021.

In accordance with the SMP, the following environmental monitoring activities were completed in 2021:

- Groundwater sampling;
- Leachate sampling;
- Surface water sampling;
- Sediment sampling;
- Soil sampling; and
- Treatment system sampling.

Groundwater, leachate, surface water, sediment, and soil sampling were conducted at the site in May 2021. The following sections describe the 2021 monitoring activities in further detail. The O&M upgrades and monthly treatment system sampling results are reported separately in monthly reports to the NYSDEC.

2 GROUNDWATER MONITORING PROGRAM

Groundwater monitoring was conducted in May 2021 in accordance with the five-quarter sampling frequency defined in the site SMP and in consultation with the NYSDEC. During the sampling event, twenty-two monitoring wells (MW-1, MW-1A, MW-1D, MW-2, MW-2A, MW-5, MW-6, MW-6A, MW-6B, MW-7, MW-8, MW-9 (formerly MW-NEW), MW-11, MW-12A, MW-12B, MW-13A, MW-13B, MW-14A, MW-14B, MW-15, MW-16, and MW-17), three extraction wells (EW-1 through EW-3), and leachate collection well EW-4 (Figure 2) were sampled. The next groundwater sampling event is scheduled for the third quarter of 2022.

2.1 Groundwater Monitoring Well Inspection

The integrity of each well was evaluated, and the results recorded on the groundwater sampling purge logs (Appendix A). As indicated on the inspection logs, the monitoring wells are in acceptable condition and no significant problems were reported.

2.2 Water Well Survey

The network of monitoring wells (Figure 2) was installed to monitor both upgradient and downgradient groundwater conditions at the site. Prior to sampling each well, depth to water was measured to the nearest hundredth of a foot using an electronic water level indicator. A summary of these data is presented in Table 1.

Potentiometric contours based on groundwater levels measured in monitoring wells screened in the shallow deltaic sand unit are presented on Figure 2. As shown on Figure 2, the direction of groundwater flow is generally toward the east-southeast, consistent with previous measurements.

2.3 Groundwater and Leachate Sampling

Each monitoring well was sampled in accordance with United States Environmental Protection Agency (USEPA) low-flow groundwater sampling techniques using either a bladder pump or a peristaltic pump, each with single-use disposable tubing. Prior to use at each monitoring well, the bladder pump and water level indicator were decontaminated with Alconox followed by a deionized water rinse. Grab samples were collected at each extraction well and the leachate collection well using new polyvinyl chloride (PVC) disposable bailers.

Prior to sampling, groundwater was pumped through a flow cell equipped with a multi-parameter probe (e.g., Horiba®) and temperature, conductivity, pH, turbidity, dissolved oxygen (DO), and oxidation-reduction potential (ORP) measurements were recorded on groundwater sampling purge logs (Appendix A). All groundwater samples were collected in laboratory-provided containers in decreasing order of volatility. Samples were packed on ice, placed in cooler, and submitted under Chain-of-Custody (COC) procedures to Eurofins TestAmerica for analysis of Target Compound List (TCL) VOCs, PCBs, Target Analyte List (TAL) metals and mercury, total dissolved solids (TDS), and total suspended solids (TSS), perfluorinated alkyl substances (PFAS), and 1,4-dioxane. The laboratory analytical data reports are provided in Appendix B, and the Data Usability Summary Reports are provided in Appendix C.

In accordance with a request from the New York State Department of Health (NYSDOH), split samples were collected for PFAS analysis at monitoring wells MW-8, MW-9, MW-12A, leachate extraction wells EW-1, EW-2, EW-3, leachate collection well EW-4, and the Treatment System Influent. NYSDOH transported the samples offsite to Wadsworth Center for analysis and the results have not been provided to Arcadis to date.

2.4 Groundwater and Leachate Analytical Results

Twenty-two monitoring wells, three extraction wells, and the leachate collection well (listed above in Section 2.0) were sampled on May 17 through May 20, 2021 by Arcadis in accordance with the SMP. Analytical results were compared to previous results at each sampling location and to the applicable New York State Ambient Water Quality Standards and Guidance Values (Class GA for groundwater) as provided under NYSDEC Technical & Operational Guidance Series (TOGS) 1.1.1. A summary of the groundwater and leachate data is presented in Tables 2 through 7.

2.4.1 VOCs

The May 2021 analytical data for VOCs are summarized on Table 2 and Figure 3. VOCs were detected at concentrations greater than the NYSDEC Class GA Standards in monitoring wells MW-5, MW-6, MW-12A, MW-12B, and MW-17, and extraction wells EW-1, EW-2, and EW-3 as summarized below:

- Acetone (140 micrograms per liter [$\mu\text{g/L}$]) and vinyl chloride (320 $\mu\text{g/L}$) in the sample from MW-5.
- Benzene (1.8 $\mu\text{g/L}$) and chlorobenzene (14 $\mu\text{g/L}$) in the sample from MW-6.
- Benzene (1.3 $\mu\text{g/L}$ estimated) in the sample from MW-12A.
- Benzene (1.1 $\mu\text{g/L}$ estimated) in the sample from MW-12B.
- Ethylbenzene (33 $\mu\text{g/L}$) and isopropylbenzene (9.0 $\mu\text{g/L}$ estimated) in the sample from MW-17.
- Benzene (9.7 $\mu\text{g/L}$ estimated), chlorobenzene (12 $\mu\text{g/L}$), cis-1,2-dichloroethene (390 $\mu\text{g/L}$), toluene (13 $\mu\text{g/L}$), vinyl chloride (560 $\mu\text{g/L}$), and total xylenes (25 $\mu\text{g/L}$) in the sample from extraction well EW-1.
- Benzene (3.4 $\mu\text{g/L}$) in the sample from EW-2.
- Benzene (2.4 $\mu\text{g/L}$), chlorobenzene (19 $\mu\text{g/L}$), and 1,4-dichlorobenzene (5.4 $\mu\text{g/L}$) in the sample from EW-3.

Total VOC concentrations in groundwater samples collected from May 1995 to May 2021 are presented on Table 3. As shown on Table 3, the total VOC concentrations in the upgradient monitoring wells (MW-1, MW-1A, MW-1D, and MW-8) have generally decreased from 2010 through 2021, with the exception of the 2016 sample from MW-1A (451 $\mu\text{g/L}$). Prior to 2016, the maximum concentration of total VOCs in samples from this well was detected in 1995 (11 $\mu\text{g/L}$). In May 2021, no VOCs were detected in the samples from MW-1A. Therefore, the 2016 result may be anomalous.

As shown on Table 3, the total VOC concentrations in cross-gradient monitoring wells (MW-2, MW-2A, MW-6, MW-6A, MW-6B, and MW-7) have been generally consistent since 2007. The last detection of

VOCs in samples from MW-2A was in 2004 (4.0 µg/L) and 2017 (0.28 µg/L estimated). Total VOC concentrations in samples collected from MW-6 have remained relatively constant between 2007 and 2021 (approximately 23 µg/L). However, there was a slight increase to 40.75 µg/L in 2015, and then decreased to 19 µg/L in 2021. At MW-6A, VOC concentrations increased from 8.0 µg/L to 67.7 µg/L between 2007 and 2011 but have decreased to 12.71 µg/L in 2021. No VOCs have been detected at MW-6B since May 1999, with the exception of a low total VOC concentration of 0.94 µg/L in 2015.

As shown on Table 3, the total VOC concentrations in downgradient monitoring wells (MW-5, MW-9, MW-12A, MW-12B, MW-13A, MW-13B, MW-14A, MW-14B, MW-15, MW-16, and MW-17) have been generally consistent since 2007. At MW-5, VOC concentrations have increased from 8,641 µg/L to 50,271 µg/L between 1995 and 2001 but have decreased to 461.6 µg/L in 2021. VOCs were not detected in the sample from MW-9 in 2021. As shown in Table 3, the last detections of VOCs in samples from this well was in 2004 (4.0 µg/L) and 2017 (5.2 µg/L).

As shown in Table 3, total VOC concentrations in extraction wells EW-1 through EW-3 have generally increased since 2013. The extraction wells were not in operation in 2016 and were brought back online in May 2017 intermittently. As indicated in Section 1, groundwater extracted from these wells is directed through the leachate treatment system.

VOCs were not detected in leachate collection well EW-4 during the May 2021 sampling event. These data will continue to be evaluated during future sampling events.

2.4.2 PCBs

PCB data for the May 2021 groundwater and leachate sampling event are summarized on Table 4. Historical results for PCBs in upgradient and downgradient monitoring wells are presented on Table 3.

As shown on Table 4, PCBs were not detected in any of the samples collected from the groundwater monitoring wells during the 2021 sampling event with the exception of MW-6 (0.79 µg/L for PCB Aroclor 1232). PCBs have been detected in monitoring well MW-6 since 2004, however, as shown on Table 3, PCBs have historically been detected in upgradient, cross-gradient, and downgradient groundwater samples from 2012 to 2016. The absence of PCBs in the samples since 2017 may possibly be explained by differences in groundwater sampling techniques. In 2016, groundwater samples were collected by purging multiple well volumes using an electric submersible sample pump prior to sample collection. As indicated in Section 2.3, since 2017, groundwater sampling has been performed in accordance with USEPA low-flow sampling techniques. This method limits drawdown and disturbance in the well during purging and sampling. Therefore, higher concentrations of PCBs may correspond to sampling events where more aggressive purging techniques were used, which could mobilize PCBs that were entrained in the sand pack of the monitoring well and/or the surrounding formation.

Table 4 shows that PCB Aroclor 1016 was detected in the samples collected from extraction well EW-1 (8,600 µg/L) and leachate collection well EW-2 (0.3 µg/L estimated) at concentrations greater than the NYSDEC Class GA Standard of 0.09 µg/L. PCB Aroclor 1232 was also detected above the standard of 0.09 µg/L in the samples collected from EW-3 (1.9 µg/L) and EW-4 (1.1 µg/L). Table 3 shows that these concentrations are greater than the historic PCB results at these locations. However, as indicated in Section 2.4.1, extraction wells EW-1 through EW-3 were brought online temporarily starting in 2017.

Therefore, PCB concentrations will continue to be monitored to assess the impacts of groundwater extraction on PCB concentrations.

2.4.3 Metals

Metals data for the May 2021 groundwater and leachate sampling event are summarized on Table 5. As shown on Table 5, with the exception of MW-8 and MW-11, at least one metal was detected at a concentration greater than the respective NYSDEC Class GA Standards in samples from the twenty-two monitoring wells, extraction wells EW-1 through EW-3, and leachate collection well EW-4. MW-5 was not analyzed for metals in the May 2021 sampling event due to low well volume during sample collection. The metals exceedances during the May 2021 event were iron, magnesium, manganese, and sodium.

2.4.3.1 Iron

Iron concentrations exceeded the NYSDEC Class GA Standard of 0.3 milligrams per liter (mg/L) in groundwater samples collected from twelve of the twenty-two monitoring wells, all three extraction wells, and the leachate collection well during the May 2021 sampling event. The concentrations exceeding the NYSDEC Class GA Standard ranged from 0.457 mg/L (MW-13A) to 146 mg/L (MW-7) (Table 5).

Historical data trends for iron are summarized on Table 3. As shown on Table 3, iron concentrations in samples from upgradient monitoring wells have generally been decreasing since 2007. The concentrations of iron in the upgradient wells remain below the respective NYSDEC Class GA Standard. As presented on Table 3, the iron concentrations in the samples from cross-gradient and downgradient monitoring wells were all greater than the corresponding NYSDEC Class GA Standard of 0.3 mg/L.

2.4.3.2 Magnesium

Seven of the twenty-two groundwater samples and the three extraction well samples (EW-1 through EW-3) contained concentrations of magnesium that exceeded the NYSDEC Class GA Standard of 35 mg/L. As shown on Table 5, magnesium concentrations that exceeded the NYSDEC Class GA Standard ranged from 37 mg/L (EW-3) to 142 mg/L (MW-9).

2.4.3.3 Manganese

Manganese concentrations exceeded the NYSDEC Class GA Standard of 0.3 mg/L in samples from eight of the twenty-two monitoring wells, two of the three extraction wells, and the leachate collection well during the May 2021 groundwater sampling event (Table 5). Manganese concentrations that exceeded the NYSDEC Class GA Standard ranged from 0.304 mg/L (MW-2A) to 2.94 mg/L (MW-7).

2.4.3.4 Sodium

As shown on Table 5, sodium concentrations exceeded the NYSDEC Class GA Standard of 20 mg/L in samples from sixteen of the twenty-two monitoring wells, the three extraction wells, and the leachate collection well samples. The sodium concentrations that exceeded the NYSDEC Class GA Standard ranged from 20 mg/L (MW-1A) to 234 mg/L (EW-1).

2.4.4 General Chemistry

As shown on Table 6, TDS concentrations ranged from 126 mg/L (MW-1A) to 1,510 mg/L (EW-1), and TSS concentrations ranged from non-detect in several samples to 85.2 mg/L (MW-7). In general, the lowest concentrations of TDS and TSS were reported in samples from the upgradient monitoring locations and the highest concentrations were reported in samples from the cross-gradient downgradient monitoring locations. MW-5 and MW-11 were not analyzed for TDS and TSS due to low well volumes at the time of sample collection.

2.4.5 Emerging Contaminants

PFAS and 1,4-dioxane concentrations for the May 2021 groundwater and leachate sampling event are presented on Table 7.

PFAS were detected at concentrations greater than their respective NYSDEC Class GA Standards or USEPA Lifetime Health Advisory Limits in nine of the twenty-two groundwater monitoring well samples, all three extraction well samples, and the leachate collection well sample. Details of the exceedances are summarized below:

- Perfluorobutanoic acid (PFBA) at 131 nanograms per liter (ng/L) (EW-1).
- Perfluoropentanoic acid (PFPeA) at 134 ng/L (MW-16) and 226 ng/L (EW-1).
- Perfluorohexanoic acid (PFHxA) at 103 ng/L (MW-5) and 401 ng/L (EW-1).
- Perfluorooctanoic acid (PFOA) at 10.4 ng/L (MW-1), 26.9 ng/L (MW-2), 141 ng/L (MW-5), 13.4 ng/L (MW-6A), 55.4 ng/L (MW-9), 60.6 ng/L (MW-12A), 43.7 ng/L (MW-12B), 63.2 ng/L (MW-16), 1,140 ng/L (EW-1), 54.9 ng/L (EW-2), 30.1 ng/L (EW-3), and 18.9 ng/L (EW-4).
- Perfluorooctanesulfonic acid (PFOS) at 30.7 ng/L (MW-2), 80.7 ng/L (MW-5), 11.2 ng/L (MW-6), 20.3 ng/L (MW-12A), 14.8 ng/L (MW-16), 60.5 ng/L (EW-1), 18.6 ng/L (EW-2), and 14.8 ng/L (EW-3).

During the May 2021 sampling event, MW-5, MW-6, MW-6A, MW-9, MW-12A, MW-12B, the three extraction wells EW-1 through EW-3, and the leachate collection well EW-4 contained 1,4-dioxane concentrations that exceeded the NYSDEC Class GA Standard of 1.0 µg/L. The exceedances ranged from a minimum of 1.5 µg/L (MW-9) to a maximum of 130 µg/L (EW-1). Further details regarding the emerging contaminant analytical results are shown on Table 7.

3 SURFACE WATER, SEDIMENT, AND SOIL SAMPLING

Surface water, sediment, and soil sampling were performed in accordance with the SMP. However, after evaluating the 2016 sample data there was some uncertainty of sampling locations. Therefore, surface water and sediment sampling locations were re-established in 2017 and maintained in this event in consultation with the NYSDEC. With the exception of the off-site samples from the Glens Falls Feeder Canal (GFFC1, GFFC2, and GFFC3), the revised sampling locations were marked with a wooden stake and surveyed by a licensed surveyor in April 2017 (Figure 4).

Six surface water and sediment samples were collected at the following locations; Unnamed Pond, Polishing Pond Influent, Polishing Pond Effluent, and three locations within the Glens Falls Feeder Canal (GFFC1, GFFC2, and GFFC3). Surface water samples were analyzed for VOCs, PCBs, metals, TDS, TSS, PFAS, and 1,4-dioxane. Sediment samples were analyzed for VOCs, PCBs, metals, and PFAS. Additionally, three soil samples were collected from the constructed wetland treatment cells (CWTC) (Cell 1, Cell 2, and Cell 3) and analyzed for VOCs, PCBs, metals, and PFAS.

3.1 Surface Water

Surface water sample analytical results are discussed below and are summarized on Tables 8 through 12. Prior to collecting surface water samples, pH, conductivity, turbidity, DO, temperature, and ORP were measured using a water quality meter and recorded on surface water sampling logs (Appendix A). Surface water samples were collected by slowly submerging dedicated, unpreserved sample containers in surface water to minimize disturbance of any sediment or vegetation during sampling. The samples were then poured into the required sample containers.

3.1.1 VOCs

As shown on Table 8 and Figure 5, VOCs were not detected at concentrations greater than the NYSDEC Aquatic Life Chronic or Acute Standards in any of the surface water locations. With the exception of the sample collected from the Unnamed Pond, all surface water samples in May 2021 were non-detect for VOCs.

3.1.2 PCBs

As shown on Table 9 and Figure 5, PCBs were not detected in any of the surface water sampling locations at concentrations greater than the indicated quantitation limits.

3.1.3 Metals

Metals were detected in one or more of the surface water samples collected during the May 2021 sampling event, including aluminium, barium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, nickel, potassium, sodium, vanadium, and zinc. As shown on Table 10, concentrations of aluminum and iron exceeded the corresponding NYSDEC Aquatic Life Chronic and Acute Standards for one or more sampling location. Details of the exceedances are summarized below:

- Aluminum concentrations exceeded the NYSDEC Aquatic Life Chronic Standard of 0.1 mg/L at the Polishing Pond Effluent (1.59 mg/L), GFFC1 (0.147 mg/L estimated), GFFC2 (0.126 mg/L estimated), and GFFC3 (0.146 mg/L estimated).
- Iron concentrations exceeded the NYSDEC Aquatic Life Chronic and Acute Standards of 0.3 mg/L at the Unnamed Pond (2.59 mg/L), Polishing Pond Influent (0.705 mg/L), Polishing Pond Influent duplicate sample (0.695 mg/L), Polishing Pond Effluent (2.22 mg/L), GFFC1 (0.248 mg/L), GFFC2 (0.252 mg/L), and GFFC3 (0.267 mg/L).

Further details regarding the metals analytical results are shown on Table 10.

3.1.4 General Chemistry

As shown on Table 11, TDS and TSS were analyzed at the Polishing Pond Effluent. The May 2021 Polishing Pond Effluent sample contained TDS and TSS concentrations at 381 mg/L and 40.8 mg/L, respectively.

3.1.5 Emerging Contaminants

The PFAS and 1,4-dioxane analytical data for the May 2021 surface water sampling event are presented on Table 12 and Figure 5. PFAS were detected at concentrations greater than the respective NYSDEC Class GA Standards or USEPA Lifetime Health Advisory Limits in three of the six surface water samples. Details of the exceedances are summarized below:

- Perfluorooctanoic acid (PFOA) concentrations exceeded the NYSDEC Class GA Standard of 10 ng/L at the Unnamed Pond (87.9 ng/L), Polishing Pond Influent (22.4 ng/L), Polishing Pond Influent duplicate sample (21.9 ng/L), and the Polishing Pond Effluent (24 ng/L).
- Perfluorooctanesulfonic acid (PFOS) exceeded the NYSDEC Class GA Standard of 10 ng/L at a concentration of 28.7 ng/L at the Unnamed Pond.
- Total PFOA and PFOS exceeded the NYSDEC Class GA Standard of 10 ng/L at the Unnamed Pond (116.6 ng/L), Polishing Pond Influent (25.97 ng/L), Polishing Pond Influent duplicate sample (25.69 ng/L), and the Polishing Pond Effluent (28.13 ng/L).
- The USEPA Lifetime Health Advisory Limit of 70 ng/L for PFOA and Total PFOA and PFOS were exceeded at concentrations of 87.9 ng/L and 116.6 ng/L, respectively at the Unnamed Pond.

PFAS concentrations detected at the Glens Falls Feeder Canal (GFFC1, GFFC2, and GFFC3) did not exceed the NYSDEC Class GA Standards or USEPA Lifetime Health Advisory Limits.

1,4-dioxane was detected at concentrations exceeding the NYSDEC Class GA Standard of 1.0 µg/L in the samples collected from the Unnamed Pond (10 µg/L), Polishing Pond Influent (2.3 µg/L), Polishing Pond Influent duplicate sample (2.6 µg/L), and the Polishing Pond Effluent (2.7 µg/L) samples. 1,4-dioxane was not detected from the samples collected at the Glens Falls Feeder Canal (GFFC1, GFFC2, and GFFC3).

3.2 Sediment

Sediment samples were collected immediately following the collection of the surface water samples (Section 3.1). Sediment samples were collected from a depth of approximately 0.5 to 1.8 feet below the sediment surface and placed directly into laboratory provided sample jars. Sampling logs are included in Appendix A. Sediment sample analytical results are discussed below and are summarized on Tables 13 through 16.

3.2.1 VOCs

As indicated on Table 13, six of the six sediment sample locations contained VOCs at concentrations greater than the respective laboratory reporting limits, but did not exceed the NYSDEC Freshwater Class A or Class C Sediment Guidance Values (SGVs), or Wildlife Bioaccumulation-based Sediment Guidance Values (BSGV). As shown on Table 13 and Figure 5, the concentration of total VOCs ranged from 0.013 milligram per kilogram (mg/Kg) (GFFC2) to 0.148 mg/Kg (GFFC3).

3.2.2 PCBs

As shown on Table 14 and Figure 5, PCBs were not detected in any of the sediment sampling locations at concentrations greater than the indicated quantitation limits.

3.2.3 Metals

Metal analytical results are displayed on Table 15. Metals were detected above their respective reporting limits in one or more of the sediment samples, including aluminum, arsenic, barium, beryllium, cadmium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, mercury, nickel, potassium, selenium, silver, sodium, thallium, vanadium, and zinc.

Metals were detected at concentrations greater than the respective NYSDEC Freshwater Class A and Class C SGVs in three of the six sediment samples. Details of the exceedances are summarized below:

- Arsenic concentrations exceeded the NYSDEC Freshwater Class A SGV at Glens Falls Feeder Canal sample GFFC3 (12.2 mg/Kg), and the Class C SGV at the Polishing Pond Influent (47.3 mg/Kg).
- Lead concentrations exceeded the NYSDEC Freshwater SGV Class A at Glens Falls Feeder Canal samples GFFC1 (74.8 mg/Kg) and GFFC3 (40.1 mg/Kg).
- Mercury exceeded the NYSDEC Freshwater SGV Class A of 0.2 mg/Kg at a concentration of 0.49 mg/Kg at the Glens Falls Feeder Canal sample GFFC1.
- Nickel exceeded the NYSDEC Freshwater SGV Class A of 23 mg/Kg at a concentration of 25.9 mg/Kg at the Glens Falls Feeder Canal sample GFFC3.
- Silver exceeded the NYSDEC Freshwater SGV Class A of 1.0 mg/Kg at a concentration of 1.4 mg/Kg at the Glens Falls Feeder Canal sample GFFC3.
- Zinc exceeded the NYSDEC Freshwater SGV Class A of 120 mg/Kg at a concentration of 139 mg/Kg at the Glens Falls Feeder Canal sample GFFC3.

Metal concentrations detected at the Unnamed Pond, Polishing Pond Effluent, and Glens Falls Feeder Canal sample GFFC2 did not exceed the Freshwater Class A and Class C SGVs.

3.2.4 PFAS

As indicated on Table 16, six of the six sediment sample locations contained PFAS at concentrations greater than the respective laboratory reporting limits. There are currently no regulatory standards or guidance values for PFAS in sediment.

3.3 Soil

Soil samples were collected from the three constructed wetland treatment cells (Cell 1, Cell 2, and Cell 3) at a depth of approximately 0.5 to 2.0 feet below the soil surface and placed directly into laboratory provided sample jars. Sampling logs are included in Appendix A. Soil sample analytical results are discussed below and are summarized on Tables 17 through 20.

3.3.1 VOCs

As indicated on Table 17, two of the three soil sample locations contained VOCs at concentrations greater than the respective laboratory reporting limits. None of the three soil sample locations exceeded the NYSDEC 6 NYCRR Part 375 Commercial Use soil guidance values for VOCs. As shown on Table 17 and Figure 5, the concentration of total VOCs ranged from non-detect (Cell 1) to 1.23 mg/Kg (Cell 3).

3.3.2 PCBs

During the May 2021 sampling event, PCB-1016 was detected above the NYSDEC 6 NYCRR Part 375 Commercial Use soil guidance value of 1.0 mg/Kg ppm in the sample collected from Cell 3 (4.0 ppm). As shown on Table 18, PCBs were not detected in the soil samples collected from Cell 1 and Cell 2.

3.3.3 Metals

Metal analytical results are displayed in Table 19. Metals were detected above their respective reporting limits in one or more of the soil samples, including aluminum, arsenic, barium, beryllium, cadmium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, mercury, nickel, potassium, sodium, vanadium, and zinc.

None of the three soil sample locations exceeded the NYSDEC 6 NYCRR Part 375 Commercial Use soil guidance values for metals.

3.3.4 PFAS

As indicated on Table 20, each of the three soil sample locations contained PFAS at concentrations greater than the respective laboratory reporting limits, but did not exceed their respective NYSDEC 6 NYCRR Part 375 Commercial Use soil guidance values for PFOA or PFOS.

4 CONCLUSIONS AND RECOMMENDATIONS

4.1 Conclusions

4.1.1 VOCs and PCBs

Groundwater, leachate, surface water, sediment, and soil sampling were conducted at the site in May 2021. Total concentrations of VOCs have remained stable since 2007 within the monitoring well network. In addition, PCB concentrations have dropped to non-detect levels in all upgradient and most downgradient monitoring wells, with the exception of MW-6 (Figure 3). However, the recent change in groundwater sampling technique may explain the absence of PCBs reported in samples from groundwater monitoring wells across the site. VOCs and/or PCBs were detected at concentrations higher than their respective standards in the samples from extraction wells EW-1 through EW-3 and leachate collection well EW-4. Consistent with previous years, the maximum concentrations of VOCs and PCBs were reported in the samples from EW-1.

None of the surface water samples collected from the site or the Glens Fall Feeder Canal contained VOCs at concentrations greater than the applicable NYSDEC Standards or PCBs at concentrations greater than the laboratory quantitation limits. The soil sample from Cell 3 was the only May 2021 soil sample which contained PCB concentrations above its respective standard.

4.1.2 Metals

Iron, manganese, and sodium were the only metals detected in groundwater samples at concentrations exceeding the NYSDEC Class GA Standards. In general, most of the detected metals in groundwater remain consistent with historical results.

Surface water samples contained aluminum and iron at concentrations greater than the NYSDEC Class GA Standards. Sediment samples contained arsenic, lead, mercury, nickel, silver, and zinc at concentrations greater than the respective NYSDEC Freshwater SGVs. Surface water and sediment will continue to be analyzed in accordance with the SMP and per NYSDEC's request.

4.1.3 PFAS

PFOA and or PFOS were detected in groundwater and leachate samples collected from MW-1, MW-2, MW-5, MW-6, MW-6A, MW-9, MW-12A, MW-12B, MW-16, EW-1, EW-2, EW-3, and EW-4 at concentrations that exceeded their respective NYSDEC Class GA Standards and or USEPA Lifetime Health Advisory Limits. In addition, PFOA and or PFOS were detected in surface water samples collected from the Unnamed Pond, Polishing Pond Influent, and Polishing Pond Effluent.

None of the soil samples collected from the site or the Glens Fall Feeder Canal contained PFAS at concentrations greater than the applicable NYSDEC Commercial Use soil guidance values.

4.1.4 1,4-Dioxane

1,4-dioxane was detected in groundwater and leachate samples collected from MW-5, MW-6, MW-6A, MW-9, MW-12A, MW-12B, EW-1, EW-2, EW-3, and EW-4. In addition, 1,4-dioxane was detected in surface water samples collected from the Unnamed Pond, Polishing Pond Influent, and Polishing Pond Effluent.

4.2 Recommendations

As part of the corrective measures process, leachate collection and treatment system upgrades were completed in 2017 and 2018. These system upgrades are fully functional and operating as designed. The performance of the systems was evaluated and documented in the 2017 periodic review report and monthly reports provided to the NYSDEC. Based on the results of the May 2021 groundwater monitoring event, the following recommendations are suggested.

- Preparation of a Leachate Collection System Upgrades design outlining the capture of leachate emanating from the landfill as observed at monitoring wells MW-5, MW-6, MW-6A, MW-12A, and MW-12B.

Preparation and implementation of the treatment system Interim Remedial Measure (IRM) to treat leachate from EW-1, EW-2, EW-3, and EW-4 and bypass the CWTS cells and Polishing Pond

TABLES



Table 1
Summary of Water Level Data
Fort Edward Landfill, Hudson Falls, NY
NYSDEC Site # 558001

Well ID	Measuring Point Elevation (ft. amsl)	May 2021	
		Depth to Water (ft.)	Groundwater Elevation (ft. amsl)
MW-1	256.94	39.95	216.99
MW-1A	253.55	41.28	212.27
MW-1D	258.66	43.29	215.37
MW-2	193.86	8.33	185.53
MW-2A	193.93	9.05	184.88
MW-5	183.43	5.82	177.61
MW-6/-6C	192.98	7.78	185.20
MW-6A	192.80	10.12	182.68
MW-6B	192.55	15.45	177.10
MW-7	210.47	19.19	191.28
MW-8	240.09	7.77	232.32
MW-9	174.49	4.61	169.88
MW-11	182.36	17.58	164.78
MW-12A	175.55	3.30	172.25
MW-12B	175.76	3.73	172.03
MW-13A	183.50	8.48	175.02
MW-13B	183.45	10.77	172.68
MW-14A	176.06	8.37	167.69
MW-14B	177.07	8.31	168.76
MW-15	168.61	7.88	160.73
MW-16	161.89	8.71	153.18
MW-17	159.11	10.91	148.20

Notes:

All measurements are in feet.

Definitions:

amsl - above mean sea level.

ft - feet.

Table 2
Volatile Organic Compound Analytical Results for 2021 Groundwater
Fort Edward Landfill, Hudson Falls, NY
NYSDEC Site # 558001

Location	NYSDEC Class GA Standard	MW-1	MW-1A	DUP- MW-1A	MW-1D	MW-2	MW-2A	MW-5	MW-6	MW-6A	MW-6B	MW-7	MW-8	MW-9	MW-11	MW-12A	MW-12B
Sample Date		5/19/2021	5/19/2021	5/19/2021	5/18/2021	5/19/2021	5/19/2021	5/20/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021	5/17/2021	5/17/2021	5/20/2021	5/17/2021	5/17/2021
Volatile Organic Compounds (µg/L)																	
Acetone	50	10 U	10 U	10 U	10 U	10 U	10 U	140	10 U	10 U	10 U	10 U	10 U	10 U	10 U	6.1 J	20 U
Benzene	1.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.8	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.3 J	1.1 J
Bromodichloromethane	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Bromoform	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Bromomethane	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
2-Butanone (MEK)	50	10 U	10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	20 U
Carbon Disulfide	60	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	3.9
Carbon Tetrachloride	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Chlorobenzene	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	14	2.5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Chloroethane	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	0.47 J	0.71 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Cyclohexane	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	0.86 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
1,2-Dibromo-3-chloropropane (DBCP)	0.04	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
1,2-Dibromoethane (EDB)	0.0006	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	3.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
1,3-Dichlorobenzene	3.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	2.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
1,4-Dichlorobenzene	3.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.4	2.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Dichlorodifluoromethane (Freon 12)	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
1,1-Dichloroethane	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
1,2-Dichloroethane	0.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
1,1-Dichloroethylene	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
cis-1,2-Dichloroethylene	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
trans-1,2-Dichloroethylene	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
1,2-Dichloropropane	1.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
cis-1,3-Dichloropropene	0.4	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.5 U	2.0 U	2.0 U
trans-1,3-Dichloropropene	0.4	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.5 U	2.0 U	2.0 U
Ethylbenzene	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
2-Hexanone (MBK)	50	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U
Isopropylbenzene (Cumene)	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Methyl Acetate	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	1.0 U	1.0 U	2.5 U	5.0 U	5.0 U
Methyl tert-Butyl Ether (MTBE)	10	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	0.22 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.69 J	2.0 U
Methyl Cyclohexane	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.6 J	0.25 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Methylene Chloride	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.98 J	2.0
4-Methyl-2-pentanone (MIBK)	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U
Styrene	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
1,1,1,2-Tetrachloroethane	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Tetrachloroethylene	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Toluene	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
1,2,4-Trichlorobenzene	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	4.3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
1,1,1-Trichloroethane	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
1,1,2-Trichloroethane	1.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Trichloroethylene	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Trichlorofluoromethane (Freon 11)	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Vinyl Chloride	2.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	320	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Xylenes (total)	5.0	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	4.0 U	4.0 U
Total VOCs	--	ND	ND	ND	ND	ND	ND	461.6	19	12.71	ND	ND	ND	ND	ND	9.07	7.0

Notes:
Concentrations detected above the NYSDEC Class GA Standard are highlighted in yellow.

Definitions:
J - The concentration is an approximate value.
µg/L - micrograms per liter.
ND - Non detect.
U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
"--" - No regulatory criteria exists for respective analyte.

Table 2
Volatile Organic Compound Analytical Results for 2021 Groundwater
Fort Edward Landfill, Hudson Falls, NY
NYSDEC Site # 558001

Location	NYSDEC Class GA Standard	MW-13A	MW-13B	MW-14A	MW-14B	MW-15	MW-16	MW-17	EW-1	EW-2	EW-3	EW-4
Sample Date		5/17/2021	5/17/2021	5/19/2021	5/19/2021	5/17/2021	5/20/2021	5/19/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021
Volatile Organic Compounds (µg/L)												
Acetone	50	10 U	10 U	10 U	10 U	10 U	10 U	100 U	100 U	9.6 J	7.9 J	10 U
Benzene	1.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	9.7 J	3.4	2.4	1.0 U
Bromodichloromethane	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	2.0 U	1.0 U	1.0 U
Bromoform	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	2.0 U	1.0 U	1.0 U
Bromomethane	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	2.0 U	1.0 U	1.0 U
2-Butanone (MEK)	50	10 U	10 U	10 U	10 U	10 U	10 U	100 U	100 U	20 U	10 U	10 U
Carbon Disulfide	60	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	2.0 U	1.0 U	1.0 U
Carbon Tetrachloride	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	2.0 U	1.0 U	1.0 U
Chlorobenzene	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	12	1.5 J	19	1.0 U
Chloroethane	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	2.0 U	1.0 U	1.0 U
Cyclohexane	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	130	10 U	2.0 U	1.1	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	0.04	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	2.0 U	1.0 U	1.0 U
1,2-Dibromoethane (EDB)	0.0006	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	3.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	2.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	3.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	2.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	3.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	2.0 U	5.4	1.0 U
Dichlorodifluoromethane (Freon 12)	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	2.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	2.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	2.0 U	1.0 U	1.0 U
1,1-Dichloroethylene	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	2.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethylene	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	390	2.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethylene	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	2.0 U	1.0 U	1.0 U
1,2-Dichloropropane	1.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	2.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	0.4	1.0 U	1.0 U	1.0 U	1.0 U	0.5 U	0.5 U	10 U	10 U	2.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	0.4	1.0 U	1.0 U	1.0 U	1.0 U	0.5 U	0.5 U	10 U	10 U	2.0 U	1.0 U	1.0 U
Ethylbenzene	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	33	10 U	2.0 U	1.0 U	1.0 U
2-Hexanone (MBK)	50	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	50 U	2.0 U	5.0 U	5.0 U
Isopropylbenzene (Cumene)	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	9.0 J	10 U	2.0 U	1.0 U	1.0 U
Methyl Acetate	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	25 U	5.0 U	2.5 U	2.5 U
Methyl tert-Butyl Ether (MTBE)	10	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	0.71 J	0.45 J	1.0 U
Methyl Cyclohexane	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	270	10 U	2.0 U	0.41 J	1.0 U
Methylene Chloride	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	2.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone (MIBK)	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	45 J	2.0 U	5.0 U	5.0 U
Styrene	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	2.0 U	1.0 U	1.0 U
1,1,1,2-Tetrachloroethane	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	2.0 U	1.0 U	1.0 U
Tetrachloroethylene	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	2.0 U	1.0 U	1.0 U
Toluene	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	13	2.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	2.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	2.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	2.0 U	1.0 U	1.0 U
Trichloroethylene	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	2.0 U	1.0 U	1.0 U
Trichlorofluoromethane (Freon 11)	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	2.0 U	1.0 U	1.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	2.0 U	1.0 U	1.0 U
Vinyl Chloride	2.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	560	2.0 U	1.0 U	1.0 U
Xylenes (total)	5.0	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	20 U	25	4.0 U	2.0 U	2.0 U
Total VOCs	--	ND	ND	ND	ND	ND	ND	442	1,054.7	15.21	36.66	ND

Notes:
Concentrations detected above the NYSDEC Class GA Standard are highlighted in yellow.

Definitions:
J - The concentration is an approximate value.
µg/L - micrograms per liter.
ND - Non detect.
U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
"--" - No regulatory criteria exists for respective analyte.

Table 3
Groundwater and Leachate Analytical Data May 1995 - May 2021
Fort Edward Landfill, Hudson Falls, NY
NYSDEC Site # 558001

Well ID	Parameter	NYSDEC Class GA Standard	Units	Sample Date																				
				May-95	Aug-95	May-99	Oct-99	May-00	Oct-01	May-02	Apr-03	Aug-04	Jul-07	Oct-08	Mar-10	Oct-11	Sep-12	Oct-13	Jan-15	May-16	Aug-17	Oct-18	May-21	
MW-1	Total VOCs	--	µg/L	5.0	ND	ND	ND	ND	19	ND	ND	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Iron	0.3	mg/L	45.4	13	0.498	1.1	2.2	1.1	1.6	1.1	NA	20.1	1.17	ND	ND	0.29	0.21	0.053	0.079	ND	0.23	0.074	
	Total PCBs	0.09	µg/L	NA	ND	NA	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	0.82	ND	ND	ND	ND	ND	ND	
MW-1A	Total VOCs	--	µg/L	7.0	11	1.0	ND	3.0	ND	ND	ND	5.0	ND	ND	ND	ND	ND	ND	0.99	451	ND	ND	ND	
	Iron	0.3	mg/L	0.827	0.331	0.75	2.1	2.6	2.8	0.41	1.1	NA	11.5	1.63	0.185	0.352	0.55	0.25	0.19	0.48	0.093	0.083	0.024	
	Total PCBs	0.09	µg/L	ND	ND	NA	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	7.4	ND	28	0.45	ND	ND	ND	
MW-1D	Total VOCs	--	µg/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	26.1	ND	ND	ND	1.1	ND	ND	ND	
	Iron	0.3	mg/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.185	1.14	0.19	0.074	0.18	0.2	0.37	0.74	0.169
	Total PCBs	0.09	µg/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	0.81	ND	ND	ND	ND	ND	ND
MW-2	Total VOCs	--	µg/L	9.0	8.0	10	ND	ND	ND	ND	ND	5.0	ND	ND	ND	6.7	ND	ND	ND	ND	ND	ND	ND	
	Iron	0.3	mg/L	1.27	8.03	7.62	2.9	15	1.1	5.8	5.2	NA	9.86	5.32	2.17	4.74	2.8	2.2	1.7	5.3	5.2	13	14.7	
	Total PCBs	0.09	µg/L	ND	ND	NA	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-2A	Total VOCs	--	µg/L	ND	ND	6.0	ND	ND	ND	ND	ND	4.0	ND	ND	ND	ND	ND	ND	ND	ND	0.28	ND	ND	
	Iron	0.3	mg/L	4.62	4.89	4.83	8.6	13	7.5	9.3	6.8	NA	15.2	11.2	8.19	11.2	9.1	9.8	10.7	10.8	14	9.6	6.4	
	Total PCBs	0.09	µg/L	ND	ND	NA	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	0.28	ND	ND	ND	ND	ND	ND	ND
MW-5	Total VOCs	--	µg/L	8,641	11,438	NS	NS	27,034	50,271	NS	11,352	4,209	NA	NA	NA	365	NS	NS	NS	1,858	1,259	908.4	358	461.6
	Iron	0.3	mg/L	82.5	66.2	NS	NS	130	95	NS	95	ND	NA	NA	NA	142	NS	NS	NS	56.5	100	54	62	NS
	Total PCBs	0.09	µg/L	ND	ND	NS	NS	NA	NA	NS	NS	ND	NA	NA	NA	ND	NS	NS	NS	1.1	0.54	ND	ND	ND
MW-6	Total VOCs	--	µg/L	112	83	26	38	38	62	60	37	63	17	23	25	23	22.4	22.14	40.75	31.7	32.9	24.1	19	
	Iron	0.3	mg/L	37.4	63.7	49.3	80	84	97	100	130	NA	135	120	123	139	103	102	106	106	120	100	100	
	Total PCBs	0.09	µg/L	ND	ND	NA	ND	ND	NA	NA	NA	3.3	ND	0.43	0.72	0.18	0.37	ND	11	15	ND	0.58	0.79	
MW-6A	Total VOCs	--	µg/L	30	4.0	ND	3.0	13	16	9.0	16	17	8.0	19	44	67.7	35.41	37.04	35.25	28.18	29.5	14.9	12.71	
	Iron	0.3	mg/L	0.404	0.428	0.388	2.6	35	35	49	54	NA	33.1	27.4	23.4	24.4	23.8	21.2	21.2	19.7	21	18	13.9	
	Total PCBs	0.09	µg/L	ND	ND	NA	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	3.8	14	ND	ND	ND	
MW-6B	Total VOCs	--	µg/L	30	ND	8.0	ND	ND	NA	ND	ND	4.0	ND	ND	ND	ND	ND	ND	0.94	ND	ND	ND	ND	
	Iron	0.3	mg/L	8.13	19.9	49	1.2	17	NA	9.1	38	NA	157	3.16	2.38	0.521	0.78	0.35	5.0	0.34	0.24	0.74	0.82	
	Total PCBs	0.09	µg/L	ND	ND	NA	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	0.91	ND	1.5	29	ND	ND	ND	
MW-7	Total VOCs	--	µg/L	3.0	ND	5.0	ND	ND	ND	ND	NA	11	ND	ND	ND	ND	ND	2.78	1.91	0.6	ND	1.1	ND	
	Iron	0.3	mg/L	23.6	30.8	8.06	2.2	17	23	27	NA	240	217	143	119	188	146	195	154	157	160	130	146	
	Total PCBs	0.09	µg/L	ND	ND	NA	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	0.27	ND	ND	ND	ND	
MW-8	Total VOCs	--	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	6.0	ND	ND	ND	NS	ND	4.4	ND	ND	ND	ND	ND	
	Iron	0.3	mg/L	0.195	0.362	0.873	0.46	1.4	0.29	2.3	NA	NA	19.9	0.25	8.49	NS	4.0	1.5	9.8	0.073	0.057	ND	0.14	
	Total PCBs	0.09	µg/L	ND	ND	NA	ND	NA	NA	NA	NA	NA	ND	ND	ND	NS	1.0	ND	ND	ND	ND	ND	ND	
MW-9	Total VOCs	--	µg/L	NA	NA	7.0	ND	ND	ND	ND	ND	4.0	ND	ND	ND	ND	ND	ND	ND	ND	5.2	ND	ND	
	Iron	Iron	mg/L	NA	NA	0.946	0.56	2.0	0.26	0.39	5.3	NA	1.59	0.213	0.14	23.9	8.2	0.2	3.0	1.4	2.5	0.71	1.0	
	Total PCBs	0.09	µg/L	ND	ND	NA	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	1.8	0.34	ND	4.9	ND	ND	ND	
MW-11	Total VOCs	--	µg/L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	NS	NS	NS	0.44	ND	ND	
	Iron	0.3	mg/L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	NS	NS	NS	0.51	370	0.26	
	Total PCBs	0.09	µg/L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	NS	NS	NS	ND	ND	ND	

Notes:

Concentrations detected above the New York State Department of Environmental Conservation (NYSDEC) Class GA Standard are highlighted in yellow.

95-'00 Data Source: Final Evaluation and Assessment Report. Fort Edward Landfill. NYSDEC. July 2001. URS Consultants

VOC totals from 1995 through 2000 include only concentrations of VOCs that were detected above NYSDEC Class GA Standards, while the 2007, 2008, 2011, 2012, 2015, and 2016 VOC totals include all detections, whether above or below NYSDEC Class GA Standards.

Definitions:

µg/L - microgram per liter.

mg/L - milligram per liter.

NA - Not Analyzed.

ND - Not detected above the Method Detection Limit or the Reporting Limit.

NS - Not Sampled.

PCBs - Polychlorinated Biphenyls.

VOCs - Volatile Organic Compounds.

"--" - No regulatory criteria exists for the respective analyte.

*** - Well was not installed during the respective time period.

Table 3
Groundwater and Leachate Analytical Data May 1995 - May 2021
Fort Edward Landfill, Hudson Falls, NY
NYSDEC Site # 558001

Well ID	Parameter	NYSDEC Class GA Standard	Units	Sample Date																			
				May-95	Aug-95	May-99	Oct-99	May-00	Oct-01	May-02	Apr-03	Aug-04	Jul-07	Oct-08	Mar-10	Oct-11	Sep-12	Oct-13	Jan-15	May-16	Aug-17	Oct-18	May-21
MW-12A	Total VOCs	--	µg/L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	9.07
	Iron	0.3	mg/L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	45.6
	Total PCBs	0.09	µg/L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ND
MW-12B	Total VOCs	--	µg/L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	7.0
	Iron	0.3	mg/L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.03
	Total PCBs	0.09	µg/L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ND
MW-13A	Total VOCs	--	µg/L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ND
	Iron	0.3	mg/L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0.457
	Total PCBs	0.09	µg/L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ND
MW-13B	Total VOCs	--	µg/L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ND
	Iron	0.3	mg/L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0.185
	Total PCBs	0.09	µg/L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ND
MW-14A	Total VOCs	--	µg/L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ND
	Iron	0.3	mg/L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0.0508
	Total PCBs	0.09	µg/L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ND
MW-14B	Total VOCs	--	µg/L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ND
	Iron	0.3	mg/L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0.691
	Total PCBs	0.09	µg/L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ND
MW-15	Total VOCs	--	µg/L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ND
	Iron	0.3	mg/L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ND
	Total PCBs	0.09	µg/L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ND
MW-16	Total VOCs	--	µg/L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ND
	Iron	0.3	mg/L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0.172
	Total PCBs	0.09	µg/L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ND
MW-17	Total VOCs	--	µg/L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	442
	Iron	0.3	mg/L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0.635
	Total PCBs	0.09	µg/L	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ND
EW-1	Total VOCs	--	µg/L	*	*	NS	NS	NS	NS	NS	NS	NS	NS	NS	630	429	NS	525	1,347	1,170	4,817.3	2,513.7	1,054.7
	Iron	0.3	mg/L	*	*	NS	NS	NS	NS	NS	NS	NS	NS	NS	53.7	48.5	NS	66.2	70.2	1,530	55	53	63.6
	Total PCBs	0.09	µg/L	*	*	NS	NS	NS	NS	NS	NS	NS	NS	NS	49	1,824	NS	650	1,100	970	250	4,400	8,600
EW-2	Total VOCs	--	µg/L	*	*	NS	NS	NS	NS	NS	NS	NS	NS	NS	140.8	7.2	NS	5.2	9.29	12.1	72.37	65.59	15.21
	Iron	0.3	mg/L	*	*	NS	NS	NS	NS	NS	NS	NS	NS	NS	40.1	24.5	NS	27.8	29.4	30.3	22	34	18
	Total PCBs	0.09	µg/L	*	*	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.27	0.16	NS	ND	ND	400	ND	ND	0.3
EW-3	Total VOCs	--	µg/L	*	*	NS	NS	NS	NS	NS	NS	NS	NS	NS	53.2	51.2	NS	75.22	68.9	45.1	132.52	111.35	36.66
	Iron	0.3	mg/L	*	*	NS	NS	NS	NS	NS	NS	NS	NS	NS	40.6	123	NS	33.8	31.7	33.9	33	38	31.9
	Total PCBs	0.09	µg/L	*	*	NS	NS	NS	NS	NS	NS	NS	NS	NS	2.7	1.6	NS	2.9	2.2	23	ND	ND	1.9
EW-4	Total VOCs	--	µg/L	*	*	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	NS	1.2	NA	NS	3.99	ND	ND
	Iron	0.3	mg/L	*	*	NS	NS	NS	NS	NS	NS	NS	NS	NS	20.1	377	NS	32.5	NA	NS	60	24	18.3
	Total PCBs	0.09	µg/L	*	*	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.6	3.3	NS	2.06	2.3	NS	0.63	0.28	1.1

Notes:

Concentrations detected above the New York State Department of Environmental Conservation (NYSDEC) Class GA Standard are highlighted in yellow.

95-'00 Data Source: Final Evaluation and Assessment Report. Fort Edward Landfill. NYSDEC. July 2001. URS Consultants

VOC totals from 1995 through 2000 include only concentrations of VOCs that were detected above NYSDEC Class GA Standards, while the 2007, 2008, 2011, 2012, 2015, and 2016 VOC totals include all detections, whether above or below NYSDEC Class GA Standards.

Definitions:

µg/L - microgram per liter.

mg/L - milligram per liter.

NA - Not Analyzed.

ND - Not detected above the Method Detection Limit or the Reporting Limit.

NS - Not Sampled.

PCBs - Polychlorinated Biphenyls.

VOCs - Volatile Organic Compounds.

"--" - No regulatory criteria exists for the respective analyte.

"*" - Well was not installed during the respective time period.

Table 4
Polychlorinated Biphenyl Analytical Results for 2021 Groundwater
Fort Edward Landfill, Hudson Falls, NY
NYSDEC Site # 558001

Location	NYSDEC Class GA Standard	MW-1	MW-1A	DUP- MW-1A	MW-1D	MW-2	MW-2A	MW-5	MW-6	MW-6A	MW-6B	MW-7	MW-8	MW-9	MW-11
Sample Date		5/19/2021	5/19/2021	5/19/2021	5/18/2021	5/18/2021	5/19/2021	5/20/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021	5/17/2021	5/17/2021	5/20/2021
Polychlorinated Biphenyls (µg/L)															
PCB-1016	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
PCB-1221	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
PCB-1232	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.79	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
PCB-1242	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
PCB-1248	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
PCB-1254	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
PCB-1260	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
PCB-1262	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
PCB-1268	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Total PCBs	0.09	ND	ND	ND	ND	ND	ND	ND	0.79	ND	ND	ND	ND	ND	ND

Location	NYSDEC Class GA Standard	MW-12A	MW-12B	MW-13A	MW-13B	MW-14A	MW-14B	MW-15	MW-16	MW-17	EW-1	EW-2	EW-3	EW-4
Sample Date		5/17/2021	5/17/2021	5/17/2021	5/17/2021	5/19/2021	5/19/2021	5/17/2021	5/20/2021	5/19/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021
Polychlorinated Biphenyls (µg/L)														
PCB-1016	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	8,600	0.3 J	0.5 U	0.5 U
PCB-1221	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	500 U	0.5 U	0.5 U	0.5 U
PCB-1232	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	500 U	0.5 U	1.9	1.1
PCB-1242	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	500 U	0.5 U	0.5 U	0.5 U
PCB-1248	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	500 U	0.5 U	0.5 U	0.5 U
PCB-1254	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	500 U	0.5 U	0.5 U	0.5 U
PCB-1260	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	500 U	0.5 U	0.5 U	0.5 U
PCB-1262	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	500 U	0.5 U	0.5 U	0.5 U
PCB-1268	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	500 U	0.5 U	0.5 U	0.5 U
Total PCBs	0.09	ND	ND	ND	ND	ND	ND	ND	ND	ND	8,600	0.3	1.9	1.1

Notes:

Concentrations detected above the NYSDEC Class GA Standard are highlighted in yellow.
The NYSDEC Class GA Standard for Total PCBs is 0.09 µg/L.

Definitions:

J - The concentration is an approximate value.
µg/L - micrograms per liter.
ND - Non detect.
U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
"--" - No regulatory criteria exists for respective analyte.

Table 5
Metal Analytical Results for 2021 Groundwater
Fort Edward Landfill, Hudson Falls, NY
NYSDEC Site # 558001

Location	NYSDEC Class GA Standard	MW-1	MW-1A	DUP- MW-1A	MW-1D	MW-2	MW-2A	MW-5	MW-6	MW-6A	MW-6B	MW-7	MW-8	MW-9	MW-11	MW-12A	MW-12B
Sample Date		5/19/2021	5/19/2021	5/19/2021	5/18/2021	5/19/2021	5/19/2021	5/20/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021	5/17/2021	5/17/2021	5/20/2021	5/17/2021	5/17/2021
Metals (mg/L)																	
Aluminum	--	0.2 U	0.116 J	0.0808 J	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.174 J	0.2 U	0.2 U	0.187 J	0.345	0.2 U	0.2 U
Antimony	0.003	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Arsenic	0.025	0.015 U	0.0076 J	0.0096 J	0.015 U	0.015 U	0.015 U	NA	0.0107 J	0.0079 J	0.0114 J	0.015 U	0.015 U	0.015 U	0.015 U	0.0097 J	0.0059 J
Barium	1.0	0.0192	0.0079	0.0079	0.517	0.0223	0.064	NA	0.0254	0.0954	0.0076	0.0199	0.0139	0.0598	0.0526	0.146	0.149
Beryllium	0.003	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	NA	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Cadmium	0.005	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	NA	0.002 U	0.00053 J	0.00058 J	0.002 U	0.002 U	0.00074 J	0.002 U	0.002 U	0.001 U
Calcium	--	42.5	12.8	12.8	21	142	40.9	NA	74	103	8.73	42.1	49.5	70.6	64.5	132	134
Chromium	0.05	0.0012 J	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	NA	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Cobalt	--	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	NA	0.0196	0.0015 J	0.004 U	0.0141	0.004 U	0.004 U	0.004 U	0.0025 J	0.0013 J
Copper	0.2	0.001 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0149	0.01 U
Iron	0.3	0.0739 B	0.0244 JB	0.0217 JB	0.169 B	14.7 B	6.4 B	NA	100 B	13.9 B	0.816 B	146 B	0.143	1.0	0.26 B	45.6	1.03
Lead	0.025	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.0058 J	0.01 U	0.01 U	0.0058 J	0.01 U	0.01 U	0.01 U	0.0076 J	0.01 U
Magnesium	35	8.74	1.37	1.39	4.93	23.2	13.6	NA	13.7	37.7 B	1.41	9.77	10.8	142	15.3	41.5	38.7
Manganese	0.3	0.0021 JB	0.0099 B	0.01 B	0.0194	1.27 B	0.304 B	NA	0.92	1.29	0.0207	2.94	0.0017 J	0.0299	0.0286	2.35	0.774
Mercury	0.0007	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	0.1	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.0056 J	0.0078 J	0.0014 J	0.0029 J	0.01 U	0.01 U	0.01 U	0.0123	0.0056 J
Potassium	--	0.913	0.43 J	0.398 J	2.88	1.12	1.31	NA	4.91	7.47	0.88	1.41	0.9 B	1.05 B	1.52	2.87 B	1.86 B
Selenium	0.01	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	NA	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Silver	0.05	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	NA	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Sodium	20	41.2	20	20	44.3	17.2	38.7	NA	5.26	31.8	41.8	2.92	17.5	130	19.4	120	74.9
Thallium	0.0005	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Vanadium	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.0018 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Zinc	2.0	0.01 U	0.01 U	0.01 U	0.0044 J	0.0016 J	0.01 U	NA	0.01 U	0.0118	0.0301	0.002 J	0.0022 J	0.0015 J	0.01 U	0.01 U	0.0017 J

Notes:
Concentrations detected above the NYSDEC Class GA Standard are highlighted in yellow.

Definitions:
B - Compound was found in the blank sample.
J - The concentration is an approximate value.
mg/L - milligrams per Liter.
NA - Not analyzed.
U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
"--" - No regulatory criteria exists for respective analyte.

Table 5
Metal Analytical Results for 2021 Groundwater
Fort Edward Landfill, Hudson Falls, NY
NYSDEC Site # 558001

Location	NYSDEC Class GA Standard	MW-13A	MW-13B	MW-14A	MW-14B	MW-15	MW-16	MW-17	EW-1	EW-2	EW-3	EW-4
Sample Date		5/17/2021	5/17/2021	5/19/2021	5/19/2021	5/17/2021	5/20/2021	5/19/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021
Metals (mg/L)												
Aluminum	--	0.4	0.456	0.0719 J	0.884	0.2 U	0.185 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Antimony	0.003	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Arsenic	0.025	0.015 U	0.0088 J	0.015 U	0.0096 J	0.015 U	0.015 U	0.015 U	0.015 U	0.0168	0.0097 J	0.015 U
Barium	1.0	0.17	0.119	0.0485	0.0278	0.0522	0.0696	0.0697	0.498	0.14	0.191	0.0488
Beryllium	0.003	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.00033 J	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Cadmium	0.005	0.002 U	0.002 U	0.002 U	0.002 U	0.00063 J	0.00057 J	0.00058 J	0.0006 J	0.002 U	0.002 U	0.002 U
Calcium	--	40.2	17.8	24.5	4.81	38.8	122	38.6	170	120	77.8	92.2
Chromium	0.05	0.0022 J	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.0027 J	0.004 U	0.004 U	0.004 U
Cobalt	--	0.0019 J	0.00085 J	0.004 U	0.00071 J	0.004 U	0.003 J	0.004 U	0.0069	0.0038 J	0.0097	0.0019 J
Copper	0.2	0.0021 J	0.002 J	0.002 J	0.0028 J	0.01 U	0.01 U	0.01 U	0.0112	0.0309	0.0029 J	0.01 U
Iron	0.3	0.457	0.185	0.0508 B	0.691 B	0.05 U	0.172 B	0.635 B	63.6 B	18 B	31.9 B	18.3 B
Lead	0.025	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0082 J	0.01 U	0.01 U	0.01 U
Magnesium	35	4.29	0.168 J	10.5	0.998	105	68.3	70.1	61.4	41.6	37	21.5
Manganese	0.3	0.039	0.0039	0.0243 B	0.0192 B	0.036	1.99 B	0.129 B	1.02	0.879	0.254	1.61
Mercury	0.0007	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	0.1	0.0015 J	0.0018 J	0.01 U	0.0026 J	0.01 U	0.0066 J	0.01 U	0.0272	0.0118	0.0086 J	0.0017 J
Potassium	--	31.9 B	16.8 B	4.22	20.8	3.24 B	1.25	2.43	42.6	2.67	33.3	2.4
Selenium	0.01	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Silver	0.05	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Sodium	20	49.3	46.8	60.2	64.3	117	31.7	74.4	234	105	65.4	48.2
Thallium	0.0005	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Vanadium	--	0.0033 J	0.0107	0.0024 J	0.009	0.005 U	0.005 U	0.005 U	0.0041 J	0.005 U	0.0048 J	0.005 U
Zinc	2.0	0.0037 J	0.0034 J	0.0045 J	0.0047 J	0.0017 J	0.0016 J	0.01 U	0.0225	0.0612	0.008 J	0.01 U

Notes:
Concentrations detected above the NYSDEC Class GA Standard are highlighted in yellow.

Definitions:
B - Compound was found in the blank sample.
J - The concentration is an approximate value.
mg/L - milligrams per Liter.
NA - Not analyzed.
U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
"--" - No regulatory criteria exists for respective analyte.

Table 6
General Chemistry Analytical Results for 2021 Groundwater
Fort Edward Landfill, Hudson Falls, NY
NYSDEC Site # 558001

Location	NYSDEC Class GA Standard	MW-1	MW-1A	DUP MW-1A	MW-1D	MW-2	MW-2A	MW-5	MW-6	MW-6A	MW-6B	MW-7	MW-8	MW-9
Sample Date		5/19/2021	5/19/2021	10/24/2018	5/18/2021	5/18/2021	5/19/2021	5/20/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021	5/17/2021	5/17/2021
Conventional Chemistry (mg/L)														
Total Dissolved Solids	--	306	126	121	212	510	323	NA	423	516	178	397	304	906
Total Suspended Solids	--	4.0 U	4.0 U	4.0 U	4.0 U	16.8	8.0	NA	47.2	36.8	10	85.2	4.0 U	4.0 U

Location	NYSDEC Class GA Standard	MW-11	MW-12A	MW-12B	MW-13A	MW-13B	MW-14A	MW-15	MW-16	MW-17	EW-1	EW-2	EW-3	EW-4
Sample Date		5/20/2021	5/17/2021	5/17/2021	5/17/2021	5/17/2021	5/19/2021	5/17/2021	5/20/2021	5/19/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021
Conventional Chemistry (mg/L)														
Total Dissolved Solids	--	NA	687	845	267	231	253	770	681	492	1,510	793	630	489
Total Suspended Solids	--	NA	4.4	79.2	19.2	7.6	4.0 U	4.0 U	20	5.2	60.8	58.8	64.4	45.6

Notes:
Concentrations detected above the NYSDEC Class GA Standard are highlighted in yellow.

Definitions:
mg/L - milligrams per liter.
NA - Not analyzed.
U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
"--" - No regulatory criteria exists for respective analyte.

Table 7
Emerging Contaminant Analytical Results for 2021 Groundwater
Fort Edward Landfill, Hudson Falls, NY
NYSDEC Site # 558001

Location	NYSDEC Class GA Standard	USEPA Lifetime Health Advisory	MW-1	MW-1A	DUP- MW-1A	MW-1D	MW-2	MW-2A	MW-5	MW-6	MW-6A	MW-6B	MW-7	MW-8	MW-9	MW-11	MW-12A	MW-12B
Sample Date			5/19/2021	5/19/2021	5/19/2021	5/18/2021	5/19/2021	5/19/2021	5/20/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021	5/17/2021	5/17/2021	5/20/2021	5/17/2021	5/17/2021
Perfluorinated Alkyl Substances (ng/L)																		
Perfluorobutanoic acid (PFBA)	100	--	2.8 JB	0.96 JB	1.66 U	0.84 JB	5.96 B	2.88 JB	19.3 B	3.8 JB	5.6 B	2.12 JB	5.32 B	1.4 J	55	4.56 B	18.7	18.5
Perfluoropentanoic acid (PFPeA)	100	--	3.14	1.66 U	1.66 U	1.68 U	1.15 J	4.68	56.3	3.9	4.76	1.51 J	1.63 U	1.67 U	146	1.02 J	26.1	25.3
Perfluorobutanesulfonic acid (PFBS)	100	--	2.44 B	1.66 U	1.66 U	1.68 U	1.69 B	3.33 B	5.75 B	0.8 JB	1.35 JB	0.46 JB	0.29 JB	1.83	5.71	0.71 JB	3.89	4.0
Perfluorohexanesulfonic acid (PFHxS)	100	--	1.77 B	1.66 U	1.66 U	1.68 U	1.44 JB	0.83 JB	22.7 B	1.18 J	2.47	0.37 J	0.25 J	0.41 J	2.81	1.81 U	10.8	6.58
Perfluorohexanoic acid (PFHxA)	100	--	4.56 B	1.66 U	1.66 U	1.68 U	2.21 B	4.98 B	103 B	6.97	8.69	2.52	0.41 J	1.67 U	144	1.12 JB	54	53.8
Perfluoroheptanesulfonic acid (PFHpS)	100	--	1.68 U	1.66 U	1.66 U	1.68 U	0.55 JB	1.75 U	1.78 B	1.69 U	0.56 J	1.69 U	1.63 U	1.67 U	1.67 U	1.81 U	0.48 J	1.61 U
Perfluoroheptanoic acid (PFHpA)	100	--	4.45 B	1.66 U	1.66 U	1.68 U	2.38 B	1.57 JB	45.6 B	3.5 B	4.17 B	0.68 JB	0.46 JB	1.67 U	29.3	0.74 JB	23	23.5
Perfluorooctanoic acid (PFOA)	10	70	10.4	1.66 U	1.66 U	1.68 U	26.9	3.82	141	9.76	13.4	0.9 J	3.36	0.68 J	55.4	1.6 J	60.6	43.7
Perfluorooctanesulfonic acid (PFOS)	10	70	5.31 B	1.66 U	1.66 U	1.68 U	30.7 B	0.63 JB	80.7 B	11.2 B	6.56 B	0.99 JB	0.7 JB	1.52 J	5.63	0.45 JB	20.3	1.89
Perfluorononanoic acid (PFNA)	100	--	1.68 U	1.66 U	1.66 U	1.68 U	0.69 JB	1.75 U	1.08 JB	0.46 J	0.71 J	1.69 U	1.63 U	1.67 U	1.67 U	1.81 U	0.51 J	1.61 U
Perfluorodecanoic acid (PFDA)	100	--	1.68 U	1.66 U	1.66 U	1.68 U	1.66 U	1.75 U	0.28 JB	1.69 U	0.46 JB	1.69 U	1.63 U	1.67 U	1.67 U	1.81 U	1.67 U	1.61 U
Perfluoroundecanoic acid (PFUnA)	100	--	1.68 U	1.66 U	1.66 U	1.68 U	1.66 U	1.75 U	1.67 U	1.69 U	0.35 J	1.69 U	1.63 U	1.67 U	1.67 U	1.81 U	1.67 U	1.61 U
Perfluorododecanoic acid (PFDoA)	100	--	1.68 U	1.66 U	1.66 U	1.68 U	1.66 U	1.75 U	1.67 U	1.69 U	0.4 J	1.69 U	1.63 U	1.67 U	1.67 U	1.81 U	1.67 U	1.61 U
Perfluorotridecanoic acid (PFTriA)	100	--	1.68 U	1.66 U	1.66 U	1.68 U	1.66 U	1.75 U	1.67 U	1.69 U	1.76 U	1.69 U	1.63 U	1.67 U	1.67 U	1.81 U	1.67 U	1.61 U
Perfluorotetradecanoic acid (PFTeA)	100	--	1.68 U	1.66 U	1.66 U	1.68 U	1.66 U	1.75 U	1.67 U	1.69 U	1.76 U	1.69 U	1.63 U	1.67 U	1.67 U	1.81 U	1.67 U	1.61 U
Perfluorodecanesulfonic acid (PFDS)	100	--	1.68 U	1.66 U	1.66 U	1.68 U	1.66 U	1.75 U	1.67 U	1.69 U	0.32 J	1.69 U	1.63 U	1.67 U	1.67 U	1.81 U	1.67 U	1.61 U
Perfluorooctanesulfonamide (FOSA)	100	--	1.68 U	1.66 U	1.66 U	1.68 U	1.66 U	1.75 U	1.67 U	1.69 U	1.76 U	1.69 U	1.63 U	1.67 U	1.67 U	1.81 U	1.67 U	1.61 U
N-Methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	100	--	4.19 U	4.16 U	4.16 U	4.19 U	4.16 U	4.38 U	4.18 U	4.22 U	4.4 U	4.21 U	4.06 U	4.16 U	4.16 U	4.52 U	4.16 U	4.03 U
N-Ethylperfluorooctanesulfonamidoacetic acid (NEFOSAA)	100	--	4.19 U	4.16 U	4.16 U	4.19 U	4.16 U	4.38 U	4.04 J	0.81 J	4.4 U	4.21 U	4.06 U	4.16 U	4.16 U	4.52 U	4.16 U	4.03 U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2)	100	--	4.19 U	4.16 U	4.16 U	4.19 U	4.16 U	4.38 U	1.18 J	4.22 U	4.4 U	4.21 U	4.06 U	4.16 U	4.16 U	4.52 U	4.16 U	4.03 U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2)	100	--	1.68 U	1.66 U	1.66 U	1.68 U	1.66 U	1.75 U	1.67 U	1.69 U	0.34 J	1.69 U	1.63 U	1.67 U	1.67 U	1.81 U	1.67 U	1.61 U
Total PFOA + PFOS	10	70	15.71	ND	ND	ND	57.6	4.45	221.7	20.96	19.96	1.89	4.06	2.2	61.03	2.05	80.9	45.59
Total PFAS	500	--	34.87	0.96	ND	0.84	73.67	22.72	482.71	42.38	50.14	9.55	10.79	5.84	443.85	10.2	218.38	177.27
1,4-Dioxane (µg/L)																		
1,4-Dioxane	1.0	--	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.14 JB	68 EB	5.2 EB	4.4 EB	0.15 JB	0.2 U	0.19 U	1.5 E	0.19 U	50 E	61 E

Notes:

Constituents detected above the New York State Department of Environmental Conservation Groundwater Standard and Guidance Value (NYSDEC Class GA Standard) are highlighted in yellow.

Constituents detected above the United States Environmental Protection Agency (USEPA) Lifetime Health Advisory are highlighted in orange.

Definitions:

B - Compound was found in the blank and sample.

E - Compound concentration exceeds the upper calibration level of the instrument.

J - The concentration is an approximate value.

µg/L - micrograms per liter.

ND - Non detect.

ng/L - nanograms per liter.

U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

"--" - No regulatory criteria exists for respective analyte.

Table 7
Emerging Contaminant Analytical Results for 2021 Groundwater
Fort Edward Landfill, Hudson Falls, NY
NYSDEC Site # 558001

Location	NYSDEC Class GA Standard	USEPA Lifetime Health Advisory	MW-13A	MW-13B	MW-14A	MW-14B	MW-15	MW-16	MW-17	EW-1	EW-2	EW-3	EW-4
Sample Date			5/17/2021	5/17/2021	5/19/2021	5/19/2021	5/17/2021	5/20/2021	5/19/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021
Perfluorinated Alkyl Substances (ng/L)													
Perfluorobutanoic acid (PFBA)	100	--	3.22 J	4.92	1.77 U	1.75 U	9.36	33.3 B	1.66 U	131 B	17.7 B	10.5 B	8.5 B
Perfluoropentanoic acid (PFPeA)	100	--	1.53 J	1.94	1.77 U	1.75 U	30.9	134	1.66 U	226	26.3	17.5	17.8
Perfluorobutanesulfonic acid (PFBS)	100	--	0.42 J	0.42 J	1.77 U	1.75 U	0.54 J	2.18 B	1.66 U	9.97 B	2.92 B	2.34 B	1.68 B
Perfluorohexanesulfonic acid (PFHxS)	100	--	0.39 J	0.31 J	1.77 U	1.75 U	1.67 J	21.7 B	1.66 U	32.6	9.64	5.65	1.62 J
Perfluorohexanoic acid (PFHxA)	100	--	1.29 J	2.16	1.77 U	1.75 U	19.7	104 B	1.66 U	401	51.2	35.3	25.1
Perfluoroheptanesulfonic acid (PFHpS)	100	--	1.06 J	1.80 U	1.77 U	1.75 U	1.77 U	1.33 JB	1.66 U	1.83	0.6 J	0.36 J	1.67 U
Perfluoroheptanoic acid (PFHpA)	100	--	1.71 U	1.36 J	1.77 U	1.75 U	10.7	66.5 B	1.66 U	150 B	20.6 B	13.7 B	6.64 B
Perfluorooctanoic acid (PFOA)	10	70	4.88	3.7	1.77 U	1.75 U	6.99	63.2	1.66 U	1,140	54.9	30.1	18.9
Perfluorooctanesulfonic acid (PFOS)	10	70	0.82 J	0.43 J	0.5 JB	0.93 JB	0.86 J	14.8 B	1.66 U	60.5 B	18.6 B	14.8 B	4.72 B
Perfluorononanoic acid (PFNA)	100	--	1.71 U	1.80 U	1.77 U	1.75 U	1.77 U	1.86 B	1.66 U	2.24	0.61 J	0.35 J	1.67 U
Perfluorodecanoic acid (PFDA)	100	--	1.71 U	1.80 U	1.77 U	1.75 U	1.77 U	1.56 U	1.66 U	0.47 JB	1.65 U	1.71 U	1.67 U
Perfluoroundecanoic acid (PFUnA)	100	--	1.71 U	1.80 U	1.77 U	1.75 U	1.77 U	1.56 U	1.66 U	1.62 U	1.65 U	1.71 U	1.67 U
Perfluorododecanoic acid (PFDoA)	100	--	1.71 U	1.80 U	1.77 U	1.75 U	1.77 U	1.56 U	1.66 U	1.62 U	1.65 U	1.71 U	1.67 U
Perfluorotridecanoic acid (PFTriA)	100	--	1.71 U	1.80 U	1.77 U	1.75 U	1.77 U	1.56 U	1.66 U	1.62 U	1.65 U	1.71 U	1.67 U
Perfluorotetradecanoic acid (PFTeA)	100	--	1.71 U	1.80 U	1.77 U	1.75 U	1.77 U	1.56 U	1.66 U	1.62 U	1.65 U	1.71 U	1.67 U
Perfluorodecanesulfonic acid (PFDS)	100	--	1.71 U	1.80 U	1.77 U	1.75 U	1.77 U	1.56 U	1.66 U	1.62 U	1.65 U	1.71 U	1.67 U
Perfluorooctanesulfonamide (FOSA)	100	--	1.71 U	1.80 U	1.77 U	1.75 U	1.77 U	1.56 U	1.66 U	1.62 U	1.65 U	1.71 U	1.67 U
N-Methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	100	--	4.28 U	4.49 U	4.42 U	4.36 U	4.41 U	3.9 U	4.16 U	1.98 J	4.12 U	4.29 U	4.17 U
N-Ethylperfluorooctanesulfonamidoacetic acid (NEFOSAA)	100	--	4.28 U	4.49 U	4.42 U	4.36 U	4.41 U	3.9 U	4.16 U	51.1	2.12 J	1.67 J	4.17 U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2)	100	--	4.28 U	4.49 U	4.42 U	4.36 U	7.59	881	1.45 J	2.12 J	4.12 U	4.29 U	4.17 U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2)	100	--	1.71 U	1.80 U	1.77 U	1.75 U	1.77 U	2.11	1.66 U	1.62 U	1.65 U	1.71 U	1.67 U
Total PFOA + PFOS	10	70	5.7	4.13	0.5	0.93	7.85	78	ND	1,200.5	73.5	44.9	23.62
Total PFAS	500	--	13.61	15.24	0.5	0.93	88.31	1,325.98	1.45	2,210.81	205.19	132.27	84.96
1,4-Dioxane (µg/L)													
1,4-Dioxane	1.0	--	0.12 J	0.19 U	0.19 U	0.19 U	0.13 J	0.84 B	0.19 U	130 EB	44 EB	68 EB	3.6 EB

Notes:

Constituents detected above the New York State Department of Environmental Conservation Groundwater Standard and Guidance Value (NYSDEC Class GA Standard) are highlighted in yellow.

Constituents detected above the United States Environmental Protection Agency (USEPA) Lifetime Health Advisory are highlighted in orange.

Definitions:

B - Compound was found in the blank and sample.

E - Compound concentration exceeds the upper calibration level of the instrument.

J - The concentration is an approximate value.

µg/L - micrograms per liter.

ND - Non detect.

ng/L - nanograms per liter.

U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

--" - No regulatory criteria exists for respective analyte.

Table 8
Volatile Organic Compound Analytical Results for 2021 Surface Water
Fort Edward Landfill, Hudson Falls, NY
NYSDEC Site # 558001

Location	NYSDEC Aquatic Life - Chronic A(C)	NYSDEC Aquatic Life - Acute A(A)	Unnamed Pond	Polishing Pond Influent	DUP - Polishing Pond Influent	Polishing Pond Effluent	GFFC1	GFFC2	GFFC3
Sample Date			5/20/2021	5/18/2021	5/18/2021	5/20/2021	5/20/2021	5/20/2021	5/20/2021
Volatile Organic Compounds (µg/L)									
Acetone	--	--	3.6 J	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	210	760	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (MEK)	--	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5.0	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane (EDB)	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	5.0	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	5.0	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	5.0	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (Freon 12)	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethylene	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethylene	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethylene	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	17	150	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone (MBK)	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene (Cumene)	2.6	23	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl Acetate	--	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Methyl tert-Butyl Ether (MTBE)	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl Cyclohexane	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone (MIBK)	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1,2-Tetrachloroethane	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethylene	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	100	480	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	5.0	5.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethylene	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (Freon 11)	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11)	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl Chloride	--	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
m+p Xylene	65	590	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
o-Xylene	65	590	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Xylenes (total)	65	590	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Total VOCs	--	--	3.6	ND	ND	ND	ND	ND	ND

Notes:

Concentrations detected above the New York State Department of Environmental Conservation (NYSDEC) Aquatic Life - Chronic Standards are highlighted in yellow.
Concentrations detected above the NYSDEC Aquatic Life - Chronic and Acute Standards are highlighted in orange.

Definitions:

J - The concentration is an approximate value.

µg/L - Micrograms per liter.

ND - Non detect.

U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

"--" - No regulatory criteria exists for respective analyte.

Table 9
Polychlorinated Biphenyl Analytical Results for 2021 Surface Water
Fort Edward Landfill, Hudson Falls, NY
NYSDEC Site # 558001

Location	NYSDEC Protection of Wildlife (W)	Unnamed Pond	Polishing Pond Influent	DUP - Polishing Pond	Polishing Pond Effluent	GFFC1	GFFC2	GFFC3
Sample Date		5/20/2021	5/18/2021	5/18/2021	5/20/2021	5/20/2021	5/20/2021	5/20/2021
Polychlorinated Biphenyls (µg/L)								
PCB-1016	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
PCB-1221	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
PCB-1232	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
PCB-1242	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
PCB-1248	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
PCB-1254	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
PCB-1260	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
PCB-1262	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
PCB-1268	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Total PCBs	0.00012	ND	ND	ND	ND	ND	ND	ND

Notes:

Concentrations detected above the New York State Department of Environmental Conservation (NYSDEC) Protection of Wildlife Standards are highlighted in yellow.

Definitions:

µg/L - micrograms per liter.

ND - Non detect.

U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

"--" - No regulatory criteria exists for respective analyte.

Table 10
Metal Analytical Results for 2021 Surface Water
Fort Edward Landfill, Hudson Falls, NY
NYSDEC Site # 558001

Location	NYSDEC Aquatic Life - Chronic A(C)	NYSDEC Aquatic Life - Acute A(A)	Unnamed Pond	Polishing Pond Influent	DUP - Polishing Pond Influent	Polishing Pond Effluent	GFFC1	GFFC2	GFFC3
Sample Date			5/20/2021	5/18/2021	5/18/2021	5/20/2021	5/20/2021	5/20/2021	5/20/2021
Total Metals (mg/L)									
Aluminum	0.1	--	0.0749 J	0.2 U	0.2 U	1.59	0.147 J	0.126 J	0.146 J
Antimony	--	--	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Arsenic	0.15	0.34	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U
Barium	--	--	0.0297	0.0338	0.0338	0.046	0.0078	0.0078	0.0078
Beryllium ^H	1.0	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Cadmium ^H	0.0021	0.0038	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	--	--	52.1	85.3	84.3	76.8	8.99	9.19	9.27
Chromium ^H	0.07	0.6	0.004 U	0.004 U	0.004 U	0.0019 J	0.004 U	0.0029 J	0.004 U
Cobalt	0.005	0.11	0.004 U	0.004 U	0.004 U	0.00088 J	0.004 U	0.004 U	0.004 U
Copper ^H	0.009	0.013	0.01 U	0.003 J	0.0026 J	0.0029 J	0.01 U	0.01 U	0.01 U
Iron	0.3	0.3	2.59 B	0.705 B	0.695 B	2.22 B	0.248 B	0.252 B	0.267 B
Lead ^H	0.004	0.1	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Magnesium	--	--	21.7	16.5	16.5	17.7	1.54	1.58	1.54
Manganese	--	--	0.133 B	0.165	0.165	0.265	0.0213 B	0.0204 B	0.0216 B
Mercury	0.00077	0.0014	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel ^H	0.05	0.47	0.004 J	0.0031 J	0.0029 J	0.0044 J	0.01 U	0.01 U	0.01 U
Potassium	--	--	3.72	2.9	2.7	2.98	0.359 J	0.322 J	0.375 J
Selenium	0.0046	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Silver ^H	0.0001	0.0041	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Sodium	--	--	50.4	43.2	42.8	45.1	9.4	9.52	9.12
Thallium	0.008	0.02	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Vanadium	0.014	0.19	0.005 U	0.005 U	0.005 U	0.0029 J	0.005 U	0.005 U	0.005 U
Zinc ^H	0.083	0.12	0.0015 J	0.01 U	0.01 U	0.0086 J	0.0034 J	0.0024 J	0.003 J

Notes:

Concentrations detected above the New York State Department of Environmental Conservation (NYSDEC) Aquatic Life - Chronic Standards are highlighted in yellow.

Concentrations detected above the NYSDEC Aquatic Life - Chronic and Acute Standards are highlighted in orange.

Definitions:

B - Compound was found in the blank sample.

^H - indicates that the NYSDEC Chronic and/or Acute standard is hardness dependent, hardness expressed as 100 parts per million (ppm) calcium carbonate. It should be noted that hardness dependent standards are for dissolved concentrations, but the above are total concentrations.

J - The concentration is an approximate value.

mg/L - milligrams per liter.

ppm - parts per million

U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

"--" - No regulatory criteria exists for respective analyte.

Table 11
General Chemistry Analytical Results for 2021 Surface Water
Fort Edward Landfill, Hudson Falls, NY
NYSDEC Site # 558001

Location	NYSDEC Class GA Standard	Unnamed Pond	Polishing Pond Influent	Polishing Pond Effluent	GFFC1	GFFC2	GFFC3
Sample Date		5/20/2021	5/18/2021	5/20/2021	5/20/2021	5/20/2021	5/20/2021
Conventional Chemistry (mg/L)							
Total Dissolved Solids	--	NA	NA	381	NA	NA	NA
Total Suspended Solids	--	NA	NA	40.8	NA	NA	NA

Notes:

Concentrations detected above the NYSDEC Class GA Standard are highlighted in yellow.

Definitions:

mg/L - milligrams per liter.

NA - Not analyzed.

"--" - No regulatory criteria exists for respective analyte.

Table 12
Emerging Contaminant Analytical Results for 2021 Surface Water
Fort Edward Landfill, Hudson Falls, NY
NYSDEC Site # 558001

Location	NYSDEC Class GA Standard	USEPA Lifetime Health Advisory	Unnamed Pond	Polishing Pond Influent	DUP - Polishing Pond Influent	Polishing Pond Effluent	GFFC1	GFFC2	GFFC3
Sample Date			5/20/2021	5/18/2021	5/18/2021	5/20/2021	5/20/2021	5/20/2021	5/20/2021
Perfluorinated Alkyl Substance (ng/L)									
Perfluorobutanoic acid (PFBA)	100	--	16.8 B	8.42 B	8.11 B	9.38 B	1.28 JB	1.1 JB	1.05 JB
Perfluoropentanoic acid (PFPeA)	100	--	23.7	10.1	9.67	12.7	0.53 J	0.61 J	1.69 U
Perfluorobutanesulfonic acid (PFBS)	100	--	2.95 B	1.98 B	1.82 B	1.78 B	0.42 JB	0.55 JB	0.49 JB
Perfluorohexanesulfonic acid (PFHxS)	100	--	7.95 B	2.14	1.78	1.84	0.4 JB	0.33 JB	0.34 JB
Perfluorohexanoic acid (PFHxA)	100	--	40 B	13.2	13.6	15.8	0.61 JB	0.44 JB	0.39 JB
Perfluoroheptanesulfonic acid (PFHpS)	100	--	0.63 JB	0.34 J	1.66 U	1.66 U	1.73 U	1.62 U	1.69 U
Perfluoroheptanoic acid (PFHpA)	100	--	19.7 B	6.01 B	5.96 B	6.85 B	0.42 JB	0.39 JB	0.35 JB
Perfluorooctanoic acid (PFOA)	10	70	87.9	22.4	21.9	24	0.96 J	0.85 J	0.52 J
Perfluorooctanesulfonic acid (PFOS)	10	70	28.7 B	3.57 B	3.79 B	4.13 B	0.64 JB	0.72 JB	0.57 JB
Perfluorononanoic acid (PFNA)	100	--	0.74 JB	0.61 J	0.33 J	0.6 J	1.73 U	1.62 U	1.69 U
Perfluorodecanoic acid (PFDA)	100	--	1.63 U	0.32 JB	1.66 U	1.66 U	1.73 U	1.62 U	1.69 U
Perfluoroundecanoic acid (PFUnA)	100	--	1.63 U	0.3 J	1.66 U	1.66 U	1.73 U	1.62 U	1.69 U
Perfluorododecanoic acid (PFDoA)	100	--	1.63 U	1.61 U	1.66 U	1.66 U	1.73 U	1.62 U	1.69 U
Perfluorotridecanoic acid (PFTriA)	100	--	1.63 U	1.61 U	1.66 U	1.66 U	1.73 U	1.62 U	1.69 U
Perfluorotetradecaic acid (PFTea)	100	--	1.63 U	1.61 U	1.66 U	1.66 U	1.73 U	1.62 U	1.69 U
Perfluorodecanesulfonic acid (PFDS)	100	--	1.63	0.31 J	1.66 U	1.66 U	1.73 U	1.62 U	1.69 U
Perfluorooctanesulfonamide (FOSA)	100	--	0.58 J	1.61 U	1.66 U	1.66 U	1.73 U	1.62 U	1.69 U
N-Methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	100	--	4.08 U	4.03 U	4.15 U	4.15 U	4.31 U	4.06 U	4.23 U
N-Ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	100	--	8.16	4.03 U	4.15 U	4.15 U	4.31 U	4.06 U	4.23 U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2)	100	--	2.08 J	4.03 U	4.15 U	4.15 U	4.31 U	4.06 U	4.23 U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2)	100	--	1.63 U	1.61 U	1.66 U	1.66 U	1.73 U	1.62 U	1.69 U
Total PFOA + PFOS	10	70	116.6	25.97	25.69	28.13	1.6	1.57	1.09
Total PFAS	500	--	241.52	69.7	66.96	77.08	5.26	4.99	3.71
1,4-Dioxane (µg/L)									
1,4-Dioxane	1.0	--	10 EB	2.3 B	2.6 EB	2.7 EB	1.0 U	1.1 U	1.1 U

Notes:

Constituents detected above the New York State Department of Environmental Conservation (NYSDEC) Groundwater Standard and Guidance Value (Class GA Standard) are highlighted in yellow.

Constituents detected above the United States Environmental Protection Agency (USEPA) Lifetime Health Advisory are highlighted in orange.

Definitions:

B - Compound was found in the blank and sample.

E - Compound concentration exceeds the upper calibration level of the instrument.

J - The concentration is an approximate value.

µg/L - micrograms per liter.

ng/L - nanograms per liter.

U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

--" - No regulatory criteria exists for respective analyte.

Table 13
Volatile Organic Compound Analytical Results for 2021 Sediment
Fort Edward Landfill, Hudson Falls, NY
NYSDEC Site # 558001

Location	NYSDEC Freshwater SGVs Class A	NYSDEC Freshwater SGVs Class C	NYSDEC Wildlife BSGV	Unnamed Pond	Polishing Pond Influent	DUP- Polishing Pond Influent	Polishing Pond Effluent	GFFC1	GFFC2	GFFC3
Sample Date	5/20/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021	5/20/2021	5/20/2021	5/20/2021
Volatile Organic Compounds (mg/Kg)										
Acetone	--	--	--	0.024 J	0.08	0.029 J	0.033 J	0.028 J	0.013 J	0.12
Benzene	0.53	1.9	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
Bromodichloromethane	--	--	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
Bromoform	--	--	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
Bromomethane	--	--	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
2-Butanone (MEK)	--	--	--	0.043 U	0.017 J	0.036 U	0.036 U	0.042 U	0.036 U	0.028 J
Carbon Disulfide	--	--	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
Carbon Tetrachloride	1.07	9.6	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
Chlorobenzene	0.2	1.7	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
Chlorodibromomethane	--	--	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
Chloroethane	--	--	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
Chloroform	--	--	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
Chloromethane	--	--	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
1,2-Dibromoethane (EDB)	--	--	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
1,2-Dichlorobenzene	0.28	2.5	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
1,3-Dichlorobenzene	1.8	7.1	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
1,4-Dichlorobenzene	0.72	3.3	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
Dichlorodifluoromethane (Freon 12)	--	--	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
1,1-Dichloroethane	--	--	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
1,2-Dichloroethane	--	--	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
1,1-Dichloroethylene	0.52	4.7	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
cis-1,2-Dichloroethylene	--	--	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
trans-1,2-Dichloroethylene	1.2	11	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
1,2-Dichloropropane	--	--	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
1,3-Dichloropropane	--	--	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
2,2-Dichloropropane	--	--	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
1,1-Dichloropropene	--	--	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
cis-1,3-Dichloropropene	--	--	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
trans-1,3-Dichloropropene	--	--	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
Ethylbenzene	0.43	3.7	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
2-Hexanone (MBK)	--	--	--	0.043 U	0.058 U	0.036 U	0.036 U	0.042 U	0.036 U	0.049 U
Isopropylbenzene (Cumene)	0.21	1.8	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
Methyl Acetate	--	--	--	0.043 U	0.058 U	0.036 U	0.036 U	0.042 U	0.036 U	0.049 U
Methyl tert-Butyl Ether (MTBE)	--	--	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
Methyl Cyclohexane	--	--	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
Methylene Chloride	--	--	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
4-Methyl-2-pentanone (MIBK)	--	--	--	0.043 U	0.058 U	0.036 U	0.036 U	0.042 U	0.036 U	0.049 U
Styrene	--	--	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
1,1,1,2-Tetrachloroethane	9.0	18	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
1,1,2,2-Tetrachloroethane	2.8	5.4	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
Tetrachloroethylene	16	57	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
Toluene	0.93	4.5	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
1,2,3-Trichlorobenzene	0.23	2.8	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
1,2,4-Trichlorobenzene	35	55	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
1,3,5-Trichlorobenzene	--	--	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
1,1,1-Trichloroethane	1.9	3.5	0.25	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
1,1,2-Trichloroethane	1.9	3.5	0.25	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
Trichloroethylene	1.8	8.6	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
Trichlorofluoromethane (Freon 11)	--	--	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
1,2,3-Trichloropropane	--	--	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	--	--	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
1,2,4-Trimethylbenzene	3.4	30	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
1,3,5-Trimethylbenzene	--	--	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
Vinyl Chloride	--	--	--	0.0085 U	0.012 U	0.0071 U	0.0071 U	0.0083 U	0.0072 U	0.0098 U
Total Xylenes	0.59	5.2	--	0.017 U	0.017 U	0.036 U	0.036 U	0.017 U	0.014 U	0.02 U
Total VOCs	--	--	--	0.024	0.097	0.029	0.033	0.028	0.013	0.148

Notes:

Sediment Guidance Values (SGVs) are normalized to 2% total organic carbon (TOC) since sample specific TOC results are not available, as presented in New York State Department of Environmental Conservation (NYSDEC) 2014.

All sediment samples for which SGVs are available are classified as Class A sediment.

The sum of trichloroethane isomers were used for the SGVs for each isomer (1,1,1-Trichloroethane and 1,1,2-Trichloroethane).

Concentrations detected above the NYSDEC bioaccumulation-based sediment guidance value (BSGV) for wildlife are highlighted in yellow.

Definitions:

J - The concentration is an approximate value.

mg/Kg - milligrams per kilogram.

ND - Non detect.

U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

"--" - No regulatory criteria exists for respective analyte.

Table 14
Polychlorinated Biphenyl Analytical Results for 2021 Sediment
Fort Edward Landfill, Hudson Falls, NY
NYSDEC Site # 558001

Location	NYSDEC Freshwater SGVs Class A	NYSDEC Freshwater SGVs Class C	NYSDEC Wildlife BSGV	Unnamed Pond 5/20/2021	Polishing Pond Influent 5/18/2021	DUP - Polishing Pond Influent 5/18/2021	Polishing Pond Effluent 5/18/2021	GFFC1 5/20/2021	GFFC2 5/20/2021	GFFC3 5/20/2021
Sample Date										
Polychlorinated Biphenyls (mg/Kg)										
PCB-1016	--	--	--	0.33 U	0.46 U	0.33 U	0.34 U	0.32 U	0.3 U	0.35 U
PCB-1221	--	--	--	0.33 U	0.46 U	0.33 U	0.34 U	0.32 U	0.3 U	0.35 U
PCB-1232	--	--	--	0.33 U	0.46 U	0.33 U	0.34 U	0.32 U	0.3 U	0.35 U
PCB-1242	--	--	--	0.33 U	0.46 U	0.33 U	0.34 U	0.32 U	0.3 U	0.35 U
PCB-1248	--	--	--	0.33 U	0.46 U	0.33 U	0.34 U	0.32 U	0.3 U	0.35 U
PCB-1254	--	--	--	0.33 U	0.46 U	0.33 U	0.34 U	0.32 U	0.3 U	0.35 U
PCB-1260	--	--	--	0.33 U	0.46 U	0.33 U	0.34 U	0.32 U	0.3 U	0.35 U
PCB-1262	--	--	--	0.33 U	0.46 U	0.33 U	0.34 U	0.32 U	0.3 U	0.35 U
PCB-1268	--	--	--	0.33 U	0.46 U	0.33 U	0.34 U	0.32 U	0.3 U	0.35 U
Total PCBs	0.1	1.0	0.0041	ND	ND	ND	ND	ND	ND	ND

Notes:

All sediment samples for which Sediment Guidance Values (SGVs) are available are classified as Class A sediment.

Concentrations detected above the NYSDEC bioaccumulation-based sediment guidance value (BSGV) for wildlife are highlighted in yellow.

Definitions:

mg/Kg - milligrams per kilogram.

ND - Non detect.

SGV - sediment guidance value.

U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

--" - No regulatory criteria exists for respective analyte.

Table 15
Metal Analytical Results for 2021 Sediment
Fort Edward Landfill, Hudson Falls, NY
NYSDEC Site # 558001

Location	NYSDEC Freshwater SGVs Class A	NYSDEC Freshwater SGVs Class C	Unnamed Pond	Polishing Pond Influent	DUP- Polishing Pond Influent	Polishing Pond Effluent	GFFC1	GFFC2	GFFC3
Sample Date			5/20/2021	5/18/2021	5/18/2021	5/18/2021	5/20/2021	5/20/2021	5/20/2021
Metals (mg/Kg)									
Aluminum	--	--	5,230	5,070	3,180	17,900	2,580	8,370	14,000
Antimony	--	--	26.4 U	36.7 U	28.6 U	22 U	25.2 U	22.7 U	30.6 U
Arsenic	10	33	1.3 J	47.3	23.7	3.0	1.8 J	4.5	12.2
Barium	--	--	24.6	264	133	120	27	112	246
Beryllium	--	--	0.21 J	0.45 J	0.23 J	0.75	0.15 J	0.44	0.7
Cadmium	1.0	5.0	0.055 J	0.086 J	0.069 J	0.14 J	0.34 U	0.27 J	0.6
Calcium	--	--	7,230	9,060	5,570	7,530	1,640	7,640	13,300
Chromium	43	110	5.8	7.8	4.2	30.9	3.9	15.8	28.7
Cobalt	--	--	2.8	10.3	4.9	10.7	1.7	9.8	20.3
Copper	32	150	2.0	9.4	4.4	17.3	6.7	9.9	18.1
Iron	--	--	10,600	126,000	66,400	22,100	4,370	22,300	46,400
Lead	36	130	3.7	19.7	9.9	15.4	74.8	23.6	40.1
Magnesium	--	--	1,020	1,910	1,200	5,350	691	3,250	5,810
Manganese	--	--	92 B	2,920 B	1,550 B	572 B	94.8 B	3,060 B	8,480 B
Mercury	0.2	1.0	0.032 U	0.054 U	0.023 U	0.023 J	0.49	0.067	0.17
Nickel	23	49	3.0 J	10.8 J	6.4 J	22.5	2.3 J	13.4	25.9
Potassium	--	--	382	576	5.6 J	3,150	407	1,490	3,040
Selenium	--	--	7.0 U	11.4	4.3 U	1.3 J	6.7 U	1.6 J	4.4 J
Silver	1.0	2.2	1.1 U	1.5 U	4.3 U	0.88 U	1.0 U	0.77 J	1.4
Sodium	--	--	260 B	293 JB	198 JB	289 B	203 JB	273 B	391 B
Thallium	--	--	10.6 U	14.7 U	11.4 U	8.8 U	10.1 U	0.79 J	3.4 J
Vanadium	--	--	15.4	33.1	19.2	38.8	7.0	21.7	34.4
Zinc	120	460	12.7	69.9	40	51.8	19.3	74.8	139

Notes:

All detected analytical sediment sample data for which Sediment Guidance Values (SGVs) are available are classified as Class A, B, or C sediment in accordance with New York State Department of Environmental Conservation (NYSDEC) 2014 and indicated by shading.

Concentrations detected between the NYSDEC Class A and Class C SGVs are identified as Class B sediments and are highlighted in yellow.

Concentrations detected above NYSDEC Class C SGVs are highlighted in orange.

Definitions:

B - Compound was found in the blank sample.

J - The concentration is an approximate value.

mg/Kg - milligrams per kilogram.

U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

"--" - No regulatory criteria exists for respective analyte.

Table 16
Perfluorinated Alkyl Substances Analytical Results for 2021 Sediment
Fort Edward Landfill, Hudson Falls, NY
NYSDEC Site # 558001

Location	Unnamed Pond	Polishing Pond Influent	DUP- Polishing Pond Influent	Polishing Pond Effluent	GFFC1	GFFC2	GFFC3
Sample Date	5/20/2021	5/18/2021	5/18/2021	5/18/2021	5/20/2021	5/20/2021	5/20/2021
Perfluorinated Alkyl Substances (µg/Kg)							
Perfluorobutanoic acid (PFBA)	0.41 J	0.47 U	0.35 U	0.29 U	0.34 U	0.29 U	0.4 U
Perfluoropentanoic acid (PFPeA)	0.11 J	0.47 U	0.35 U	0.068 J	0.34 U	0.29 U	0.4 U
Perfluorobutanesulfonic acid (PFBS)	0.048 JB	0.04 JB	0.35 U	0.02 JB	0.34 U	0.29 U	0.031 JB
Perfluorohexanesulfonic acid (PFHxS)	0.12 J	0.065 JB	0.034 JB	0.031 JB	0.023 J	0.29 U	0.18 J
Perfluorohexanoic acid (PFHxA)	0.19 J	0.13 J	0.046 J	0.081 J	0.34 U	0.29 U	0.11 J
Perfluoroheptanesulfonic acid (PFHpS)	0.35 U	0.47 U	0.35 U	0.29 U	0.34 U	0.29 U	0.4 U
Perfluoroheptanoic acid (PFHpA)	0.064 J	0.053 J	0.35 U	0.29 U	0.34 U	0.29 U	0.043 J
Perfluorooctanoic acid (PFOA)	0.37	0.2 J	0.055 J	0.1 J	0.34 U	0.04 J	0.081 J
Perfluorooctanesulfonic acid (PFOS)	1.68	0.73 B	0.21 JB	0.18 JB	0.08 J	0.96	0.43
Perfluorononanoic acid (PFNA)	0.35 U	0.47 U	0.35 U	0.077 J	0.34 U	0.29 U	0.4 U
Perfluorodecanoic acid (PFDA)	0.024 J	0.04 J	0.35 U	0.049 J	0.34 U	0.29 U	0.4 U
Perfluoroundecanoic acid (PFUnA)	0.04 J	0.2 J	0.044 J	0.065 J	0.34 U	0.03 J	0.075 J
Perfluorododecanoic acid (PFDoA)	0.039 J	0.091 J	0.35 U	0.29 U	0.34 U	0.046 J	0.1 J
Perfluorotridecanoic acid (PFTriA)	0.032 J	0.12 J	0.35 U	0.022 J	0.34 U	0.043 J	0.1 J
Perfluorotetradecaic acid (PFTea)	0.35 U	0.056 J	0.35 U	0.29 U	0.34 U	0.041 J	0.069 J
Perfluorodecanesulfonic acid (PFDS)	0.35 U	0.47 U	0.35 U	0.29 U	0.34 U	0.025 J	0.056 J
Perfluorooctanesulfonamide (FOSA)	0.14 J	0.47 U	0.35 U	0.29 U	0.34 U	0.29 U	0.4 U
N-Methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.074 J	4.68 U	3.52 U	2.93 U	3.36 U	0.068 J	0.16 J
N-Ethylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.38 J	4.68 U	3.52 U	2.93 U	3.36 U	2.92 U	0.15 J
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2)	3.51 U	4.68 U	3.52 U	2.93 U	3.36 U	2.92 U	3.96 U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2)	3.51 U	4.68 U	3.52 U	2.93 U	3.36 U	2.92 U	3.96 U
Total PFOA + PFOS	2.05	0.93	0.265	0.28	0.08	1.0	0.511
Total PFAS	4.721	1.725	0.389	0.693	0.103	1.253	1.585

Notes:

There are currently no regulatory standards or guidance values for Perfluorinated Alkyl Substances in sediment.

Definitions:

B - Compound was found in the blank and sample.

J - The concentration is an approximate value.

µg/Kg - micrograms per kilogram.

NA - Not analyzed.

U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

"--" - No regulatory criteria exists for respective analyte.

Table 17
Volatile Organic Compound Analytical Results for 2021 Soil
Fort Edward Landfill, Hudson Falls, NY
NYSDEC Site # 558001

Location	NYSDEC 6 NYCRR Part 375 Commerical Use	Cell 1	Cell 2	Cell 3
Sample Date		5/18/2021	5/18/2021	5/18/2021
Volatile Organic Compounds (mg/Kg)				
Acetone	500	0.031 U	0.32 J	1.0
Benzene	44	0.0061 U	0.14 U	0.15 U
Bromodichloromethane	--	0.0061 U	0.14 U	0.15 U
Bromoform	--	0.0061 U	0.14 U	0.15 U
Bromomethane	--	0.0061 U	0.14 U	0.15 U
2-Butanone (MEK)	500	0.031 U	0.68 U	0.23 J
Carbon Disulfide	--	0.0061 U	0.14 U	0.15 U
Carbon Tetrachloride	22	0.0061 U	0.14 U	0.15 U
Chlorobenzene	500	0.0061 U	0.14 U	0.15 U
Chlorodibromomethane	--	0.0061 U	0.14 U	0.15 U
Chloroethane	--	0.0061 U	0.14 U	0.15 U
Chloroform	350	0.0061 U	0.14 U	0.15 U
Chloromethane		0.0061 U	0.14 U	0.15 U
1,2-Dibromoethane (EDB)	--	0.0061 U	0.14 U	0.15 U
1,2-Dichlorobenzene	500	0.0061 U	0.14 U	0.15 U
1,3-Dichlorobenzene	280	0.0061 U	0.14 U	0.15 U
1,4-Dichlorobenzene	130	0.0061 U	0.14 U	0.15 U
Dichlorodifluoromethane (Freon 12)	--	0.0061 U	0.14 U	0.15 U
1,1-Dichloroethane	240	0.0061 U	0.14 U	0.15 U
1,2-Dichloroethane	30	0.0061 U	0.14 U	0.15 U
1,1-Dichloroethylene	500	0.0061 U	0.14 U	0.15 U
cis-1,2-Dichloroethylene	500	0.0061 U	0.14 U	0.15 U
trans-1,2-Dichloroethylene	500	0.0061 U	0.14 U	0.15 U
1,2-Dichloropropane	--	0.0061 U	0.14 U	0.15 U
1,3-Dichloropropane	--	0.0061 U	0.14 U	0.15 U
2,2-Dichloropropane	--	0.0061 U	0.14 U	0.15 U
1,1-Dichloropropene	--	0.0061 U	0.14 U	0.15 U
cis-1,3-Dichloropropene	--	0.0061 U	0.14 U	0.15 U
trans-1,3-Dichloropropene	--	0.0061 U	0.14 U	0.15 U
Ethylbenzene	390	0.0061 U	0.14 U	0.15 U
2-Hexanone (MBK)	--	0.031 U	0.68 U	0.73 U
Isopropylbenzene (Cumene)	--	0.0061 U	0.14 U	0.15 U

Notes:

Concentrations detected above the New York State Department of Environmental Conservation (NYSDEC) 6 New York Codes, Rules, and Regulations (NYCRR) Part 375 Commerical use soil cleanup objective are highlighted in yellow.

Definitions:

J - The concentration is an approximate value.

mg/Kg - milligrams per kilogram.

ND - Non detect.

U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

"--" - No regulatory criteria exists for respective analyte.

Table 17
Volatile Organic Compound Analytical Results for 2021 Soil
Fort Edward Landfill, Hudson Falls, NY
NYSDEC Site # 558001

Location	NYSDEC 6 NYCRR Part 375 Commerical Use	Cell 1	Cell 2	Cell 3
Sample Date		5/18/2021	5/18/2021	5/18/2021
Volatile Organic Compounds (mg/Kg)				
Methyl Acetate	--	0.031 U	0.68 U	0.73 U
Methyl tert-Butyl Ether (MTBE)	500	0.0061 U	0.14 U	0.15 U
Methyl Cyclohexane	--	0.0061 U	0.14 U	0.15 U
Methylene Chloride	500	0.0061 U	0.14 U	0.15 U
4-Methyl-2-pentanone (MIBK)	--	0.031 U	0.68 U	0.73 U
Styrene	--	0.0061 U	0.14 U	0.15 U
1,1,1,2-Tetrachloroethane	--	0.0061 U	0.14 U	0.15 U
1,1,2,2-Tetrachloroethane	--	0.0061 U	0.14 U	0.15 U
Tetrachloroethylene	150	0.0061 U	0.14 U	0.15 U
Toluene	500	0.0061 U	0.14 U	0.15 U
1,2,3-Trichlorobenzene	--	0.0061 U	0.14 U	0.15 U
1,2,4-Trichlorobenzene	--	0.0061 U	0.14 U	0.15 U
1,3,5-Trichlorobenzene	--	0.0061 U	0.14 U	0.15 U
1,1,1-Trichloroethane	500	0.0061 U	0.14 U	0.15 U
1,1,2-Trichloroethane	--	0.0061 U	0.14 U	0.15 U
Trichloroethylene	200	0.0061 U	0.14 U	0.15 U
Trichlorofluoromethane (Freon 11)	--	0.0061 U	0.14 U	0.15 U
1,2,3-Trichloropropane	--	0.0061 U	0.14 U	0.15 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	--	0.0061 U	0.14 U	0.15 U
1,2,4-Trimethylbenzene	190	0.0061 U	0.14 U	0.15 U
1,3,5-Trimethylbenzene	190	0.0061 U	0.14 U	0.15 U
Vinyl Chloride	13	0.0061 U	0.14 U	0.15 U
Total Xylenes	500	0.012 U	0.27 U	0.29 U
Total VOCs	--	ND	0.32	1.23

Notes:

Concentrations detected above the New York State Department of Environmental Conservation (NYSDEC) 6 New York Codes, Rules, and Regulations (NYCRR) Part 375 Commerical use soil cleanup objective are highlighted in yellow.

Definitions:

J - The concentration is an approximate value.

mg/Kg - milligrams per kilogram.

ND - Non detect.

U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

"--" - No regulatory criteria exists for respective analyte.

Table 18
Polychlorinated Biphenyl Analytical Results for 2021 Soil
Fort Edward Landfill, Hudson Falls, NY
NYSDEC Site # 558001

Location	NYSDEC 6 NYCRR Part 375 Commerical Use	Cell 1	Cell 2	Cell 3
Sample Date		5/18/2021	5/18/2021	5/18/2021
Polychlorinated Biphenyls (mg/Kg)				
PCB-1016	--	0.27 U	1.5 U	4.0
PCB-1221	--	0.27 U	1.5 U	1.4 U
PCB-1232	--	0.27 U	1.5 U	1.4 U
PCB-1242	--	0.27 U	1.5 U	1.4 U
PCB-1248	--	0.27 U	1.5 U	1.4 U
PCB-1254	--	0.27 U	1.5 U	1.4 U
PCB-1260	--	0.27 U	1.5 U	1.4 U
PCB-1262	--	0.27 U	1.5 U	1.4 U
PCB-1268	--	0.27 U	1.5 U	1.4 U
Total PCBs	1.0	ND	ND	4.0

Notes:

Concentrations detected above the New York State Department of Environmental Conservation (NYSDEC) 6 New York Codes, Rules, and Regulations (NYCRR) Part 375 Commerical use soil cleanup objective are highlighted in yellow.

Definitions:

U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

ND - Non detect.

mg/Kg - milligrams per kilogram.

"--" - No regulatory criteria exists for respective analyte.

Table 19
Metal Analytical Results for 2021 Soil
Fort Edward Landfill, Hudson Falls, NY
NYSDEC Site # 558001

Location	NYSDEC 6 NYCRR Part 375 Commercial Use	Cell 1	Cell 2	Cell 3
Sample Date		5/18/2021	5/18/2021	5/18/2021
Metals (mg/Kg)				
Aluminum	--	2,250	13,900	14,400
Antimony	--	18.1 U	97.5 U	98.1 U
Arsenic	16	1.3 J	9.7 J	5.3 J
Barium	400	18.4	132	101
Beryllium	590	0.11 J	0.8 J	0.56 J
Cadmium	9.3	0.15 J	0.37 J	0.2 J
Calcium	--	14,600	16,600	11,500
Chromium	1,500	4.3	20.6	18.4
Cobalt	--	2.4	13.2	10.2
Copper	270	11.7	24.5	23.6
Iron	--	4,990	14,400	23,900
Lead	1,000	3.3	10.9	11.5
Magnesium	--	6,910	4,120	2,430
Manganese	10,000	207 B	1,280 B	750 B
Mercury	2.8	0.023 J	0.054 J	0.14 U
Nickel	310	5.6 J	21.9 J	16.9 J
Potassium	--	548	2,380	1,950
Selenium	1,500	4.8 U	26 U	26.1 U
Silver	1,500	0.73 U	3.9 U	3.9 U
Sodium	--	69.1 JB	583 JB	562 JB
Thallium	--	7.3 U	39 U	39.2 U
Vanadium	--	6.5	30.8	24.2
Zinc	10,000	22.6	60.8	46.3

Notes:

Concentrations detected above the New York State Department of Environmental Conservation (NYSDEC) 6 New York Codes, Rules, and Regulations (NYCRR) Part 375 Commercial use soil cleanup objective are highlighted in yellow.

Definitions:

B - Compound was found in the blank sample.

J - The concentration is an approximate value.

mg/Kg - milligrams per kilogram.

U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

"--" - No regulatory criteria exists for respective analyte.

Table 20
Perfluorinated Alkyl Substances Analytical Results for 2021 Soil
Fort Edward Landfill, Hudson Falls, NY
NYSDEC Site # 558001

Location	NYSDEC Commerical Use Soil Guidance Value	Cell 1	Cell 2	Cell 3
Sample Date		5/18/2021	5/18/2021	5/18/2021
Perfluorinated Alkyl Substances (µg/Kg)				
Perfluorobutanoic acid (PFBA)	--	0.24 U	1.27 U	1.25 U
Perfluoropentanoic acid (PFPeA)	--	0.07 J	1.27 U	0.28 J
Perfluorobutanesulfonic acid (PFBS)	--	0.011 JB	0.092 JB	0.072 JB
Perfluorohexanesulfonic acid (PFHxS)	--	0.04 JB	0.24 JB	0.2 JB
Perfluorohexanoic acid (PFHxA)	--	0.24 U	0.41 J	0.35 J
Perfluoroheptanesulfonic acid (PFHpS)	--	0.24 U	1.27 U	1.25 U
Perfluoroheptanoic acid (PFHpA)	--	0.029 J	0.26 J	0.13 J
Perfluorooctanoic acid (PFOA)	500	0.058 J	1.25 J	0.64 J
Perfluorooctanesulfonic acid (PFOS)	440	0.59 B	2.43 B	4.18 B
Perfluorononanoic acid (PFNA)	--	0.071 J	0.22 J	1.25 U
Perfluorodecanoic acid (PFDA)	--	0.067 J	0.087 J	0.11 J
Perfluoroundecanoic acid (PFUnA)	--	0.15 J	1.27 U	0.21 J
Perfluorododecanoic acid (PFDoA)	--	0.065 J	1.27 U	0.13 J
Perfluorotridecanoic acid (PFTriA)	--	0.054 J	1.27 U	0.098 J
Perfluorotetradecaic acid (PFTea)	--	0.031 J	1.27 U	1.25 U
Perfluorodecanesulfonic acid (PFDS)	--	0.24 U	1.27 U	1.25 U
Perfluorooctanesulfonamide (FOSA)	--	0.24 U	1.27 U	0.12 J
N-Methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	--	2.38 U	12.7 U	12.5 U
N-Ethylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	--	2.38 U	12.7 U	2.14 J
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2)	--	2.38 U	12.7 U	12.5 U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2)	--	2.38 U	12.7 U	12.5 U
Total PFOA + PFOS	--	0.648	3.68	4.82
Total PFAS	--	1.236	4.989	8.66

Notes:

Concentrations detected above the New York State Department of Environmental Conservation (NYSDEC) Commerical Use soil guidance values are highlighted in yellow.

Definitions:

B - Compound was found in the blank and sample.

J - The concentration is an approximate value.

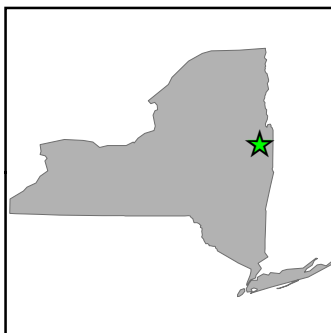
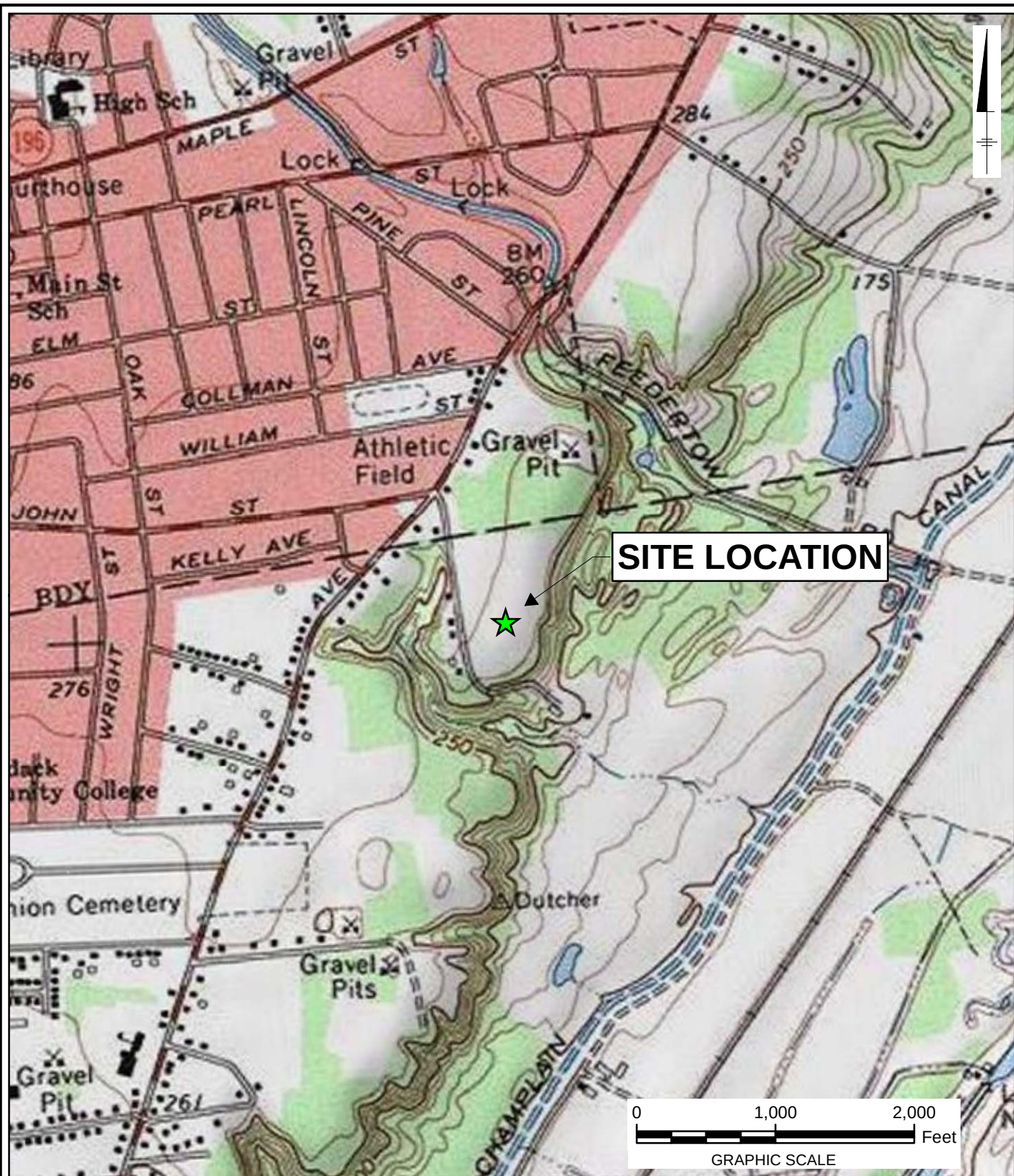
µg/Kg - micrograms per kilogram.

U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

"--" - No regulatory criteria exists for respective analyte.

FIGURES





NOTE:

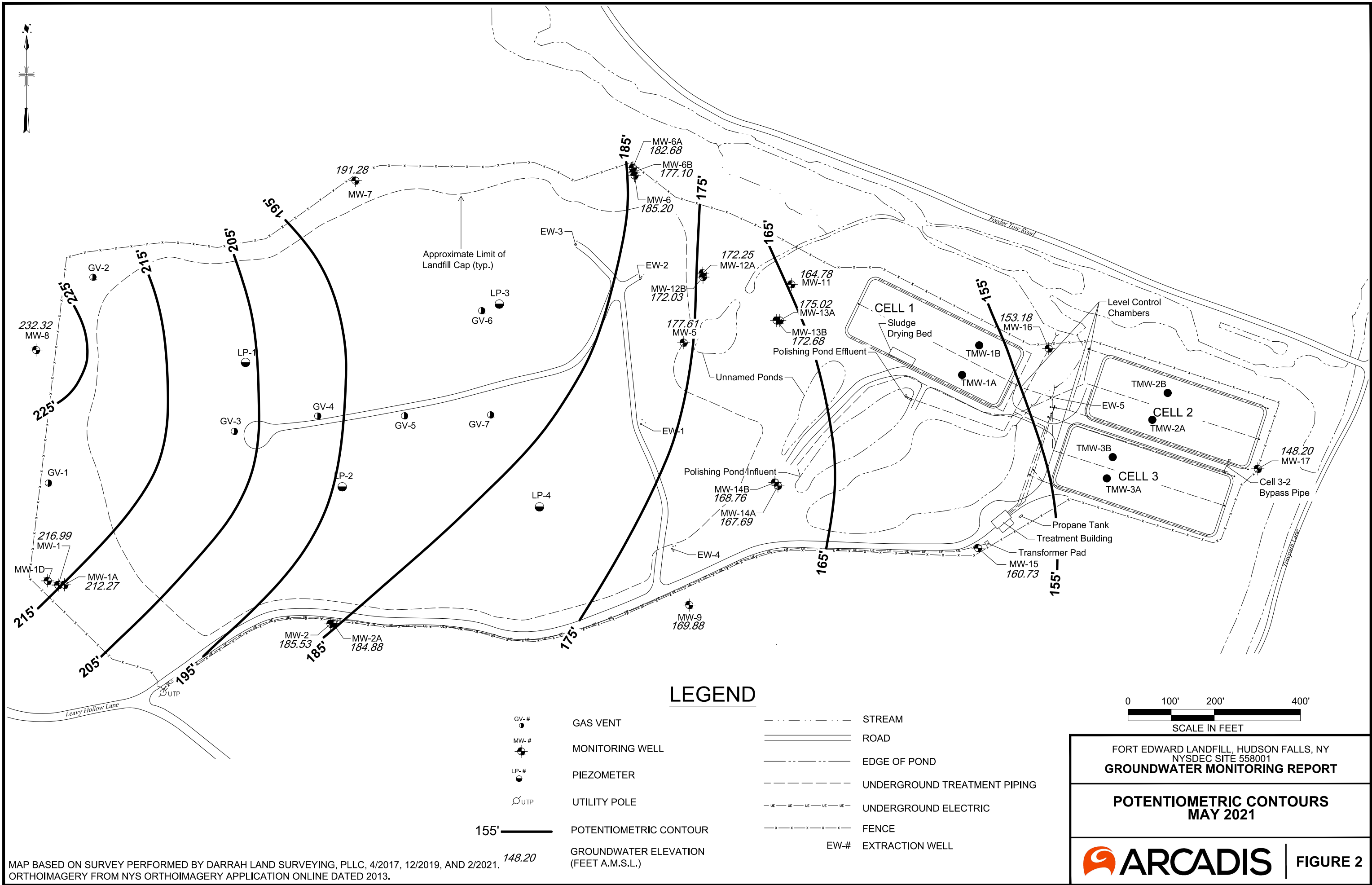
1. USGS QUADRANGLE INFORMATION
QUAD ID: 43073-C5
NAME: HUDSON FALLS, NEW YORK
DATE PUB: 1968

FORT EDWARD LANDFILL, HUDSON FALLS, NY
NYSDEC SITE 558001
GROUNDWATER MONITORING REPORT

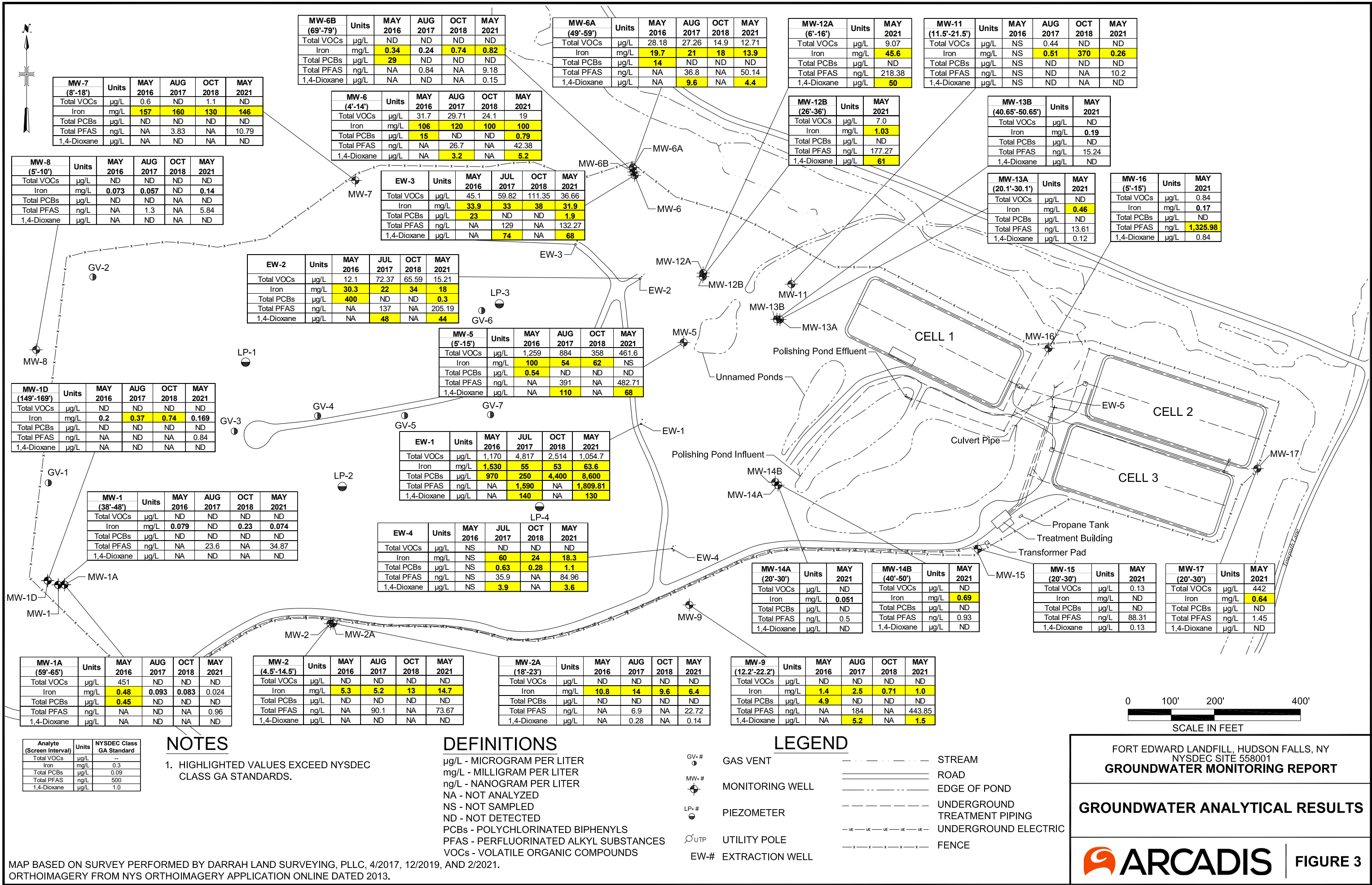
SITE LOCATION MAP



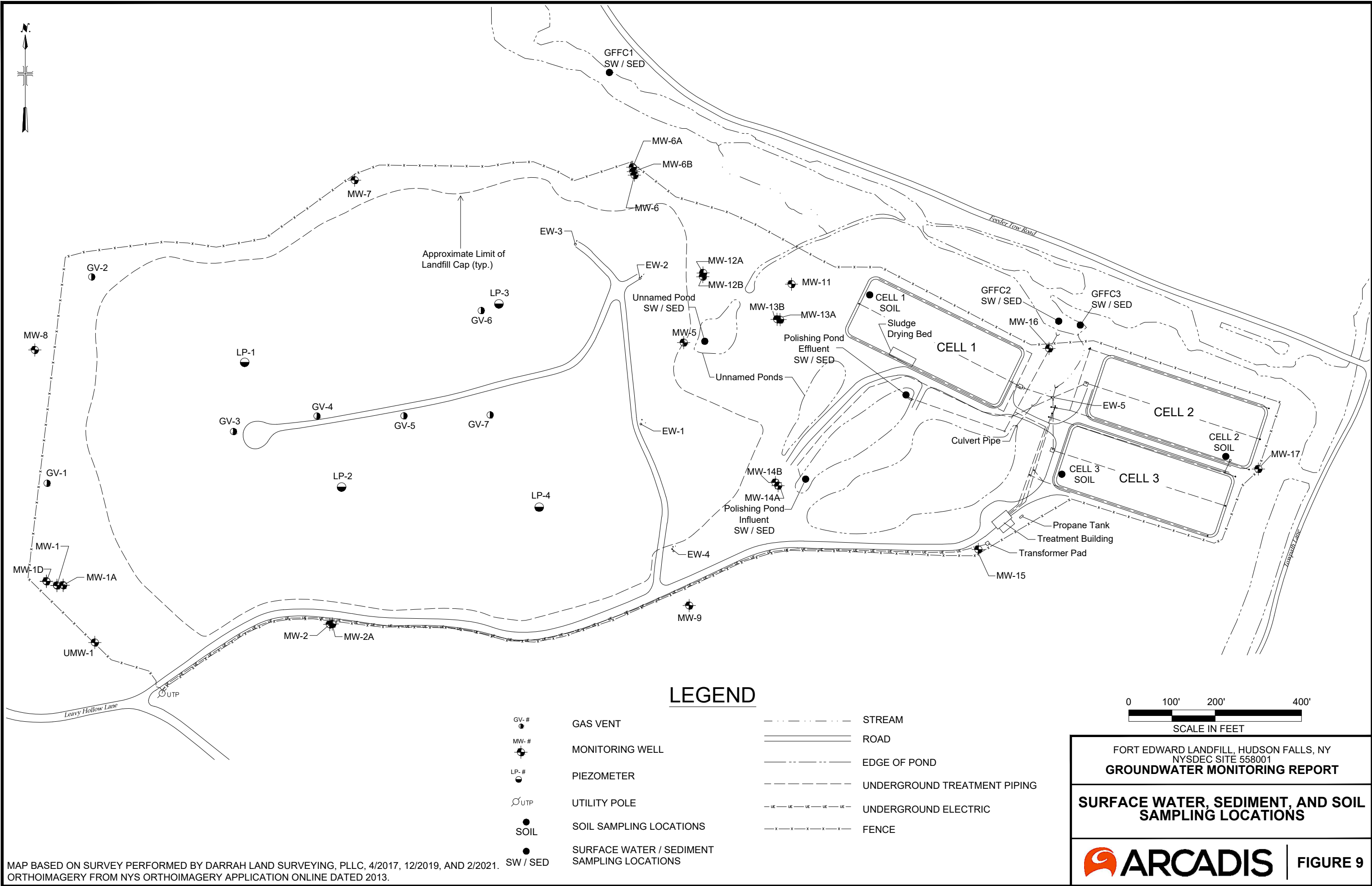
**FIGURE
1**



MAP BASED ON SURVEY PERFORMED BY DARRAH LAND SURVEYING, PLLC, 4/2017, 12/2019, AND 2/2021. ORTHOIMAGERY FROM NYS ORTHOIMAGERY APPLICATION ONLINE DATED 2013.



USER: J\MULLINS FILENAME: G:\ACAD\PROJ\00266434.0000\ANNUAL GW REPORT\2021\FIG9--SAMPLING LOCATIONS 2021.DWG SAVE DATE: 8/11/2021 2:31 PM PLOT DATE: 8/11/2021 2:32



APPENDIX A

Groundwater Sampling Purge Logs



Groundwater Sampling Log

Project Name	Fort Edward Landfill		Well ID	EW-1		Date	5/18/2021	
Project No.	30055713					Weather	Cloudy @ 73°F	
Measuring Pt. Description	Top of rim	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	6"	Well Material: PVC	X	
						SS		
Total Depth (ft-bmp)	42.80	Static Water Level (ft-bmp)	27.35	Water Column in Well (ft.)	15.45	Gallons in Well	22.71	
MP Elevation	--	Pump Intake (ft-bmp)	--	Volumes Purged	--	Gallons Purged	0.50	
Sample Method	Grab	Pump On/Off	1105/1128	Sample Time	Label 1107 Start 1105 End 1128	Purge Method	Centrifugal	
						Submersible		
Replicate/Code No.	--	Sampled By	JM/NK			Disp. Bailer	X	
						Other		

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1107	0	N/A	27.35	0.5	6.96	2.14	27.4	19.42	16.45	-102	Tan	Oil odor

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	500 mL Plastic	1	--
PCBs 8082A	250 mL Amber	2	--

Well Information			
Well Location:	On eastern edge of landfill	Well Locked at Arrival:	Yes
Condition of Well:	Good	Well Locked at Departure:	Yes
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	N/A

NOTES: PFAS spilt samples collected for NYSDOH.
0.24 gpm extracted from EW-1 daily.

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log

Project Name	Fort Edward Landfill		Well ID	EW-2		Date	5/18/2021	
Project No.	30055713					Weather	Cloudy @ 75°F	
Measuring Pt. Description	Top of rim	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	6"	Well Material: PVC	X	
						SS		
Total Depth (ft-bmp)	45.40	Static Water Level (ft-bmp)	28.11	Water Column in Well (ft.)	17.29	Gallons in Well	25.42	
MP Elevation	--	Pump Intake (ft-bmp)	--	Volumes Purged	--	Gallons Purged	0.50	
Sample Method	Grab	Pump On/Off	1031/1050	Sample Time	Label 1033 Start 1031 End 1050	Purge Method		
Replicate/Code No.	--	Sampled By	JM/NK			Centrifugal		
						Submersible		
						Disp. Bailer	X	
						Other		

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1033	0	N/A	28.11	0.5	6.57	1.24	51.3	11.12	16.79	-37	Tan	Strong

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	500 mL Plastic	1	--
PCBs 8082A	250 mL Amber	2	--

Well Information

Well Location:	On eastern edge of landfill	Well Locked at Arrival:	No
Condition of Well:	Good	Well Locked at Departure:	No
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	N/A

NOTES: PFAS split samples collected for NYSDOH.

0.11 gpm extracted from EW-2 daily.

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log

Project Name	Fort Edward Landfill		Well ID	EW-3		Date	5/18/2021	
Project No.	30055713					Weather	Cloudy @ 75°F	
Measuring Pt. Description	Top of rim	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	6"	Well Material: PVC	X	
						SS		
Total Depth (ft-bmp)	54.70	Static Water Level (ft-bmp)	32.19	Water Column in Well (ft.)	22.51	Gallons in Well	33.09	
MP Elevation	--	Pump Intake (ft-bmp)	--	Volumes Purged	--	Gallons Purged	0.50	
Sample Method	Grab	Pump On/Off	1000/1029	Sample Time	Label 1003 Start 1000 End 1029	Purge Method	--	
Replicate/Code No.	--	Sampled By	JM/NK			Centrifugal		
						Submersible		
						Disp. Bailer	X	
						Other		

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1003	0	N/A	32.19	0.5	6.2	0.987	7.63	11.1	15.45	-33	Tan	Oil Odor

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	500 mL Plastic	1	--
PCBs 8082A	250 mL Amber	2	--

Well Information			
Well Location:	On eastern edge of landfill	Well Locked at Arrival:	No
Condition of Well:	Good	Well Locked at Departure:	No
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	N/A

NOTES: PFAS split samples collected for NYSDOH.
0.26 gpm extracted from EW-3 daily.

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log

Project Name	Fort Edward Landfill		Well ID	EW-4		Date	5/18/2021	
Project No.	30055713					Weather	Cloudy @ 73°F	
Measuring Pt. Description	Top of rim	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	48" Sump	Well Material: PVC	X	
						SS		
Total Depth (ft-bmp)	35.20	Static Water Level (ft-bmp)	23.81	Water Column in Well (ft.)	6.39	Gallons in Well	Active Pump in Well	
MP Elevation	--	Pump Intake (ft-bmp)	--	Volumes Purged	--	Gallons Purged	0.50	
Sample Method	Grab	Pump On/Off	1133/1152	Sample Time	Label 1135 Start 1133 End 1152	Purge Method	--	
Replicate/Code No.	--	Sampled By	JM/NK			Centrifugal		
						Submersible		
						Disp. Bailer	X	
						Other		

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1135	0	N/A	23.81	0.5	7.16	0.935	55.8	12.24	16.08	-112	Tan	Slight

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	500 mL Plastic	1	--
PCBs 8082A	250 mL Amber	2	--

Well Information			
Well Location:	Southeast edge of landfill	Well Locked at Arrival:	No
Condition of Well:	Good	Well Locked at Departure:	No
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	N/A

NOTES: PFAS split samples collected for NYSDOH.
18 gpm extracted from EW-4 daily.

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log

Project Name	Fort Edward Landfill		Well ID	INFLUENT		Date	5/18/2021	
Project No.	30055713					Weather	Cloudy @ 75°F	
Measuring Pt. Description	--	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	--	Well Material: PVC	X	
						SS		
Total Depth (ft-bmp)	--	Static Water Level (ft-bmp)	--	Water Column in Well (ft.)	--	Gallons in Well	--	
MP Elevation	--	Pump Intake (ft-bmp)	--	Volumes Purged	--	Gallons Purged	5.00	
Sample Method	Sample Port	Pump On/Off	0930/0953	Sample Time	Label 0935 Start 0933 End 0953	Purge Method	Grab	
Replicate/Code No.	--	Sampled By	JM/NK			Centrifugal		
						Submersible		
						Disp. Bailer		
						Other		

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
0935	0	N/A	N/A	5.0	7.16	0.685	64.85	14.02	14.81	249	Tan	None

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	500 mL Plastic	1	--
TOC 9060A	40 mL VOA Vials	2	HCL
PCBs 8082A	250 mL Amber	2	--

Well Information			
Well Location:	Inside treatment building	Well Locked at Arrival:	N/A
Condition of Well:	Great	Well Locked at Departure:	N/A
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	N/A

NOTES: PFAS split samples collected for NYSDOH.

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log

Project Name	Fort Edward Landfill		Well ID	CCT		Date	5/18/2021		
Project No.	30055713		Weather						Cloudy @ 75°F
Measuring Pt. Description	--	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	--	Well Material: PVC	--		
						SS	--		
Total Depth (ft-bmp)	--	Static Water Level (ft-bmp)	--	Water Column in Well (ft.)	--	Gallons in Well	--		
MP Elevation	--	Pump Intake (ft-bmp)	--	Volumes Purged	--	Gallons Purged	10.00		
Sample Method	Sample Port	Pump On/Off	0735/0800	Sample Time	Label	Purge Method	Grab		
					Start		Centrifugal		
					End		Submersible		
Replicate/Code No.	--	Sampled By	JM/JW				Disp. Bailer		
							Other		

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
0744	0	N/A	N/A	10.0	4.78	0.638	31.5	10.6	15.5	301	Clear	None

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	500 mL Plastic	1	--
TOC 9060A	40 mL VOA Vials	2	HCL
PCBs 8082A	250 mL Amber	2	--

Well Information				
Well Location:	Inside treatment building		Well Locked at Arrival:	N/A
Condition of Well:	Great		Well Locked at Departure:	N/A
Well Completion:	Flush Mount / Stick Up		Key Number To Well:	N/A

NOTES:

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log

Project Name	Fort Edward Landfill		Well ID	CELL 3 BYPASS		Date	5/18/2021	
Project No.	30055713					Weather	Sunny @ 73°F	
Measuring Pt. Description	Top of rim	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	--	Well Material: PVC	--	
						SS	--	
Total Depth (ft-bmp)	--	Static Water Level (ft-bmp)	--	Water Column in Well (ft.)	--	Gallons in Well	--	
MP Elevation	--	Pump Intake (ft-bmp)	--	Volumes Purged	--	Gallons Purged	0.50	
Sample Method	Grab	Pump On/Off	1328/1342	Sample Time	Label 1330 Start 1328 End 1342	Purge Method	Centrifugal Submersible Disp. Bailer Other Peri. Pump	
Replicate/Code No.	--	Sampled By	JM/NK					

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1328	0	N/A	N/A	0.5	4.55	0.802	1.02	15.23	18.49	-38	Clear	Slight

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	500 mL Plastic	1	--
PCBs 8082A	250 mL Amber	2	--

Well Information				
Well Location:	Within Cell 3		Well Locked at Arrival:	N/A
Condition of Well:	Good		Well Locked at Departure:	N/A
Well Completion:	Flush Mount / Stick Up		Key Number To Well:	N/A

NOTES: CELL 3 sediment sample collected and analyzed for PFAS, PCBs, Metals w/ Mercury, and VOCs (1310 at 0.5'-1.5' BGS).

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log

Project Name	Fort Edward Landfill		Well ID	CELL 2 EFFLUENT		Date	5/18/2021	
Project No.	30055713					Weather	Sunny @ 73°F	
Measuring Pt. Description	Top of rim	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	--	Well Material: PVC	--	
						SS	--	
Total Depth (ft-bmp)	--	Static Water Level (ft-bmp)	--	Water Column in Well (ft.)	--	Gallons in Well	--	
MP Elevation	--	Pump Intake (ft-bmp)	--	Volumes Purged	--	Gallons Purged	0.25	
Sample Method	Grab	Pump On/Off	1358/1416	Sample Time	Label 1405 Start 1403 End 1416	Purge Method	Centrifugal Submersible Disp. Bailer Other Peri. Pump	
Replicate/Code No.	--	Sampled By	JM/NK					

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1403	0	N/A	N/A	0.25	7.89	1.11	2.88	21.27	12.86	-68	Tan	Slight

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	500 mL Plastic	1	--
PCBs 8082A	250 mL Amber	2	--

Well Information			
Well Location:	East of EW-5	Well Locked at Arrival:	Yes
Condition of Well:	Good	Well Locked at Departure:	Yes
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	N/A

NOTES: CELL 2 sediment sample collected and analyzed for PFAS, PCBs, Metals w/Mercury, and PCBs (1345 at 0.5'-2.0' BGS).

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log

Project Name	Fort Edward Landfill		Well ID	CELL 1 EFFLUENT		Date	5/18/2021	
Project No.	30055713					Weather	Sunny @ 73°F	
Measuring Pt. Description	Top of rim	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	--	Well Material: PVC	--	
						SS	--	
Total Depth (ft-bmp)	--	Static Water Level (ft-bmp)	--	Water Column in Well (ft.)	--	Gallons in Well	--	
MP Elevation	--	Pump Intake (ft-bmp)	--	Volumes Purged	--	Gallons Purged	0.50	
Sample Method	Grab	Pump On/Off	1427/1448	Sample Time	Label 1430 Start 1427 End 1448	Purge Method	Centrifugal Submersible Disp. Bailer X Other	
Replicate/Code No.	--	Sampled By	JM/NK					

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1428	0	N/A	N/A	0.5	7.87	1.36	>1000	14.48	13.78	50	Brown	None

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	500 mL Plastic	1	--
PCBs 8082A	250 mL Amber	2	--

Well Information			
Well Location:	North of Polishing Pond	Well Locked at Arrival:	Yes
Condition of Well:	Good	Well Locked at Departure:	Yes
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	N/A

NOTES: CELL 1 sediment sample collected and analyzed for PFAS, PCBs, Metals w/ Mercury, and VOCs (1450 at 0.5'-1.5' BGS).

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log



Project Name	Fort Edward Landfill		Well ID	Unnamed Pond-SW Unnamed Pond-SED		Date	5/20/2021	
Project No.	30055713					Weather	Sunny @ 70°F	
Measuring Pt. Description	--	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	--	Well Material: PVC	--	
						SS	--	
Total Depth (ft-bmp)	--	Static Water Level (ft-bmp)	--	Water Column in Well (ft.)	--	Gallons in Well	--	
MP Elevation		Pump Intake (ft-bmp)	--	Volumes Purged	--	Gallons Purged	--	
Sample Method	Grab	Pump On/Off	--	Sample Time	Label 1110 (SW) Start 1120 (SED) End 1135	Purge Method	--	
Replicate/Code No.	--	Sampled By	CC/KS			Centrifugal		
						Submersible		
						Disp. Bailer		
						Other		

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1110	0	--	--	0.00	7.61	0.724	9.02	3.08	22.45	111	Clear w/ slight tan	None

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
PCBs 8082A	250 mL Amber	2	--
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid

Well Information			
Well Location:	See map, sampled	Well Locked at Arrival:	NA
Condition of Well:	--	Well Locked at Departure:	NA
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	NA

NOTES: Sediment samples taken at 1120 analyzed for PFAS (4oz plastic) metals (4 oz glass), PCBs (4oz glass), and VOA 8260C (2oz glass).
Reference for depth (0.5-1.0 Ft. BGS).

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log

Project Name	Fort Edward Landfill		Well ID	POLISHING POND INFLUENT		Date	5/18/2021	
Project No.	30055713						Weather	Cloudy @ 73°F
Measuring Pt. Description	--	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	--	Well Material: PVC	--	
						SS	--	
Total Depth (ft-bmp)	--	Static Water Level (ft-bmp)	--	Water Column in Well (ft.)	--	Gallons in Well	--	
MP Elevation	--	Pump Intake (ft-bmp)	--	Volumes Purged	--	Gallons Purged	--	
Sample Method	Grab	Pump On/Off	1540/1604	Sample Time	Label 1545 Start 1543 End 1604	Purge Method	--	
Replicate/Code No.	Dup-SED Dup-SW	Sampled By	JM/NK			Centrifugal		
						Submersible		
						Disp. Bailer		
						Other	Peri. Pump	

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1544	0	N/A	N/A	0.0	8.22	0.786	23.3	13.78	17.43	127	Tan	Slight

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	500 mL Plastic	1	--
PCBs 8082A	250 mL Amber	2	--

Well Information					
Well Location:	~60' east of MW-14 cluster		Well Locked at Arrival:	N/A	
Condition of Well:	Good		Well Locked at Departure:	N/A	
Well Completion:	Flush Mount	/	Stick Up	Key Number To Well:	N/A

NOTES: PPI sediment sample collected and analyzed for PFAS, PCBs, Metals w/Mercury, and VOCs (1615 at 0.8'-1.8' BGS).

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log

Project Name	Fort Edward Landfill		Well ID	POLISHING POND EFFLUENT		Date	5/18/2021	
Project No.	30055713						Weather	Sunny @ 73°F
Measuring Pt. Description	--	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	--	Well Material: PVC -- SS --		
Total Depth (ft-bmp)	--	Static Water Level (ft-bmp)	--	Water Column in Well (ft.)	--	Gallons in Well --		
MP Elevation	--	Pump Intake (ft-bmp)	--	Volumes Purged	--	Gallons Purged 0.25		
Sample Method	Grab	Pump On/Off	1508/1532	Sample Time	Label 1510 Start 1508 End 1532	Purge Method: -- Centrifugal Submersible Disp. Bailer Other Peri. Pump		
Replicate/Code No.	--	Sampled By	JM/NK					

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1508	0	N/A	N/A	0.25	7.96	1.02	8.47	9.05	23.74	72	Clear	None

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	500 mL Plastic	1	--
PCBs 8082A	250 mL Amber	2	--

Well Information

Well Location:	At edge of Polishing Pond dock	Well Locked at Arrival:	N/A
Condition of Well:	Good	Well Locked at Departure:	N/A
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	N/A

NOTES: PPE sediment sample collected and analyzed for PFAS, PCBs, Metals w/Mercury, and VOCs (1530 at 3.5'-5.0' BGS).

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log



Project Name	Fort Edward Landfill		Well ID	GFFC1-SW GFFC1-SED		Date	5/20/2021	
Project No.	30055713					Weather	Sunny @ 70°F	
Measuring Pt. Description	--	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	--	Well Material: PVC	--	
						SS	--	
Total Depth (ft-bmp)	--	Static Water Level (ft-bmp)	--	Water Column in Well (ft.)	--	Gallons in Well	--	
MP Elevation	--	Pump Intake (ft-bmp)	--	Volumes Purged	--	Gallons Purged	--	
Sample Method	Grab	Pump On/Off	--	Sample Time	Label 1210 (SW) Start 1220 (SED) End 1235	Purge Method	--	
Replicate/Code No.	--	Sampled By	CC/KS			Centrifugal		
						Submersible		
						Disp. Bailer		
						Other		

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1210	0	--	--	0.00	7.66	0.138	0.00	12.59	24.12	105	Clear	None

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
PCBs 8082A	250 mL Amber	2	--
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid

Well Information			
Well Location:	See map	Well Locked at Arrival:	NA
Condition of Well:	NA	Well Locked at Departure:	NA
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	NA

NOTES: Sediment samples taken at 1220 analyzed for PFAS (4oz plastic), metals (4 oz glass), PCBs (4oz glass), and VOA 8260C (2oz glass).
Reference for depth (0.5-1.0 Ft. BGS).

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log



Project Name	Fort Edward Landfill		Well ID	GFFC2-SW GFFC2-SED		Date	5/20/2021	
Project No.	30055713					Weather	Sunny @ 70°F	
Measuring Pt. Description	--	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	--	Well Material: PVC	--	
						SS	--	
Total Depth (ft-bmp)	--	Static Water Level (ft-bmp)	--	Water Column in Well (ft.)	--	Gallons in Well	--	
MP Elevation	--	Pump Intake (ft-bmp)	--	Volumes Purged	--	Gallons Purged	--	
Sample Method	Grab	Pump On/Off	--	Sample Time	Label 1330 (SW) Start 1340 (SED) End 1355	Purge Method	--	
Replicate/Code No.	--	Sampled By	CC/KS			Centrifugal		
						Submersible		
						Disp. Bailer		
						Other		

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1330	0	--	--	0.00	7.67	0.124	2.36	5.96	25.81	111	Clear	None

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
PCBs 8082A	250 mL Amber	2	--
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid

Well Information			
Well Location:	See map	Well Locked at Arrival:	NA
Condition of Well:	NA	Well Locked at Departure:	NA
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	NA

NOTES: Sediment samples taken at 1340 analyzed for PFAS (4oz plastic), metals (4 oz glass), PCBs (4oz glass), and VOA 8260C (2oz glass).
Reference for depth (0.5-1.0 Ft. BGS).

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log



Project Name	Fort Edward Landfill		Well ID	GFFC3-SW GFFC3-SED		Date	5/20/2021	
Project No.	30055713					Weather	Sunny @ 70°F	
Measuring Pt. Description	--	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	--	Well Material: PVC	--	
						SS	--	
Total Depth (ft-bmp)	--	Static Water Level (ft-bmp)	--	Water Column in Well (ft.)	--	Gallons in Well	--	
MP Elevation	--	Pump Intake (ft-bmp)	--	Volumes Purged	--	Gallons Purged		
Sample Method	Grab	Pump On/Off	--	Sample Time	Label 1250 (SW) Start 1300 (SED) End 1310	Purge Method	--	
Replicate/Code No.	--	Sampled By	CC/KS			Centrifugal		
						Submersible		
						Disp. Bailer		
						Other		

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1250	0	--	--	0.00	7.66	0.123	2.42	6.24	24.68	91	Clear	None

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
PCBs 8082A	250 mL Amber	2	--
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid

Well Information			
Well Location:	See map	Well Locked at Arrival:	NA
Condition of Well:	NA	Well Locked at Departure:	NA
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	NA

NOTES: Sediment samples taken at 1300 analyzed for PFAS (4oz plastic), metals (4 oz glass), PCBs (4oz glass), and VOA 8260C (2oz glass).
Reference for depth (0.5-1.0 Ft. BGS).

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log



Project Name	Fort Edward Landfill		Well ID	MW-1		Date	5/19/2021	
Project No.	30055713					Weather	Sunny @ 60°F	
Measuring Pt. Description	Top of PVC	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	2"	Well Material: PVC	X	
						SS		
Total Depth (ft-bmp)	48.59	Static Water Level (ft-bmp)	39.95	Water Column in Well (ft.)	8.64	Gallons in Well	2.25	
MP Elevation	--	Pump Intake (ft-bmp)	46.50	Volumes Purged	0.71	Gallons Purged	1.60	
Sample Method	Grab	Pump On/Off	0825/0940	Sample Time	Label 0905 Start 0905 End 0940	Purge Method: Low Flow		
Replicate/Code No.	--	Sampled By	CC			Centrifugal		
						Submersible		
						Disp. Bailer		
						Other	Bladder Pump	

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
0830	5	250	40.01	0.25	6.41	0.647	0.00	6.86	14.04	155	Clear	None
0835	10	250	40.05	0.50	6.44	0.590	0.59	5.98	12.92	111	Clear	None
0840	15	250	40.05	0.75	6.46	0.564	0.32	5.18	13.07	97	Clear	None
0845	20	250	40.05	1.00	6.49	0.559	0.00	5.14	13.76	88	Clear	None
0850	25	250	40.05	1.25	6.53	0.557	0.00	4.82	14.03	89	Clear	None
0855	30	250	40.05	1.40	6.56	0.559	0.00	4.52	14.05	89	Clear	None
0900	35	250	40.05	1.60	6.57	0.558	0.00	4.47	14.25	88	Clear	None

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
VOCs 8260C	40 mL VOA	3	HCL
PCBs 8082A	250 mL Amber	2	--
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	0.5 L Plastic	1	--

Well Information			
Well Location:	See map	Well Locked at Arrival:	Yes
Condition of Well:	Good	Well Locked at Departure:	Yes
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	0344

NOTES:

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log

Project Name	Fort Edward Landfill		Well ID	MW-1A		Date	5/19/2021	
Project No.	30055713					Weather	Sunny @ 70°F	
Measuring Pt. Description	Top of PVC	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	2"	Well Material: PVC	X	
						SS		
Total Depth (ft-bmp)	65.10	Static Water Level (ft-bmp)	41.28	Water Column in Well (ft.)	23.82	Gallons in Well	6.19	
MP Elevation	--	Pump Intake (ft-bmp)	61.00	Volumes Purged	0.4	Gallons Purged	2.50	
Sample Method	Grab	Pump On/Off	1005/1205	Sample Time	Label 1115 Start 1115 End 1205	Purge Method	Low Flow	
						Centrifugal		
						Submersible		
						Disp. Bailer		
						Other	Bladder Pump	
Replicate/Code No.	Dup-MW	Sampled By	CC					

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1010	5	250	41.58	0.20	9.58	0.185	0.0	3.50	13.28	54	Clear	None
1015	10	250	41.82	0.45	9.58	0.184	0.0	2.88	12.81	51	Clear	None
1020	15	250	42.01	0.60	9.57	0.182	0.0	2.23	13.02	47	Clear	None
1025	20	250	42.35	0.75	9.57	0.182	0.0	2.23	13.01	43	Clear	None
1030	25	250	42.67	0.90	9.62	0.183	0.0	2.10	13.23	37	Clear	None
1035	30	250	42.93	1.25	9.68	0.185	0.0	2.00	13.28	31	Clear	None
1040	35	250	43.25	1.50	9.72	0.188	0.0	1.89	13.36	20	Clear	None
1045	40	250	43.60	1.05	9.74	0.188	0.0	1.87	13.94	9.0	Clear	None
1050	45	250	43.98	1.85	9.74	0.190	0.0	1.78	14.25	-13	Clear	None
1055	50	250	44.13	2.00	9.68	0.190	0.0	1.92	13.78	-28	Clear	None
1100	55	250	44.47	2.15	9.65	0.191	0.0	1.14	13.07	-64	Clear	None
1105	60	250	44.81	2.30	9.68	0.191	0.0	1.04	13.01	-66	Clear	None
1110	65	250	45.00	2.50	9.69	0.191	0.0	0.96	13.25	-68	Clear	None

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
VOCs 8260C	40 mL VOA	3	HCL
PCBs 8082A	250 mL Amber	2	--
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	0.5 L Plastic	1	--

Well Information

Well Location:	See map	Well Locked at Arrival:	Yes
Condition of Well:	Good	Well Locked at Departure:	Yes
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	0344

NOTES: Duplicate sample (DUP-MW) collected here.

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log



Project Name	Fort Edward Landfill		Well ID	MW-1D		Date	5/18/2021	
Project No.	30055713					Weather	Sunny @ 75°F	
Measuring Pt. Description	Top of PVC	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	2"	Well Material: PVC	X	
						SS		
Total Depth (ft-bmp)	172.15	Static Water Level (ft-bmp)	43.29	Water Column in Well (ft.)	128.86	Gallons in Well	33.50	
MP Elevation	--	Pump Intake (ft-bmp)	165.00	Volumes Purged	0.037	Gallons Purged	1.25	
Sample Method	Grab	Pump On/Off	1410/1520	Sample Time	Label 1445 Start 1450 End 1520	Purge Method	Low Flow	
Replicate/Code No.	--	Sampled By	CC			Centrifugal		
						Submersible		
						Disp. Bailer		
						Other	Bladder	

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1415	5	200	43.47	~0.15	7.61	0.319	0.0	5.07	21.22	-111	Clear	None
1420	10	200	43.95	~0.3	7.66	0.330	1.09	7.43	16.90	-114	Clear	None
1425	15	200	44.12	~0.5	7.67	0.329	0.64	7.85	17.30	-106	Clear	Sulfur
1430	20	200	44.33	~0.65	7.68	0.331	0.42	8.26	17.32	-101	Clear	Sulfur
1435	25	200	44.91	~0.80	7.70	0.332	0.53	8.43	16.54	-100	Clear	Sulfur
1440	30	150	44.91	~1.0	7.70	0.331	0.81	8.46	16.40	-99	Clear	Sulfur
1445	35	150	45.13	1.25	7.69	0.331	0.75	8.00	16.43	-99	Clear	Sulfur

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
VOCs 8260C	40 mL VOA	3	HCL
PCBs 8082A	250 mL Amber	2	--
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	0.5 L Plastic	1	--

Well Information			
Well Location:	See map	Well Locked at Arrival:	Yes
Condition of Well:	Broken well cap	Well Locked at Departure:	Yes
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	0344

NOTES:

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log



Project Name	Fort Edward Landfill		Well ID	MW-2		Date	5/19/2021	
Project No.	30055713					Weather	Sunny @ 70°F	
Measuring Pt. Description	Top of PVC	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	2"	Well Material: PVC	X	
						SS		
Total Depth (ft-bmp)	18.23	Static Water Level (ft-bmp)	8.33	Water Column in Well (ft.)	9.90	Gallons in Well	1.61	
MP Elevation	--	Pump Intake (ft-bmp)	16.00	Volumes Purged	--	Gallons Purged	1.80	
Sample Method	Low Flow	Pump On/Off	1120/1300	Sample Time	Label 1210 Start 1210 End 1300	Purge Method	Low Flow	
Replicate/Code No.	--	Sampled By	K. Stilson			Centrifugal		
						Submersible		
						Disp. Bailer		
						Other	Peri. Pump	

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1125	5	150	8.90	0.20	6.65	1.040	33.40	7.52	12.31	-65	Clear	None
1130	10	150	8.90	0.40	6.67	1.020	34.00	1.35	12.55	-71	Clear	None
1135	15	150	8.90	0.60	6.67	1.010	44.40	1.10	12.35	-72	Clear	None
1140	20	150	8.90	0.80	6.67	1.000	29.10	1.01	12.67	-73	Clear	None
1145	25	150	8.90	1.00	6.68	0.984	25.30	1.00	12.76	-73	Clear	None
1150	30	150	8.90	1.20	6.67	0.975	20.30	0.98	12.78	-73	Clear	None
1155	35	150	8.91	1.40	6.67	0.959	17.10	0.97	13.07	-73	Clear	None
1200	40	150	8.91	1.60	6.67	0.960	16.80	0.97	12.89	-73	Clear	None
1205	45	150	8.91	1.80	6.67	0.947	16.50	0.98	12.99	-73	Clear	None

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4 -Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
PCBs 8082A	250 mL Amber	2	--
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	500 mL Plastic	1	--

Well Information			
Well Location:	See map	Well Locked at Arrival:	N/A
Condition of Well:	Good	Well Locked at Departure:	N/A
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	N/A

NOTES:

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log



Project Name	Fort Edward Landfill		Well ID	MW-2A		Date	5/19/2021	
Project No.	30055713					Weather	Sunny @ 70°F	
Measuring Pt. Description	Top of PVC	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	2"	Well Material:	PVC ☒	SS ☐
Total Depth (ft-bmp)	26.80	Static Water Level (ft-bmp)	9.05	Water Column in Well (ft.)	17.75	Gallons in Well	2.89	
MP Elevation	--	Pump Intake (ft-bmp)	24.00	Volumes Purged	--	Gallons Purged	2.40	
Sample Method	Low Flow	Pump On/Off	0930/1120	Sample Time	Label 1035 Start 1035 End 1120	Purge Method:	Low Flow Centrifugal Submersible Disp. Bailer Other Peri. Pump	
Replicate/Code No.	--	Sampled By	K. Stilson					

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
0935	5	150	9.90	0.20	6.43	0.648	51.30	2.37	13.76	108	Clear	None
0940	10	150	10.22	0.40	6.57	0.628	32.40	1.46	11.88	82	Clear	None
0945	15	150	10.68	0.60	6.57	0.571	24.40	0.72	11.35	56	Clear	None
0950	20	150	10.82	8.00	6.59	0.562	18.80	0.64	11.59	34	Clear	None
0955	25	150	10.90	1.00	0.60	0.561	14.20	0.64	11.71	15	Clear	None
1000	30	150	10.95	1.20	6.61	0.561	14.80	0.64	11.60	-4	Clear	None
1005	35	150	10.97	1.40	6.64	0.561	8.57	0.61	11.69	-25	Clear	None
1010	40	150	10.94	1.60	6.64	0.559	8.56	0.60	11.80	-27	Clear	None
1015	45	150	10.99	1.80	6.68	0.564	6.08	0.60	12.01	-44	Clear	None
1020	50	150	10.99	2.00	6.67	0.562	5.79	0.59	12.10	-48	Clear	None
1025	55	150	10.99	2.20	6.68	0.562	5.99	0.59	12.08	-50	Clear	None
1030	60	150	11.00	2.40	6.67	0.562	5.43	0.58	12.07	-51	Clear	None

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
PCBs 8082A	250 mL Amber	2	--
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	500 mL Plastic	1	--

Well Information			
Well Location:	See map	Well Locked at Arrival:	Yes
Condition of Well:	Good	Well Locked at Departure:	Yes
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	0344

NOTES: Wasp spray used at well casing.

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log



Project Name	Fort Edward Landfill		Well ID	MW-5		Date	5/19/2021	
Project No.	30055713					Weather	Sunny @ 65°F	
Measuring Pt. Description	Top of PVC	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	2"	Well Material: PVC	X	
						SS		
Total Depth (ft-bmp)	10.33	Static Water Level (ft-bmp)	5.82	Water Column in Well (ft.)	4.51	Gallons in Well	0.73	
MP Elevation	--	Pump Intake (ft-bmp)	8.00	Volumes Purged	--	Gallons Purged	0.50	
Sample Method	Low Flow	Pump On/Off	0840/853	Sample Time	Label 0940 Start 0940 End 0950	Purge Method	Low Flow	
Replicate/Code No.	--	Sampled By	K. Stilson			Centrifugal		
						Submersible		
						Disp. Bailer		
						Other	Peri. Pump	

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
5/19 0845	5	150	6.65	0.20	8.65	2.04	22.000	2.44	15.44	-61	Clear	None
5/19 0850	10	150	8.45	0.40	7.77	2.88	232.00	2.38	15.01	-69	Clear	None
5/19 0853	13	150	DRY	0.50	--	--	--	--	--	--	--	--
5/20-0900	--	--	5.79	--	--	--	--	--	--	--	--	--

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber (50% full)	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
PCBs 8082A	250 mL Amber	2	--

Well Information			
Well Location:	See map	Well Locked at Arrival:	No
Condition of Well:	Good	Well Locked at Departure:	No
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	0344

NOTES: Wasp spray used at well casing.

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log



Project Name	Fort Edward Landfill		Well ID	MW-6/MW-6C		Date	5/18/2021	
Project No.	30055713					Weather	Cloudy @ 70°F	
Measuring Pt. Description	Top of PVC	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	2"	Well Material:	PVC ☒	SS ☐
Total Depth (ft-bmp)	17.91	Static Water Level (ft-bmp)	7.78	Water Column in Well (ft.)	10.13	Gallons in Well	2.63	
MP Elevation	--	Pump Intake (ft-bmp)	15.00	Volumes Purged	1.98	Gallons Purged	1.98	
Sample Method	Low Flow	Pump On/Off	955/1200	Sample Time	Label 1030 Start 1200 End 1200	Purge Method	Low Flow	
Replicate/Code No.	--	Sampled By	K. Stilson			Centrifugal	☐	
						Submersible	☐	
						Disp. Bailer	☐	
						Other	Peri. Pump ☐	

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1000	5	250	7.79	0.33	6.22	0.778	14.40	1.09	13.00	-60	Clear	None
1005	10	250	7.80	0.66	6.22	0.776	19.90	0.99	12.77	-63	Clear	None
1010	15	250	7.81	0.99	6.19	0.792	8.56	1.01	11.29	-65	Clear	None
1015	20	250	7.82	1.32	6.17	0.795	8.42	0.93	11.17	-65	Clear	None
1020	25	250	7.82	1.65	6.16	0.794	8.30	0.89	11.16	-66	Clear	None
1025	30	250	7.83	1.98	6.14	0.794	8.00	0.87	11.16	-67	Clear	None

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
PCBs 8082A	250 mL Amber	2	--
TAL Metals w/ Hg 6010B/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	500 mL Plastic	1	--

Well Information			
Well Location:	See map	Well Locked at Arrival:	Yes
Condition of Well:	Good	Well Locked at Departure:	Yes
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	0344

NOTES:

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log



Project Name	Fort Edward Landfill		Well ID	MW-6A		Date	5/18/2021	
Project No.	30055713					Weather	Sunny @ 65°F	
Measuring Pt. Description	Top of PVC	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	2"	Well Material: PVC	X	
						SS		
Total Depth (ft-bmp)	61.33	Static Water Level (ft-bmp)	10.12	Water Column in Well (ft.)	51.21	Gallons in Well	13.31	
MP Elevation	--	Pump Intake (ft-bmp)	56.00	Volumes Purged	0.26	Gallons Purged	3.50	
Sample Method	Grab	Pump On/Off	0925/1105	Sample Time	Label 1035 Start 1035 End 1105	Purge Method	Low Flow	
Replicate/Code No.	--	Sampled By	CC			Centrifugal		
						Submersible		
						Disp. Bailer		
						Other	Bladder	

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
930	5	250	10.21	0.25	7.29	0.859	0.00	10.72	13.01	101	Clear	None
935	10	250	10.21	0.50	7.27	0.867	6.35	10.51	13.16	142	Clear	None
940	15	250	10.21	0.75	7.24	0.876	6.06	11.69	13.31	139	Clear	None
945	20	250	10.21	1.25	7.18	0.878	5.37	10.71	13.07	137	Clear	None
950	25	250	10.21	1.50	7.14	0.881	5.50	10.86	13.54	132	Clear	None
955	30	250	10.21	1.75	7.08	0.881	5.92	10.97	13.15	82	Clear	None
1000	35	250	10.21	2.00	7.06	0.894	7.01	11.62	13.29	71	Clear	None
1005	40	250	10.21	2.25	6.99	0.892	5.48	10.40	13.34	6.0	Clear	None
1010	45	250	10.21	2.50	6.75	0.892	4.36	9.19	13.15	-43	Clear	None
1015	50	250	10.21	2.75	6.45	0.893	2.52	8.54	13.26	-61	Clear	None
1020	55	250	10.21	3.00	6.33	0.906	1.68	8.43	13.40	-62	Clear	None
1025	60	250	10.21	3.25	6.29	0.916	1.39	7.97	13.50	-62	Clear	None
1030	65	250	10.21	3.50	6.26	0.920	1.76	7.47	13.67	-61	Clear	None

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
PCBs 8082A	250 mL Amber	2	--
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	0.5 L Plastic	1	--

Well Information

Well Location:	Along fence, see map	Well Locked at Arrival:	Yes
Condition of Well:	Good	Well Locked at Departure:	Yes
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	0344

NOTES:

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log



Project Name	Fort Edward Landfill		Well ID	MW-6B		Date	5/18/2021	
Project No.	30055713					Weather	Sunny @ 70°F	
Measuring Pt. Description	Top of PVC	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	2"	Well Material: PVC	X	
						SS		
Total Depth (ft-bmp)	81.62	Static Water Level (ft-bmp)	15.45	Water Column in Well (ft.)	66.17	Gallons in Well	17.20	
MP Elevation	--	Pump Intake (ft-bmp)	75.50	Volumes Purged	--	Gallons Purged	2.00	
Sample Method	Grab	Pump On/Off	1145/1255	Sample Time	Label 1225 Start 1225 End 1255	Purge Method	Low Flow	
Replicate/Code No.	N/A	Sampled By	CC			Centrifugal		
						Submersible		
						Disp. Bailer		
						Other	Bladder	

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1150	5	250	17.85	0.25	7.35	0.233	0.00	4.05	14.75	35	Clear	None
1155	10	250	18.67	0.50	7.32	0.234	2.12	3.55	14.13	31	Clear	None
1200	15	250	21.13	0.85	7.30	0.234	2.73	3.35	14.05	31	Clear	None
1205	20	250	23.65	1.25	7.28	0.235	4.19	5.80	13.91	31	Clear	None
1210	25	250	25.32	1.50	7.25	0.241	7.25	5.49	13.75	32	Clear	None
1215	30	250	26.65	1.75	7.23	0.243	7.28	5.18	14.06	35	Clear	None
1220	35	250	28.09	2.00	7.22	0.241	7.05	4.97	13.98	37	Clear	None

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
PCBs 8082A	250 mL Amber	2	--
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	0.5 L Plastic	1	--

Well Information			
Well Location:	Along fence, see map	Well Locked at Arrival:	Yes
Condition of Well:	Good	Well Locked at Departure:	Yes
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	0344

NOTES:

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log



Project Name	Fort Edward Landfill		Well ID	MW-7		Date	5/18/2021	
Project No.	30055713					Weather	Cloudy @ 70°F	
Measuring Pt. Description	Top of PVC	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	2"	Well Material: PVC	X	
						SS		
Total Depth (ft-bmp)	27.64	Static Water Level (ft-bmp)	19.19	Water Column in Well (ft.)	8.45	Gallons in Well	1.37	
MP Elevation	--	Pump Intake (ft-bmp)	25.00	Volumes Purged	--	Gallons Purged	3.00	
Sample Method	Low Flow	Pump On/Off	1350/1600	Sample Time	Label 1445 Start 1600 End 1600	Purge Method	Low Flow	
Replicate/Code No.	--	Sampled By	K. Stilson			Centrifugal		
						Submersible		
						Disp. Bailer		
						Other	Peri Pump	

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1355	5	200	19.28	0.30	6.27	0.634	5.91	14.88	18.72	-57	Clear	None
1400	10	200	19.30	0.60	6.25	0.659	2.44	1.35	17.52	-62	Clear	None
1405	15	200	19.30	0.90	6.23	0.659	1.11	1.24	15.77	-63	Clear	None
1410	20	200	19.30	1.20	6.16	0.667	0.97	0.97	15.34	-63	Clear	None
1415	25	200	19.30	1.50	6.13	0.669	0.07	0.83	15.30	-63	Clear	None
1420	30	200	19.30	1.80	6.03	0.668	0.00	0.72	14.98	-59	Clear	None
1425	35	200	19.30	2.10	6.05	0.672	0.00	0.69	14.91	-61	Clear	None
1430	40	200	19.30	2.40	6.05	0.670	0.00	0.68	15.17	-63	Clear	None
1435	45	200	19.30	2.70	6.06	0.672	0.00	0.65	15.30	-64	Clear	None
1440	50	200	19.30	3.00	6.05	0.669	0.00	0.64	15.30	-64	Clear	None

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
PCBs 8082A	250 mL Amber	2	--
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	500 mL Plastic	1	--

Well Information			
Well Location:	See map	Well Locked at Arrival:	No
Condition of Well:	Good	Well Locked at Departure:	No
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	N/A

NOTES:

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log



Project Name	Fort Edward Landfill		Well ID	MW-8		Date	5/17/2021	
Project No.	30055713					Weather	Sunny @ 65°F	
Measuring Pt. Description	Top of PVC	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	2"	Well Material:	PVC ☒	SS ☐
Total Depth (ft-bmp)	12.39	Static Water Level (ft-bmp)	7.77	Water Column in Well (ft.)	4.62	Gallons in Well	0.75	
MP Elevation	--	Pump Intake (ft-bmp)	10.00	Volumes Purged	--	Gallons Purged	1.98	
Sample Method	Low Flow	Pump On/Off	0925/1045	Sample Time	Label 1000 Start 1000 End 1045	Purge Method	Low Flow	
Replicate/Code No.	Split sample see notes	Sampled By	K. Stilson			Centrifugal	☐	
						Submersible	☐	
						Disp. Bailer	☐	
						Other	Peri Pump ☐	

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
0930	5	250	8.13	0.33	7.21	0.423	0.0	14.97	11.33	154	Clear	None
0935	10	250	8.28	0.66	7.24	0.416	0.0	3.86	11.27	150	Clear	None
0940	15	250	8.46	0.99	7.31	0.412	0.0	2.50	11.21	143	Clear	None
0945	20	250	8.61	1.32	7.32	0.416	0.0	2.41	11.17	140	Clear	None
0950	25	250	8.78	1.65	7.33	0.418	0.0	2.36	10.93	140	Clear	None
0955	30	250	8.87	1.98	7.33	0.417	0.0	2.32	11.01	140	Clear	None

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified/Split w/ MSMSD Dup	250 mL Plastic	6	--
1,4-Dioxane 8270D S/M	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
PCB 8082A	250 mL Amber	2	--
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	500 mL Plastic	1	--

Well Information			
Well Location:	Along fence adjacent to Leavy Hollow Rd	Well Locked at Arrival:	Yes
Condition of Well:	Good	Well Locked at Departure:	Yes
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	0344

NOTES: Lock replaced. Hard bottom. PFAS split samples collected for NYSDOH.

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log



Project Name	Fort Edward Landfill		Well ID	MW-9		Date	5/17/2021	
Project No.	30055713					Weather	Sunny @ 60°F	
Measuring Pt. Description	Top of PVC	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	2"	Well Material: PVC	X	
						SS		
Total Depth (ft-bmp)	22.18	Static Water Level (ft-bmp)	4.61	Water Column in Well (ft.)	17.57	Gallons in Well	4.57	
MP Elevation	--	Pump Intake (ft-bmp)	20.00	Volumes Purged	0.54	Gallons Purged	2.50	
Sample Method	Grab	Pump On/Off	0910/1050	Sample Time	Label 0955 Start 0955 End 1045	Purge Method	Low Flow	
Replicate/Code No.	PFAS split	Sampled By	CC			Centrifugal		
						Submersible		
						Disp. Bailer		
						Other	Peri. Pump	

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
0915	5	225	5.85	0.25	6.96	1.65	0.00	2.41	10.81	-76	Clear	Slight Sulfur
0920	10	225	7.26	0.50	6.94	1.67	0.00	2.06	9.55	-83	Clear	Slight Sulfur
0925	15	200	8.18	0.90	6.93	1.68	0.00	1.90	9.43	-86	Clear	Slight Sulfur
0930	20	200	8.35	1.25	6.92	1.65	0.50	1.81	9.33	-85	Clear	Slight Sulfur
0935	25	200	8.73	1.50	6.92	1.38	0.00	1.80	9.12	-72	Clear	Slight Sulfur
0940	30	200	9.04	1.75	6.93	1.33	0.00	1.90	9.12	-67	Clear	Slight Sulfur
0945	35	200	9.41	2.00	6.93	1.33	0.00	1.99	9.14	-67	Clear	Slight Sulfur
0950	40	200	9.07	2.25	6.94	1.35	1.20	2.01	9.19	-67	Clear	Slight Sulfur
0955	45	200	9.89	2.50	6.93	1.36	2.10	1.99	9.25	-68	Clear	Slight Sulfur

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2+2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
PCBs 8082A	250 mL Amber	2	--
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	0.5 L Plastic	1	--

Well Information			
Well Location:	Across from double gate, see map	Well Locked at Arrival:	Yes
Condition of Well:	Good	Well Locked at Departure:	Yes
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	0344

NOTES: PFAS split samples collected for NYSDOH.

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log



Project Name	Fort Edward Landfill		Well ID	MW-11		Date	5/17/2021	
Project No.	30055713					Weather	Sunny @ 70°F	
Measuring Pt. Description	Top of PVC	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	2"	Well Material: PVC	X	
						SS		
Total Depth (ft-bmp)	21.56	Static Water Level (ft-bmp)	17.58	Water Column in Well (ft.)	3.98	Gallons in Well	1.03	
MP Elevation	--	Pump Intake (ft-bmp)	21.50	Volumes Purged	2.00	Gallons Purged	2.00	
Sample Method	Grab	Pump On/Off	1135/1235	Sample Time	Label 0840 Start 0840 End 0905	Purge Method	Low Flow	
Replicate/Code No.	--	Sampled By	CC			Centrifugal		
						Submersible		
						Disp. Bailer		
						Other	Peri. Pump	

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
5/17 1140	5	150	17.89	--	7.03	0.317	59.80	2.81	14.98	61	Clear	None
5/17 1145	10	150	18.04	0.50	6.79	0.324	72.50	2.73	13.01	84	Clear	None
5/17 1150	15	150	18.50	--	6.73	0.324	50.10	3.74	12.58	104	Slight orange	None
5/17 1155	20	100	18.81	0.80	6.71	0.336	30.90	3.52	12.20	110	Orange	None
5/17 1200	25	100	18.86	1.00	6.64	0.340	21.70	3.51	12.15	112	Orange	None
5/17 1205	30	100	19.15	--	6.79	0.394	25.20	2.27	12.35	115	Orange	None
5/17 1210	35	100	19.39	1.25	6.78	0.410	27.80	2.30	12.15	111	Orange	None
5/17 1215	40	100	19.69	--	6.79	0.442	27.00	2.39	12.37	110	Orange	None
5/17 1220	45	100	19.95	1.75	6.81	0.430	39.80	2.83	12.18	16	Orange	None
5/17 1225	50	100	20.35	--	6.8	0.428	25.30	3.00	11.98	40	Orange	None
5/17 1230	55	100	21.02	2.00	6.8	0.433	20.70	3.02	12.07	45	Orange	None
5/17 1235	--	--	DRY	--	--	--	--	--	--	--	--	--
5/20 0840	--	--	19.73	--	--	--	--	--	--	--	--	--

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2+2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
PCBs 8082A	250 mL Amber	2	--
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid

Well Information			
Well Location:	NW of cell 1 in woods	Well Locked at Arrival:	No
Condition of Well:	Good	Well Locked at Departure:	No
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	0344

NOTES: Purging stopped at 1230 as well went dry. Sample collected on 5/20/2021.

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log



Project Name	Fort Edward Landfill		Well ID	MW-12A		Date	5/17/2021	
Project No.	30055713					Weather	Sunny @ 70°F	
Measuring Pt. Description	Top of PVC	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	2"	Well Material:	PVC ☒	SS ☐
Total Depth (ft-bmp)	18.55	Static Water Level (ft-bmp)	3.30	Water Column in Well (ft.)	15.25	Gallons in Well	2.48	
MP Elevation	--	Pump Intake (ft-bmp)	16.00	Volumes Purged	--	Gallons Purged	2.00	
Sample Method	Low Flow	Pump On/Off	1140/1300	Sample Time	Label 1225 Start 1225 End 1300	Purge Method:	Low Flow Centrifugal Submersible Disp. Bailer Other Peri Pump	
Replicate/Code No.	Split sample see notes	Sampled By	K. Stilson					

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1145	5	200	3.46	0.25	6.80	1.48	2.1	1.45	13.84	-119	Clear	None
1150	10	200	3.51	0.50	6.80	1.47	13.0	1.30	13.47	-122	Clear	None
1155	15	200	3.51	0.75	6.78	1.45	6.8	0.96	12.83	-128	Clear	None
1200	20	200	3.51	1.00	6.75	1.46	3.5	0.78	12.56	-130	Clear	None
1205	25	200	3.51	1.25	6.72	1.46	2.3	0.69	12.57	-132	Clear	None
1210	30	200	3.51	1.50	6.70	1.46	1.3	0.64	12.65	-134	Clear	None
1215	35	200	3.51	1.75	6.70	1.46	1.3	0.63	12.68	-134	Clear	None
1220	40	200	3.51	2.00	6.69	1.45	1.2	0.62	12.71	-135	Clear	None

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified/Split + Dup	250 mL Plastic	4	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
PCBs 8082A	250 mL Amber	2	--
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	500 mL Plastic	1	--

Well Information			
Well Location:	See map	Well Locked at Arrival:	Yes
Condition of Well:	Good	Well Locked at Departure:	Yes
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	0344

NOTES: Hard Bottom
 PFAS split samples collected for NYSDOH.

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log



Project Name	Fort Edward Landfill		Well ID	MW-12B		Date	5/17/2021	
Project No.	30055713					Weather	Sunny @ 70°F	
Measuring Pt. Description	Top of PVC	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	2"	Well Material: PVC	X	
						SS		
Total Depth (ft-bmp)	38.49	Static Water Level (ft-bmp)	3.73	Water Column in Well (ft.)	34.76	Gallons in Well	5.66	
MP Elevation	--	Pump Intake (ft-bmp)	36.00	Volumes Purged	--	Gallons Purged	1.54	
Sample Method	Low Flow	Pump On/Off	1305/1400	Sample Time	Label 1345 Start 1345 End 1425	Purge Method: Low Flow		
Replicate/Code No.	--	Sampled By	K. Stilson			Centrifugal		
						Submersible		
						Disp. Bailer		
						Other	Peri Pump	

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1310	5	150	5.25	0.22	7.38	1.11	9.57	2.20	19.84	-140	Clear	None
1315	10	150	5.89	0.44	7.37	1.09	9.85	0.87	19.43	-145	Clear	None
1311	15	150	6.83	0.66	7.38	1.10	11.10	0.70	19.34	-150	Clear	None
1316	20	150	7.07	0.88	7.38	1.20	1.62	0.74	15.51	-155	Clear	None
1312	25	150	7.38	1.10	7.36	1.20	1.83	0.65	15.45	-157	Clear	None
1317	30	150	7.74	1.32	7.36	1.19	1.79	0.59	15.43	-161	Clear	None
1313	35	150	7.99	1.54	7.36	1.19	1.75	0.58	15.44	-162	Clear	None

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
PCBs 8082A	250 mL Amber	2	--
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	500 mL Plastic	1	--

Well Information			
Well Location:	See map	Well Locked at Arrival:	Yes
Condition of Well:	Good	Well Locked at Departure:	Yes
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	0344

NOTES:

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log



Project Name	Fort Edward Landfill		Well ID	MW-13A		Date	5/17/2021	
Project No.	30055713					Weather	Sunny @ 70°F	
Measuring Pt. Description	Top of PVC	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	2"	Well Material: PVC	X	
						SS		
Total Depth (ft-bmp)	32.94	Static Water Level (ft-bmp)	8.48	Water Column in Well (ft.)	24.46	Gallons in Well	6.36	
MP Elevation	--	Pump Intake (ft-bmp)	29.00	Volumes Purged	0.25	Gallons Purged	1.60	
Sample Method	Grab	Pump On/Off	1245/1415	Sample Time	Label 1330 Start 1330 End 1415	Purge Method: Low Flow		
Replicate/Code No.	N/A	Sampled By	CC			Centrifugal		
						Submersible		
						Disp. Bailer		
						Other	Peri. Pump	

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1250	5	100	9.40	0.15	9.41	0.511	15.80	2.38	14.91	-23	Clear	None
1255	10	100	11.03	0.30	9.18	0.486	19.90	1.40	14.56	-141	Clear	None
1300	15	100	12.22	0.50	11.78	0.767	15.50	3.30	13.68	-128	Clear	None
1305	20	100	13.49	0.65	11.89	0.845	13.00	3.52	13.97	-103	Clear	None
1310	25	100	14.65	0.90	11.95	0.853	11.10	3.55	14.16	-97	Clear	None
1315	30	75	15.34	1.00	11.95	0.897	6.68	3.50	15.55	-95	Clear	None
1320	35	75	15.25	1.25	11.92	0.889	6.60	3.45	16.21	-95	Clear	None
1325	40	75	16.55	1.50	11.91	0.881	5.91	3.41	16.09	-94	Clear	None

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
PCBs 8082A	250 mL Amber	2	--
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	500 mL Plastic	1	--

Well Information

Well Location:	NW of cell 1	Well Locked at Arrival:	Yes
Condition of Well:	Good	Well Locked at Departure:	Yes
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	0344

NOTES:

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log



Project Name	Fort Edward Landfill		Well ID	MW-13B		Date	5/17/2021	
Project No.	30055713					Weather	Sunny @ 75°F	
Measuring Pt. Description	Top of PVC	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	2"	Well Material: PVC	X	
						SS		
Total Depth (ft-bmp)	53.16	Static Water Level (ft-bmp)	10.77	Water Column in Well (ft.)	42.39	Gallons in Well	11.00	
MP Elevation	--	Pump Intake (ft-bmp)	50.00	Volumes Purged	0.23	Gallons Purged	2.50	
Sample Method	Grab	Pump On/Off	1430/1615	Sample Time	Label 1505 Start 1505 End 1615	Purge Method	Low Flow	
Replicate/Code No.	N/A	Sampled By	CC			Centrifugal		
						Submersible		
						Disp. Bailer		
						Other	Peri. Pump	

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1435	5	200	12.57	0.25	11.55	0.506	0.00	2.92	15.63	-19	Clear	None
1440	10	150	14.20	0.75	11.40	0.523	4.37	2.77	13.87	-17	Clear	None
1445	15	150	15.82	1.25	11.32	0.531	4.61	2.02	13.34	-20	Clear	None
1450	20	150	16.72	1.75	11.33	0.533	4.60	2.51	13.69	-26	Clear	None
1455	25	150	17.89	2.25	11.35	0.532	5.01	2.40	13.77	-30	Clear	None
1500	30	150	18.55	2.50	11.36	0.530	4.52	2.38	13.82	-31	Clear	None

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
PCBs 8082A	250 mL Amber	2	--
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	500 mL Plastic	1	--

Well Information			
Well Location:	NW of cell 1	Well Locked at Arrival:	Yes
Condition of Well:	Good	Well Locked at Departure:	Yes
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	0344

NOTES:

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log



Project Name	Fort Edward Landfill		Well ID	MW-14A		Date	5/19/2021	
Project No.	30055713					Weather	Sunny @ 70°F	
Measuring Pt. Description	Top of PVC	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	2"	Well Material: PVC	X	
						SS		
Total Depth (ft-bmp)	32.93	Static Water Level (ft-bmp)	8.37	Water Column in Well (ft.)	24.56	Gallons in Well	6.39	
MP Elevation	--	Pump Intake (ft-bmp)	29.00	Volumes Purged	0.25	Gallons Purged	1.60	
Sample Method	Grab	Pump On/Off	1312/1425	Sample Time	Label 1355 Start 1355 End 1425	Purge Method	Low Flow	
Replicate/Code No.	--	Sampled By	CC			Centrifugal		
						Submersible		
						Disp. Bailer		
						Other	Peri. Pump	

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1315	0	100	8.94	0.20	8.53	0.468	0.00	4.36	16.87	69	Clear	None
1320	5	100	10.29	0.40	8.55	0.488	1.25	3.01	13.57	70	Clear	None
1325	10	100	11.68	0.60	8.35	0.481	0.89	2.17	14.12	73	Clear	None
1330	15	100	12.58	0.80	8.26	0.486	0.98	2.11	13.47	78	Clear	None
1335	20	100	13.88	1.00	8.22	0.479	1.55	1.93	13.48	80	Clear	None
1340	25	100	14.99	1.20	8.21	0.479	2.05	1.91	13.31	81	Clear	None
1345	30	100	16.86	1.40	8.20	0.480	1.78	1.88	12.99	80	Clear	None
1350	35	100	17.68	1.60	8.19	0.481	2.17	1.85	12.98	81	Clear	None

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
PCBs 8082A	250 mL Amber	2	--
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	500 mL Plastic	1	--

Well Information			
Well Location:	See map	Well Locked at Arrival:	Yes
Condition of Well:	Good	Well Locked at Departure:	Yes
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	0344

NOTES:

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log



Project Name	Fort Edward Landfill		Well ID	MW-14B		Date	5/19/2021	
Project No.	30055713					Weather	Sunny @ 75°F	
Measuring Pt. Description	Top of PVC	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	2"	Well Material: PVC	X	
						SS		
Total Depth (ft-bmp)	47.75	Static Water Level (ft-bmp)	8.31	Water Column in Well (ft.)	39.44	Gallons in Well	10.25	
MP Elevation	--	Pump Intake (ft-bmp)	44.00	Volumes Purged	0.12	Gallons Purged	1.20	
Sample Method	Grab	Pump On/Off	1445/1555	Sample Time	Label 1520 Start 1520 End 1555	Purge Method	Low Flow	
Replicate/Code No.	--	Sampled By	CC			Centrifugal		
						Submersible		
						Disp. Bailer		
						Other	Peri. Pump	

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1450	5	125	9.28	0.20	9.57	0.400	0.00	4.69	14.98	57	Clear	None
1455	10	125	11.11	0.40	9.60	0.398	9.93	3.11	12.24	58	Clear	None
1500	15	125	12.21	0.60	9.60	0.394	12.80	2.96	12.09	58	Clear	None
1505	20	125	13.35	0.80	9.59	0.395	14.30	2.91	11.95	59	Clear	None
1510	25	125	14.45	1.00	9.57	0.395	12.80	2.90	12.33	59	Clear	None
1515	30	125	14.86	1.20	9.56	0.395	13.10	2.83	12.48	59	Clear	None

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
PCBs 8082A	250 mL Amber	2	--
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	500 mL Plastic	1	--

Well Information			
Well Location:	See map	Well Locked at Arrival:	Yes
Condition of Well:	Good	Well Locked at Departure:	Yes
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	0344

NOTES:

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log



Project Name	Fort Edward Landfill		Well ID	MW-15		Date	5/17/2021	
Project No.	30055713				Weather	Sunny @ 70°F		
Measuring Pt. Description	Top of PVC	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	2"	Well Material:	PVC ☒	SS ☐
Total Depth (ft-bmp)	32.88	Static Water Level (ft-bmp)	7.88	Water Column in Well (ft.)	25.00	Gallons in Well	4.07	
MP Elevation	--	Pump Intake (ft-bmp)	30.00	Volumes Purged	--	Gallons Purged	1.76	
Sample Method	Low Flow	Pump On/Off	1555/1715	Sample Time	Label 1640 Start 1640 End 1715	Purge Method:	Low Flow Centrifugal Submersible Disp. Bailer Other Peri Pump	
Replicate/Code No.	--	Sampled By	K. Stilson					

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1600	5	150	9.08	0.22	7.54	1.12	0.00	1.17	20.36	44	Clear	None
1605	10	150	9.37	0.44	7.52	1.25	0.00	1.52	15.31	49	Clear	None
1610	15	150	9.89	0.66	7.40	1.27	0.73	1.27	14.15	59	Clear	None
1615	20	150	10.05	0.88	7.38	1.27	0.40	1.18	14.23	80	Clear	None
1620	25	150	10.35	1.10	7.37	1.27	0.62	1.11	14.05	91	Clear	None
1625	30	150	10.62	1.32	7.34	1.27	0.38	1.01	14.10	95	Clear	None
1630	35	150	10.81	1.54	7.33	1.27	0.41	0.97	14.07	97	Clear	None
1635	40	150	10.95	1.76	7.32	1.27	0.37	0.93	14.04	98	Clear	None

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
PCBs 8082A	250 mL Amber	2	--
Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	500 mL Plastic	1	--

Well Information			
Well Location:	See map	Well Locked at Arrival:	Yes
Condition of Well:	Good	Well Locked at Departure:	Yes
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	0344

NOTES:

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log



Project Name	Fort Edward Landfill		Well ID	MW-16		Date	5/20/2021	
Project No.	30055713					Weather	Sunny @ 70°F	
Measuring Pt. Description	Top of PVC	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	2"	Well Material: PVC	X	
						SS		
Total Depth (ft-bmp)	15.94	Static Water Level (ft-bmp)	8.71	Water Column in Well (ft.)	7.23	Gallons in Well	1.17	
MP Elevation	--	Pump Intake (ft-bmp)	13.00	Volumes Purged	--	Gallons Purged	2.60	
Sample Method	Low Flow	Pump On/Off	0835/1020	Sample Time	Label 0930 Start 0930 End 1020	Purge Method	Low Flow	
Replicate/Code No.	--	Sampled By	K. Stilson			Centrifugal		
						Submersible		
						Disp. Bailer		
						Other	Peri Pump	

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
0840	5	200	8.73	0.30	6.6	1.06	13.80	1.04	16.84	162	Clear	None
0845	10	200	8.74	0.60	6.65	1.16	8.00	0.66	12.47	165	Clear	None
0850	15	200	8.74	0.90	6.66	1.16	4.47	0.48	12.33	148	Clear	None
0855	20	200	8.74	1.20	6.65	1.15	2.66	0.44	12.51	133	Clear	None
0900	25	200	8.74	1.50	6.64	1.15	2.05	0.40	12.49	114	Clear	None
0905	30	200	8.74	1.80	6.62	1.13	1.11	0.41	12.71	105	Clear	None
0910	35	200	8.74	2.00	6.62	1.12	1.48	0.41	12.67	97	Clear	None
0915	40	200	8.74	2.20	6.62	1.12	1.26	0.40	12.71	93	Clear	None
0920	45	200	8.74	2.40	6.61	1.12	1.53	0.40	12.73	92	Clear	None
0925	50	200	8.74	2.60	6.62	1.12	1.47	0.40	12.69	90	Clear	None

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
PCBs 8082A	250 mL Amber	2	--
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	500 mL Plastic	1	--

Well Information			
Well Location:	See map	Well Locked at Arrival:	Yes
Condition of Well:	Good	Well Locked at Departure:	Yes
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	0344

NOTES:

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log



Project Name	Fort Edward Landfill		Well ID	MW-17		Date	5/19/2021	
Project No.	30055713					Weather	Sunny @ 75°F	
Measuring Pt. Description	Top of PVC	Screen Setting (ft-bmp)	--	Casing Diameter (in.)	2"	Well Material: PVC	X	
						SS		
Total Depth (ft-bmp)	32.42	Static Water Level (ft-bmp)	10.91	Water Column in Well (ft.)	21.51	Gallons in Well	3.50	
MP Elevation	--	Pump Intake (ft-bmp)	30.00	Volumes Purged	--	Gallons Purged	1.75	
Sample Method	Low Flow	Pump On/Off	1450/1600	Sample Time	Label 1530 Start 1530 End 1645	Purge Method	Low Flow	
Replicate/Code No.	--	Sampled By	K. Stilson			Centrifugal		
						Submersible		
						Disp. Bailer		
						Other	Peri Pump	

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1455	5	200	11.83	0.25	7.47	0.847	0.00	1.70	22.86	-91	Clear	None
1500	10	200	13.00	0.50	7.41	0.846	0.00	0.90	19.53	-99	Clear	None
1505	15	200	13.23	0.75	7.42	0.866	0.03	0.65	18.12	-101	Clear	None
1510	20	200	13.47	1.00	7.38	0.885	0.07	0.61	16.93	-101	Clear	None
1515	25	200	13.79	1.25	7.28	0.881	0.00	0.56	18.42	-104	Clear	None
1520	30	200	14.18	1.50	7.29	0.880	0.00	0.54	18.62	-105	Clear	None
1525	35	200	14.49	1.75	7.31	0.880	0.00	0.55	18.73	-107	Clear	None

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
PCBs 8082A	250 mL Amber	2	--
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid
TSS 2540D	1 L Plastic	1	--
TDS 2540C	500 mL Plastic	1	--

Well Information			
Well Location:	See map	Well Locked at Arrival:	Yes
Condition of Well:	Good	Well Locked at Departure:	Yes
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	0344

NOTES:

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Design & Consultancy
for natural and
built assets

[illegible]

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
PCBs 8082A	250 mL Amber	2	--
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid

Well Location:	--	Well Locked at Arrival:	--
Condition of Well:	--	Well Locked at Departure:	--
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	--

Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Design & Consultancy
for natural and
built assets

[illegible]

Constituents Sampled	Container	Number	Preservative
PFAS 537 Modified	250 mL Plastic	2	--
1,4-Dioxane 8270D	1 L Amber	2	--
TCL VOCs 8260C	40 mL VOA Vials	3	HCL
PCBs 8082A	250 mL Amber	2	--
TAL Metals w/ Hg 6010C/7470A	250 mL Plastic	1	Nitric Acid

Well Location:	--	Well Locked at Arrival:	--
Condition of Well:	--	Well Locked at Departure:	--
Well Completion:	Flush Mount / Stick Up	Key Number To Well:	--

Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

APPENDIX B

Analytical Data Packages



ANALYTICAL REPORT

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

Laboratory Job ID: 480-184888-1

Client Project/Site: Fort Edward Landfill #558001

For:

New York State D.E.C.
625 Broadway
4th Floor
Albany, New York 12233

Attn: Mr. Payson Long



Authorized for release by:

6/7/2021 6:24:41 PM

Rebecca Jones, Project Management Assistant I

Rebecca.Jones@Eurofinset.com

Designee for

Judy Stone, Senior Project Manager

(484)685-0868

Judy.Stone@Eurofinset.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Rebecca Jones
Project Management Assistant I
6/7/2021 6:24:41 PM

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Definitions/Glossary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	MS or MSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
B	The analyte was found in an associated blank, as well as in the sample.
E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*	Surrogate is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

LCMS

Qualifier	Qualifier Description
*	Isotope Dilution analyte is outside acceptance limits.
B	The analyte was found in an associated blank, as well as in the sample.
J	Indicates an estimated value.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Sample result is greater than the MDL but below the CRDL
U	Indicates analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit

Definitions/Glossary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

Case Narrative

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Job ID: 480-184888-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-184888-1

Comments

No additional comments.

Receipt

The samples were received on 5/19/2021 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.5° C, 2.8° C and 3.1° C.

GC/MS VOA

Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: MW-12A (480-184888-3) and MW-12B (480-184888-5). Elevated reporting limits (RLs) are provided.

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

GC/MS Semi VOA

Method 8270D SIM ID: The 1,4-Dioxane result reported for sample MW-9 (480-184888-2) have an E flag qualifier indicating the results are over the calibration range on the raw data. The actual amounts are within the calibration range; however, the E flag is generated based upon the bias corrected concentration. The LIMS system calculates a bias correction based on the recovery of the 1,4-Dioxane-d8 isotope.

Method 8270D SIM ID: The 1,4-Dioxane result reported for samples MW-12A (480-184888-3) and MW-12B (480-184888-5) have an E flag qualifier indicating the results are over the calibration range on the raw data. The actual amounts are within the calibration range; however, the E flag is generated based upon the bias corrected concentration. The LIMS system calculates a bias correction based on the recovery of the 1,4-Dioxane-d8 isotope.

Method 8270D SIM ID: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-12A (480-184888-3) and MW-12B (480-184888-5). Elevated reporting limits (RLs) are provided.

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

GC Semi 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.

LCMS

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

General Chemistry

Method SM 2540C: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: MW-9 (480-184888-2). The reporting limits (RLs) have been adjusted proportionately.

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

Organic Prep

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

Job ID: 480-184959-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative

Case Narrative

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Job ID: 480-184959-1 (Continued)

Laboratory: Eurofins TestAmerica, Buffalo (Continued)

480-184959-1

Comments

No additional comments.

Receipt

The samples were received on 5/20/2021 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 2.0° C, 2.2° C, 2.4° C and 2.5° C.

GC/MS VOA

Method 8260C: The following samples were analyzed at a reduced weight due to the wood chip nature of the sample matrix: CELL 3 (480-184959-12) and CELL 2 (480-184959-13). Elevated reporting limits (RLs) are provided.

Method 8260C: Reported analyte concentrations in the following samples are below 200 ug/kg and may be biased low due to the samples not being collected according to 5035-L/5035A-L low-level specifications: PPE-SED (480-184959-11), CELL 3 (480-184959-12), CELL 2 (480-184959-13), CELL 1 (480-184959-14), PPI-SED (480-184959-16), DUP-SED (480-184959-23), (480-184959-C-23-B MS) and (480-184959-C-23-C MSD).

Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: EW-2 (480-184959-2). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: EW-1 (480-184959-1). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-582472 recovered outside acceptance criteria, low biased, for Cyclohexane, Methylcyclohexane and 2-Butanone (MEK). A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-582665 recovered outside control limits for the following analytes: cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, Bromoform and 1,2-Dibromo-3-Chloropropane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated samples are impacted: MW-7 (480-184959-21), MW-1D (480-184959-22) and DUP-SW (480-184959-24).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-582665 recovered above the upper control limit for Carbon tetrachloride, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, 1,1,1-Trichloroethane and 1,2-Dibromo-3-Chloropropane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW-7 (480-184959-21), MW-1D (480-184959-22) and DUP-SW (480-184959-24).

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

GC/MS Semi VOA

Method 8270D SIM ID: The 1,4-Dioxane result reported for samples EW-4 (480-184959-4), INFLUENT (480-184959-5), CCT (480-184959-6), MW-6 (480-184959-18), MW-6A (480-184959-19) and DUP-SW (480-184959-24) have an E flag qualifier indicating the results are over the calibration range on the raw data. The actual amounts are within the calibration range; however, the E flag is generated based upon the bias corrected concentration. The LIMS system calculates a bias correction based on the recovery of the 1,4-Dioxane-d8 isotope.

Method 8270D SIM ID: The following sample was diluted to bring the concentration of target analytes within the calibration range: PPE (480-184959-10). Elevated reporting limits (RLs) are provided.

Method 8270D SIM ID: The 1,4-Dioxane result reported for samples CELL 3 BYPASS (480-184959-7), CELL 2 EFFLUENT (480-184959-8), CELL 1 EFFLUENT (480-184959-9) and PPI (480-184959-15) have an E flag qualifier indicating the results are over the calibration range on the raw data. The actual amounts are within the calibration range; however, the E flag is generated based upon the bias corrected concentration. The LIMS system calculates a bias correction based on the recovery of the 1,4-Dioxane-d8 isotope.

Case Narrative

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Job ID: 480-184959-1 (Continued)

Laboratory: Eurofins TestAmerica, Buffalo (Continued)

Method 8270D SIM ID: The breakdown of 4,4'-DDT in the tuning evaluation exceeded 20%. Breakdown is not a criteria of the method but rather an internal check performed by the laboratory to evaluate the peak shape of 1,4-Dioxane and 1,4-Dioxane-d8. No adverse performance was observed and QC recoveries were in control. The data have been reported.

Method 8270D SIM ID: The following samples were diluted to bring the concentration of target analytes within the calibration range: EW-2 (480-184959-2) and EW-3 (480-184959-3). Elevated reporting limits (RLs) are provided.

Method 8270D SIM ID: The 1,4-Dioxane result reported for samples EW-2 (480-184959-2) and EW-3 (480-184959-3) have an E flag qualifier indicating the results are over the calibration range on the raw data. The actual amounts are within the calibration range; however, the E flag is generated based upon the bias corrected concentration. The LIMS system calculates a bias correction based on the recovery of the 1,4-Dioxane-d8 isotope.

Method 8270D SIM ID: The breakdown of 4,4'-DDT in the tuning evaluation exceeded 20%. Breakdown is not a criteria of the method but rather an internal check performed by the laboratory to evaluate the peak shape of 1,4-Dioxane and 1,4-Dioxane-d8. No adverse performance was observed and QC recoveries were in control. The data have been reported. (DFTPP 480-582615/2)

Method 8270D SIM ID: The following sample was diluted to bring the concentration of target analytes within the calibration range: EW-1 (480-184959-1). Elevated reporting limits (RLs) are provided.

Method 8270D SIM ID: The 1,4-Dioxane result reported for sample EW-1 (480-184959-1) have an E flag qualifier indicating the results are over the calibration range on the raw data. The actual amounts are within the calibration range; however, the E flag is generated based upon the bias corrected concentration. The LIMS system calculates a bias correction based on the recovery of the 1,4-Dioxane-d8 isotope.

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

GC Semi VOA

Method 8082A: The Decachlorobiphenyl surrogate recovery for the following samples was outside acceptance limits (low biased) on the primary column: MW-6B (480-184959-20). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

Method 8082A: The following sample was diluted to bring the concentration of target analytes within the calibration range: EW-1 (480-184959-1). Elevated reporting limits (RLs) are provided.

Method 8082A: The following sample was diluted due to abundance of target analytes : EW-1 (480-184959-1). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

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

Metals

Method 6010C: The low level continuing calibration verification (CCVL 480-582717/19) recovered above the upper control limit for Total Manganese. The samples associated with this CCVL were either less than the reporting limit (RL) for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCVL; therefore, re-analysis of samples (LCSSRM 480-582417/2-A) and (MB 480-582417/1-A) was not performed.

Method 6010C: The low level continuing calibration verification (CCVL 480-582717/26) recovered above the upper control limit for Total Manganese. The samples associated with this CCVL were either less than the reporting limit (RL) for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCVL; therefore, re-analysis of samples PPE-SED (480-184959-11), CELL 3 (480-184959-12), CELL 2 (480-184959-13), (LCSSRM 480-582417/2-A) and (MB 480-582417/1-A) was not performed.

Method 6010C: The low level continuing calibration verification (CCVL 480-582717/38) recovered above the upper control limit for Total Manganese. The samples associated with this CCVL were either less than the reporting limit (RL) for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCVL; therefore, re-analysis of samples PPE-SED (480-184959-11), CELL 3 (480-184959-12), CELL 2 (480-184959-13), CELL 1 (480-184959-14), PPI-SED (480-184959-16) and DUP-SED (480-184959-23) was not performed.

Case Narrative

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Job ID: 480-184959-1 (Continued)

Laboratory: Eurofins TestAmerica, Buffalo (Continued)

Method 6010C: The low level continuing calibration verification (CCVL 480-582717/50) recovered above the upper control limit for Total Manganese. The samples associated with this CCVL were either less than the reporting limit (RL) for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCVL; therefore, re-analysis of samples CELL 1 (480-184959-14), PPI-SED (480-184959-16) and DUP-SED (480-184959-23) was not performed.

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

LCMS

Method 537 (modified): The method blank for preparation batch 200-167231 and analytical batch 200-167296 contained Perfluorobutanesulfonic acid (PFBS), Perfluorohexanesulfonic acid (PFHxS), Perfluorooctanesulfonic acid (PFOS) and 1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2) above the method detection limit. This target analyte concentration was less than half the reporting limit (1/2RL); therefore, re-extraction and re-analysis of samples was not performed.

Method 537 (modified): Method 537 (modified): The "I" qualifier associated with samples PPE-SED (480-184959-11), CELL 3 (480-184959-12), CELL 2 (480-184959-13) and PPI-SED (480-184959-16) is applied because the transition mass ratio for the indicated analyte(s) was outside of the established ratio limits. The qualitative identification has some degree of uncertainty, however analyst judgment was used to positively identify the analyte(s).

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

General Chemistry

Method SM 2540C: Due to the matrix, the initial volume(s) used for the following samples deviated from the standard procedure: EW-1 (480-184959-1) and (480-184959-D-1 DU). The reporting limits (RLs) have been adjusted proportionately.

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

Organic Prep

Method 3550C: The following samples: CELL 3 (480-184959-12), CELL 2 (480-184959-13) and DUP-SED (480-184959-23) were decanted prior to preparation.

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

Job ID: 480-185032-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-185032-1

Comments

No additional comments.

Receipt

The samples were received on 5/21/2021 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 8 coolers at receipt time were 2.8° C, 2.9° C, 3.1° C, 3.1° C, 3.3° C, 3.4° C, 3.5° C and 3.6° C.

Receipt Exceptions

The following sample(s) was received at the laboratory outside the required temperature criteria: This cooler was received with a corrected temperature of 14.3°C. There was water in the cooler to indicate melted ice.

GC/MS VOA

Method 8260C: Reported analyte concentrations in the following samples are below 200 ug/kg and may be biased low due to the samples not being collected according to 5035-L/5035A-L low-level specifications: Unnamed Pond-SED (480-185032-5), (480-185032-C-5-B MS) and (480-185032-C-5-C MSD).

Case Narrative

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Job ID: 480-185032-1 (Continued)

Laboratory: Eurofins TestAmerica, Buffalo (Continued)

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-5 (480-185032-1) and MW-17 (480-185032-22). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-582671 recovered outside acceptance criteria, low biased, for 2-Butanone (MEK). A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The associated samples are impacted: Trip Blank-3 (480-185032-12), EB-1 (480-185032-18), FB-1 (480-185032-19) and Trip Blank (480-185032-23).

Method 8260C: Reported analyte concentrations in the following samples are below 200 ug/kg and may be biased low due to the samples not being collected according to 5035-L/5035A-L low-level specifications: GFFC-1-SED (480-185032-7) and GFFC-2-SED (480-185032-9).

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

GC/MS Semi VOA

Method 8270D SIM ID: The 1,4-Dioxane result reported for sample Unnamed Pond-SW (480-185032-4) have an E flag qualifier indicating the results are over the calibration range on the raw data. The actual amounts are within the calibration range; however, the E flag is generated based upon the bias corrected concentration. The LIMS system calculates a bias correction based on the recovery of the 1,4-Dioxane-d8 isotope.

Method 8270D SIM ID: The following sample was diluted to bring the concentration of target analytes within the calibration range: Unnamed Pond-SW (480-185032-4). Elevated reporting limits (RLs) are provided.

Method 8270D SIM ID: The following samples were diluted due to the nature of the sample matrix: GFFC-1-SW (480-185032-6), GFFC-2-SW (480-185032-8) and GFFC-3-SW (480-185032-10). Elevated reporting limits (RLs) are provided.

Method 8270D SIM ID: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-5 (480-185032-1). Elevated reporting limits (RLs) are provided.

Method 8270D SIM ID: The 1,4-Dioxane result reported for sample MW-5 (480-185032-1) have an E flag qualifier indicating the results are over the calibration range on the raw data. The actual amounts are within the calibration range; however, the E flag is generated based upon the bias corrected concentration. The LIMS system calculates a bias correction based on the recovery of the 1,4-Dioxane-d8 isotope.

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

GC Semi 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.

LCMS

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.

Organic Prep

Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-582291.

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

Detection Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-8

Lab Sample ID: 480-184888-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	1.40	J	4.16	0.74	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.68	J	1.67	0.35	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.83		1.67	0.21	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.41	J	1.67	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.52	J	1.67	0.24	ng/L	1		537 (modified)	Total/NA
Barium	13.9		2.0	0.70	ug/L	1		6010C	Total/NA
Calcium	49500		500	100	ug/L	1		6010C	Total/NA
Iron	143		50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	10800		200	43.4	ug/L	1		6010C	Total/NA
Manganese	1.7	J	3.0	0.40	ug/L	1		6010C	Total/NA
Potassium	900	B	500	100	ug/L	1		6010C	Total/NA
Sodium	17500		1000	324	ug/L	1		6010C	Total/NA
Zinc	2.2	J	10.0	1.5	ug/L	1		6010C	Total/NA
Total Dissolved Solids	304		10.0	4.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-9

Lab Sample ID: 480-184888-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.5	E	0.19	0.095	ug/L	1		8270D SIM ID	Total/NA
Perfluorobutanoic acid (PFBA)	55.0		4.18	0.75	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	146		1.67	0.40	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	144		1.67	0.38	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	29.3		1.67	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	55.4		1.67	0.35	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	5.71		1.67	0.21	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.81		1.67	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	5.63		1.67	0.24	ng/L	1		537 (modified)	Total/NA
Aluminum	187	J	200	60.0	ug/L	1		6010C	Total/NA
Barium	59.8		2.0	0.70	ug/L	1		6010C	Total/NA
Cadmium	0.74	J	2.0	0.50	ug/L	1		6010C	Total/NA
Calcium	70600		500	100	ug/L	1		6010C	Total/NA
Iron	1000		50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	142000		200	43.4	ug/L	1		6010C	Total/NA
Manganese	29.9		3.0	0.40	ug/L	1		6010C	Total/NA
Potassium	1050	B	500	100	ug/L	1		6010C	Total/NA
Sodium	130000		1000	324	ug/L	1		6010C	Total/NA
Zinc	1.5	J	10.0	1.5	ug/L	1		6010C	Total/NA
Total Dissolved Solids	906		20.0	8.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-12A

Lab Sample ID: 480-184888-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.1	J	20	6.0	ug/L	2		8260C	Total/NA
Benzene	1.3	J	2.0	0.82	ug/L	2		8260C	Total/NA
Methyl tert-butyl ether	0.69	J	2.0	0.32	ug/L	2		8260C	Total/NA
Methylene Chloride	0.98	J	2.0	0.88	ug/L	2		8260C	Total/NA
1,4-Dioxane	50	E	1.9	0.95	ug/L	10		8270D SIM ID	Total/NA
Perfluorobutanoic acid (PFBA)	18.7		4.10	0.73	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	26.1		1.64	0.39	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	54.0		1.64	0.37	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	23.0		1.64	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	60.6		1.64	0.35	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-12A (Continued)

Lab Sample ID: 480-184888-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	0.51	J	1.64	0.23	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	3.89		1.64	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	10.8		1.64	0.25	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	0.48	J	1.64	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	20.3		1.64	0.24	ng/L	1		537 (modified)	Total/NA
Arsenic	9.7	J	15.0	5.6	ug/L	1		6010C	Total/NA
Barium	146		2.0	0.70	ug/L	1		6010C	Total/NA
Calcium	132000		500	100	ug/L	1		6010C	Total/NA
Cobalt	2.5	J	4.0	0.63	ug/L	1		6010C	Total/NA
Iron	45600		50.0	19.3	ug/L	1		6010C	Total/NA
Lead	7.6	J	10.0	3.0	ug/L	1		6010C	Total/NA
Magnesium	41500		200	43.4	ug/L	1		6010C	Total/NA
Manganese	2350		3.0	0.40	ug/L	1		6010C	Total/NA
Nickel	12.3		10.0	1.3	ug/L	1		6010C	Total/NA
Potassium	2870	B	500	100	ug/L	1		6010C	Total/NA
Sodium	120000		1000	324	ug/L	1		6010C	Total/NA
Total Dissolved Solids	687		10.0	4.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	4.4		4.0	4.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: MW-13A

Lab Sample ID: 480-184888-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.12	J	0.19	0.096	ug/L	1		8270D SIM ID	Total/NA
Perfluorobutanoic acid (PFBA)	3.22	J	4.28	0.76	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	1.53	J	1.71	0.41	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	1.29	J	1.71	0.39	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	1.06	J	1.71	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	4.88		1.71	0.36	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.42	J	1.71	0.21	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.39	J	1.71	0.26	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.82	J	1.71	0.25	ng/L	1		537 (modified)	Total/NA
Aluminum	400		200	60.0	ug/L	1		6010C	Total/NA
Barium	170		2.0	0.70	ug/L	1		6010C	Total/NA
Calcium	40200		500	100	ug/L	1		6010C	Total/NA
Chromium	2.2	J	4.0	1.0	ug/L	1		6010C	Total/NA
Cobalt	1.9	J	4.0	0.63	ug/L	1		6010C	Total/NA
Copper	2.1	J	10.0	1.6	ug/L	1		6010C	Total/NA
Iron	457		50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	4290		200	43.4	ug/L	1		6010C	Total/NA
Manganese	39.0		3.0	0.40	ug/L	1		6010C	Total/NA
Nickel	1.5	J	10.0	1.3	ug/L	1		6010C	Total/NA
Potassium	31900	B	500	100	ug/L	1		6010C	Total/NA
Sodium	49300		1000	324	ug/L	1		6010C	Total/NA
Vanadium	3.3	J	5.0	1.5	ug/L	1		6010C	Total/NA
Zinc	3.7	J	10.0	1.5	ug/L	1		6010C	Total/NA
Total Dissolved Solids	267		10.0	4.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	19.2		4.0	4.0	mg/L	1		SM 2540D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-12B

Lab Sample ID: 480-184888-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.1	J	2.0	0.82	ug/L	2		8260C	Total/NA
Carbon disulfide	3.9		2.0	0.38	ug/L	2		8260C	Total/NA
Methylene Chloride	2.0		2.0	0.88	ug/L	2		8260C	Total/NA
1,4-Dioxane	61	E	3.8	1.9	ug/L	20		8270D SIM ID	Total/NA
Perfluorobutanoic acid (PFBA)	18.5		4.03	0.72	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	25.3		1.61	0.38	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	53.8		1.61	0.36	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	23.5		1.61	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	43.7		1.61	0.34	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	4.00		1.61	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	6.58		1.61	0.24	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.89		1.61	0.23	ng/L	1		537 (modified)	Total/NA
Arsenic	5.9	J	15.0	5.6	ug/L	1		6010C	Total/NA
Barium	149		2.0	0.70	ug/L	1		6010C	Total/NA
Calcium	134000		500	100	ug/L	1		6010C	Total/NA
Cobalt	1.3	J	4.0	0.63	ug/L	1		6010C	Total/NA
Iron	1030		50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	38700		200	43.4	ug/L	1		6010C	Total/NA
Manganese	774		3.0	0.40	ug/L	1		6010C	Total/NA
Nickel	5.6	J	10.0	1.3	ug/L	1		6010C	Total/NA
Potassium	1860	B	500	100	ug/L	1		6010C	Total/NA
Sodium	74900		1000	324	ug/L	1		6010C	Total/NA
Zinc	1.7	J	10.0	1.5	ug/L	1		6010C	Total/NA
Total Dissolved Solids	845		10.0	4.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	79.2		4.0	4.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: MW-13B

Lab Sample ID: 480-184888-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	4.92		4.49	0.80	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	1.94		1.80	0.43	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	2.16		1.80	0.41	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	1.36	J	1.80	0.21	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	3.70		1.80	0.38	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.42	J	1.80	0.22	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.31	J	1.80	0.27	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.43	J	1.80	0.26	ng/L	1		537 (modified)	Total/NA
Aluminum	456		200	60.0	ug/L	1		6010C	Total/NA
Arsenic	8.8	J	15.0	5.6	ug/L	1		6010C	Total/NA
Barium	119		2.0	0.70	ug/L	1		6010C	Total/NA
Calcium	17800		500	100	ug/L	1		6010C	Total/NA
Cobalt	0.85	J	4.0	0.63	ug/L	1		6010C	Total/NA
Copper	2.0	J	10.0	1.6	ug/L	1		6010C	Total/NA
Iron	185		50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	168	J	200	43.4	ug/L	1		6010C	Total/NA
Manganese	3.9		3.0	0.40	ug/L	1		6010C	Total/NA
Nickel	1.8	J	10.0	1.3	ug/L	1		6010C	Total/NA
Potassium	16800	B	500	100	ug/L	1		6010C	Total/NA
Sodium	46800		1000	324	ug/L	1		6010C	Total/NA
Vanadium	10.7		5.0	1.5	ug/L	1		6010C	Total/NA
Zinc	3.4	J	10.0	1.5	ug/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-13B (Continued)

Lab Sample ID: 480-184888-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	231		10.0	4.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	7.6		4.0	4.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: MW-15

Lab Sample ID: 480-184888-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.13	J	0.19	0.095	ug/L	1		8270D SIM ID	Total/NA
Perfluorobutanoic acid (PFBA)	9.36		4.41	0.79	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	30.9		1.77	0.42	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	19.7		1.77	0.40	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	10.7		1.77	0.21	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	6.99		1.77	0.37	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.54	J	1.77	0.22	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.67	J	1.77	0.27	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.86	J	1.77	0.26	ng/L	1		537 (modified)	Total/NA
6:2 FTS	7.59		4.41	0.97	ng/L	1		537 (modified)	Total/NA
Barium	52.2		2.0	0.70	ug/L	1		6010C	Total/NA
Cadmium	0.63	J	2.0	0.50	ug/L	1		6010C	Total/NA
Calcium	38800		500	100	ug/L	1		6010C	Total/NA
Magnesium	105000		200	43.4	ug/L	1		6010C	Total/NA
Manganese	36.0		3.0	0.40	ug/L	1		6010C	Total/NA
Potassium	3240	B	500	100	ug/L	1		6010C	Total/NA
Sodium	117000		1000	324	ug/L	1		6010C	Total/NA
Zinc	1.7	J	10.0	1.5	ug/L	1		6010C	Total/NA
Total Dissolved Solids	770		10.0	4.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EW-1

Lab Sample ID: 480-184959-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Methyl-2-pentanone (MIBK)	45	J	50	21	ug/L	10		8260C	Total/NA
Benzene	9.7	J	10	4.1	ug/L	10		8260C	Total/NA
Chlorobenzene	12		10	7.5	ug/L	10		8260C	Total/NA
cis-1,2-Dichloroethene	390		10	8.1	ug/L	10		8260C	Total/NA
Toluene	13		10	5.1	ug/L	10		8260C	Total/NA
Vinyl chloride	560		10	9.0	ug/L	10		8260C	Total/NA
Xylenes, Total	25		20	6.6	ug/L	10		8260C	Total/NA
1,4-Dioxane	130	E B	8.0	4.0	ug/L	40		8270D SIM ID	Total/NA
PCB-1016	8600		500	180	ug/L	1000		8082A	Total/NA
Perfluorobutanoic acid (PFBA)	131	B	4.06	0.72	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	226		1.62	0.38	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	150	B	1.62	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	2.24		1.62	0.23	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	0.47	J B	1.62	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	9.97	B	1.62	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	32.6		1.62	0.25	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	1.83		1.62	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	60.5	B	1.62	0.24	ng/L	1		537 (modified)	Total/NA
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.98	J	4.06	0.73	ng/L	1		537 (modified)	Total/NA
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	51.1		4.06	0.60	ng/L	1		537 (modified)	Total/NA
6:2 FTS	2.12	J	4.06	0.89	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: EW-1 (Continued)

Lab Sample ID: 480-184959-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA) - DL	401		8.11	1.83	ng/L	5		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA) - DL	1140		8.11	1.72	ng/L	5		537 (modified)	Total/NA
Barium	498		2.0	0.70	ug/L	1		6010C	Total/NA
Cadmium	0.60	J	2.0	0.50	ug/L	1		6010C	Total/NA
Calcium	170000		500	100	ug/L	1		6010C	Total/NA
Chromium	2.7	J	4.0	1.0	ug/L	1		6010C	Total/NA
Cobalt	6.9		4.0	0.63	ug/L	1		6010C	Total/NA
Copper	11.2		10.0	1.6	ug/L	1		6010C	Total/NA
Iron	63600	B	50.0	19.3	ug/L	1		6010C	Total/NA
Lead	8.2	J	10.0	3.0	ug/L	1		6010C	Total/NA
Magnesium	61400		200	43.4	ug/L	1		6010C	Total/NA
Manganese	1020		3.0	0.40	ug/L	1		6010C	Total/NA
Nickel	27.2		10.0	1.3	ug/L	1		6010C	Total/NA
Potassium	42600		500	100	ug/L	1		6010C	Total/NA
Sodium	234000		1000	324	ug/L	1		6010C	Total/NA
Vanadium	4.1	J	5.0	1.5	ug/L	1		6010C	Total/NA
Zinc	22.5		10.0	1.5	ug/L	1		6010C	Total/NA
Total Dissolved Solids	1510		20.0	8.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	60.8		4.0	4.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: EW-2

Lab Sample ID: 480-184959-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.6	J	20	6.0	ug/L	2		8260C	Total/NA
Benzene	3.4		2.0	0.82	ug/L	2		8260C	Total/NA
Chlorobenzene	1.5	J	2.0	1.5	ug/L	2		8260C	Total/NA
Methyl tert-butyl ether	0.71	J	2.0	0.32	ug/L	2		8260C	Total/NA
1,4-Dioxane	44	E B	2.0	1.0	ug/L	10		8270D SIM ID	Total/NA
PCB-1016	0.30	J	0.50	0.18	ug/L	1		8082A	Total/NA
Perfluorobutanoic acid (PFBA)	17.7	B	4.12	0.74	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	26.3		1.65	0.39	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	51.2		1.65	0.37	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	20.6	B	1.65	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	54.9		1.65	0.35	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.61	J	1.65	0.23	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.92	B	1.65	0.21	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	9.64		1.65	0.25	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	0.60	J	1.65	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	18.6	B	1.65	0.24	ng/L	1		537 (modified)	Total/NA
N-ethylperfluorooctanesulfonamidoacetic acid (NETFOSAA)	2.12	J	4.12	0.61	ng/L	1		537 (modified)	Total/NA
Arsenic	16.8		15.0	5.6	ug/L	1		6010C	Total/NA
Barium	140		2.0	0.70	ug/L	1		6010C	Total/NA
Calcium	120000		500	100	ug/L	1		6010C	Total/NA
Cobalt	3.8	J	4.0	0.63	ug/L	1		6010C	Total/NA
Copper	30.9		10.0	1.6	ug/L	1		6010C	Total/NA
Iron	18000	B	50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	41600		200	43.4	ug/L	1		6010C	Total/NA
Manganese	879		3.0	0.40	ug/L	1		6010C	Total/NA
Nickel	11.8		10.0	1.3	ug/L	1		6010C	Total/NA
Potassium	2670		500	100	ug/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: EW-2 (Continued)

Lab Sample ID: 480-184959-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	105000		1000	324	ug/L	1		6010C	Total/NA
Zinc	61.2		10.0	1.5	ug/L	1		6010C	Total/NA
Total Dissolved Solids	793		10.0	4.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	58.8		4.0	4.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: EW-3

Lab Sample ID: 480-184959-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	5.4		1.0	0.84	ug/L	1		8260C	Total/NA
Acetone	7.9	J	10	3.0	ug/L	1		8260C	Total/NA
Benzene	2.4		1.0	0.41	ug/L	1		8260C	Total/NA
Chlorobenzene	19		1.0	0.75	ug/L	1		8260C	Total/NA
Cyclohexane	1.1		1.0	0.18	ug/L	1		8260C	Total/NA
Methyl tert-butyl ether	0.45	J	1.0	0.16	ug/L	1		8260C	Total/NA
Methylcyclohexane	0.41	J	1.0	0.16	ug/L	1		8260C	Total/NA
1,4-Dioxane	68	E B	5.0	2.5	ug/L	25		8270D SIM ID	Total/NA
PCB-1232	1.9		0.50	0.18	ug/L	1		8082A	Total/NA
Perfluorobutanoic acid (PFBA)	10.5	B	4.29	0.77	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	17.5		1.71	0.41	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	35.3		1.71	0.39	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	13.7	B	1.71	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	30.1		1.71	0.36	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.35	J	1.71	0.24	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.34	B	1.71	0.21	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	5.65		1.71	0.26	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	0.36	J	1.71	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	14.8	B	1.71	0.25	ng/L	1		537 (modified)	Total/NA
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.67	J	4.29	0.64	ng/L	1		537 (modified)	Total/NA
Arsenic	9.7	J	15.0	5.6	ug/L	1		6010C	Total/NA
Barium	191		2.0	0.70	ug/L	1		6010C	Total/NA
Calcium	77800		500	100	ug/L	1		6010C	Total/NA
Cobalt	9.7		4.0	0.63	ug/L	1		6010C	Total/NA
Copper	2.9	J	10.0	1.6	ug/L	1		6010C	Total/NA
Iron	31900	B	50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	37000		200	43.4	ug/L	1		6010C	Total/NA
Manganese	254		3.0	0.40	ug/L	1		6010C	Total/NA
Nickel	8.6	J	10.0	1.3	ug/L	1		6010C	Total/NA
Potassium	33300		500	100	ug/L	1		6010C	Total/NA
Sodium	65400		1000	324	ug/L	1		6010C	Total/NA
Vanadium	4.8	J	5.0	1.5	ug/L	1		6010C	Total/NA
Zinc	8.0	J	10.0	1.5	ug/L	1		6010C	Total/NA
Total Dissolved Solids	630		10.0	4.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	64.4		4.0	4.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: EW-4

Lab Sample ID: 480-184959-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	3.6	E B	0.20	0.10	ug/L	1		8270D SIM ID	Total/NA
PCB-1232	1.1		0.50	0.18	ug/L	1		8082A	Total/NA
Perfluorobutanoic acid (PFBA)	8.50	B	4.17	0.75	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: EW-4 (Continued)

Lab Sample ID: 480-184959-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	17.8		1.67	0.40	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	25.1		1.67	0.38	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	6.64	B	1.67	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	18.9		1.67	0.35	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.68	B	1.67	0.21	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.62	J	1.67	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	4.72	B	1.67	0.24	ng/L	1		537 (modified)	Total/NA
Barium	48.8		2.0	0.70	ug/L	1		6010C	Total/NA
Calcium	92200		500	100	ug/L	1		6010C	Total/NA
Cobalt	1.9	J	4.0	0.63	ug/L	1		6010C	Total/NA
Iron	18300	B	50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	21500		200	43.4	ug/L	1		6010C	Total/NA
Manganese	1610		3.0	0.40	ug/L	1		6010C	Total/NA
Nickel	1.7	J	10.0	1.3	ug/L	1		6010C	Total/NA
Potassium	2400		500	100	ug/L	1		6010C	Total/NA
Sodium	48200		1000	324	ug/L	1		6010C	Total/NA
Total Dissolved Solids	489		10.0	4.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	45.6		4.0	4.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: INFLUENT

Lab Sample ID: 480-184959-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	3.9	E B	0.20	0.10	ug/L	1		8270D SIM ID	Total/NA
PCB-1232	3.1		0.50	0.18	ug/L	1		8082A	Total/NA
Perfluorobutanoic acid (PFBA)	7.96	B	4.26	0.76	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	15.0		1.70	0.40	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	22.2		1.70	0.39	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	6.50	B	1.70	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	18.6		1.70	0.36	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.70	B	1.70	0.21	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.63	J	1.70	0.26	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	4.45	B	1.70	0.25	ng/L	1		537 (modified)	Total/NA
Barium	46.9		2.0	0.70	ug/L	1		6010C	Total/NA
Calcium	91400		500	100	ug/L	1		6010C	Total/NA
Cobalt	1.6	J	4.0	0.63	ug/L	1		6010C	Total/NA
Iron	15500	B	50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	21700		200	43.4	ug/L	1		6010C	Total/NA
Manganese	1600		3.0	0.40	ug/L	1		6010C	Total/NA
Nickel	1.6	J	10.0	1.3	ug/L	1		6010C	Total/NA
Potassium	2400		500	100	ug/L	1		6010C	Total/NA
Sodium	47400		1000	324	ug/L	1		6010C	Total/NA
Zinc	11.9		10.0	1.5	ug/L	1		6010C	Total/NA
Total Organic Carbon	3.7		1.0	0.43	mg/L	1		9060A	Total/NA
Total Dissolved Solids	483		10.0	4.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	46.0		4.0	4.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: CCT

Lab Sample ID: 480-184959-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.8	J	10	3.0	ug/L	1		8260C	Total/NA
Bromodichloromethane	0.96	J	1.0	0.39	ug/L	1		8260C	Total/NA
Chloroform	2.6		1.0	0.34	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CCT (Continued)

Lab Sample ID: 480-184959-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.35	J	1.0	0.35	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	6.0		1.0	0.81	ug/L	1		8260C	Total/NA
Vinyl chloride	3.3		1.0	0.90	ug/L	1		8260C	Total/NA
1,4-Dioxane	6.5	E B	0.20	0.10	ug/L	1		8270D SIM ID	Total/NA
PCB-1232	8.7		0.50	0.18	ug/L	1		8082A	Total/NA
Perfluorobutanoic acid (PFBA)	8.25	B	4.25	0.76	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	16.6		1.70	0.40	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	23.8		1.70	0.38	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	7.92	B	1.70	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	34.4		1.70	0.36	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.75	B	1.70	0.21	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.06		1.70	0.26	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	6.04	B	1.70	0.25	ng/L	1		537 (modified)	Total/NA
N-ethylperfluorooctanesulfonamidoacetic acid (NETFOSAA)	1.17	J	4.25	0.63	ng/L	1		537 (modified)	Total/NA
Aluminum	322		200	60.0	ug/L	1		6010C	Total/NA
Barium	40.7		2.0	0.70	ug/L	1		6010C	Total/NA
Calcium	80400		500	100	ug/L	1		6010C	Total/NA
Cobalt	2.0	J	4.0	0.63	ug/L	1		6010C	Total/NA
Iron	2220	B	50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	19800		200	43.4	ug/L	1		6010C	Total/NA
Manganese	1180		3.0	0.40	ug/L	1		6010C	Total/NA
Nickel	1.7	J	10.0	1.3	ug/L	1		6010C	Total/NA
Potassium	3530		500	100	ug/L	1		6010C	Total/NA
Sodium	62500		1000	324	ug/L	1		6010C	Total/NA
Total Organic Carbon	4.5		1.0	0.43	mg/L	1		9060A	Total/NA
Total Dissolved Solids	487		10.0	4.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	6.0		4.0	4.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: CELL 3 BYPASS

Lab Sample ID: 480-184959-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	3.8	E B	0.20	0.10	ug/L	1		8270D SIM ID	Total/NA
Perfluorobutanoic acid (PFBA)	8.95	B	4.26	0.76	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	12.6		1.71	0.40	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	18.9		1.71	0.39	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	6.87	B	1.71	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	26.2		1.71	0.36	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.35	J	1.71	0.24	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.09	B	1.71	0.21	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.23		1.71	0.26	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	3.91	B	1.71	0.25	ng/L	1		537 (modified)	Total/NA
Barium	28.7		2.0	0.70	ug/L	1		6010C	Total/NA
Calcium	98700		500	100	ug/L	1		6010C	Total/NA
Iron	253	B	50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	17400		200	43.4	ug/L	1		6010C	Total/NA
Manganese	145		3.0	0.40	ug/L	1		6010C	Total/NA
Nickel	1.4	J	10.0	1.3	ug/L	1		6010C	Total/NA
Potassium	3710		500	100	ug/L	1		6010C	Total/NA
Sodium	55000		1000	324	ug/L	1		6010C	Total/NA
Zinc	1.8	J	10.0	1.5	ug/L	1		6010C	Total/NA
Total Dissolved Solids	484		10.0	4.0	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CELL 2 EFFLUENT

Lab Sample ID: 480-184959-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	2.7	E B	0.20	0.10	ug/L	1		8270D SIM ID	Total/NA
Perfluorobutanoic acid (PFBA)	9.28	B	4.16	0.74	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	10.6		1.67	0.39	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	14.4		1.67	0.38	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	5.59	B	1.67	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	20.5		1.67	0.35	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.30	J	1.67	0.23	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.85	B	1.67	0.21	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.77		1.67	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	3.28	B	1.67	0.24	ng/L	1		537 (modified)	Total/NA
Barium	38.6		2.0	0.70	ug/L	1		6010C	Total/NA
Calcium	88900		500	100	ug/L	1		6010C	Total/NA
Cobalt	0.85	J	4.0	0.63	ug/L	1		6010C	Total/NA
Copper	2.8	J	10.0	1.6	ug/L	1		6010C	Total/NA
Iron	1710	B	50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	15100		200	43.4	ug/L	1		6010C	Total/NA
Manganese	309		3.0	0.40	ug/L	1		6010C	Total/NA
Nickel	3.3	J	10.0	1.3	ug/L	1		6010C	Total/NA
Potassium	3030		500	100	ug/L	1		6010C	Total/NA
Sodium	44500		1000	324	ug/L	1		6010C	Total/NA
Zinc	1.6	J	10.0	1.5	ug/L	1		6010C	Total/NA
Total Dissolved Solids	430		10.0	4.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: CELL 1 EFFLUENT

Lab Sample ID: 480-184959-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.9	E B	0.20	0.10	ug/L	1		8270D SIM ID	Total/NA
PCB-1016	0.23	J	0.50	0.18	ug/L	1		8082A	Total/NA
Perfluorobutanoic acid (PFBA)	7.56	B	4.21	0.75	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	9.51		1.69	0.40	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	12.1		1.69	0.38	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	5.31	B	1.69	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	15.2		1.69	0.36	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.34	J	1.69	0.24	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.77	B	1.69	0.21	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.35	J	1.69	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	2.78	B	1.69	0.25	ng/L	1		537 (modified)	Total/NA
Aluminum	903		200	60.0	ug/L	1		6010C	Total/NA
Arsenic	14.5	J	15.0	5.6	ug/L	1		6010C	Total/NA
Barium	342		2.0	0.70	ug/L	1		6010C	Total/NA
Cadmium	0.60	J	2.0	0.50	ug/L	1		6010C	Total/NA
Calcium	97300		500	100	ug/L	1		6010C	Total/NA
Cobalt	21.0		4.0	0.63	ug/L	1		6010C	Total/NA
Copper	21.0		10.0	1.6	ug/L	1		6010C	Total/NA
Iron	60600	B	50.0	19.3	ug/L	1		6010C	Total/NA
Lead	4.3	J	10.0	3.0	ug/L	1		6010C	Total/NA
Magnesium	15400		200	43.4	ug/L	1		6010C	Total/NA
Manganese	4790		3.0	0.40	ug/L	1		6010C	Total/NA
Nickel	34.4		10.0	1.3	ug/L	1		6010C	Total/NA
Potassium	2640		500	100	ug/L	1		6010C	Total/NA
Sodium	34500		1000	324	ug/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CELL 1 EFFLUENT (Continued)

Lab Sample ID: 480-184959-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	7.7		5.0	1.5	ug/L	1		6010C	Total/NA
Zinc	170		10.0	1.5	ug/L	1		6010C	Total/NA
Total Dissolved Solids	421		10.0	4.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	274		4.0	4.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: PPE

Lab Sample ID: 480-184959-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	2.3	B	2.0	1.0	ug/L	10		8270D SIM ID	Total/NA
Perfluorobutanoic acid (PFBA)	9.38	B	4.15	0.74	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	12.7		1.66	0.39	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	15.8		1.66	0.38	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	6.85	B	1.66	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	24.0		1.66	0.35	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.60	J	1.66	0.23	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.78	B	1.66	0.21	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.84		1.66	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	4.13	B	1.66	0.24	ng/L	1		537 (modified)	Total/NA
Aluminum	1590		200	60.0	ug/L	1		6010C	Total/NA
Barium	46.0		2.0	0.70	ug/L	1		6010C	Total/NA
Calcium	76800		500	100	ug/L	1		6010C	Total/NA
Chromium	1.9	J	4.0	1.0	ug/L	1		6010C	Total/NA
Cobalt	0.88	J	4.0	0.63	ug/L	1		6010C	Total/NA
Copper	2.9	J	10.0	1.6	ug/L	1		6010C	Total/NA
Iron	2220	B	50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	17700		200	43.4	ug/L	1		6010C	Total/NA
Manganese	265		3.0	0.40	ug/L	1		6010C	Total/NA
Nickel	4.4	J	10.0	1.3	ug/L	1		6010C	Total/NA
Potassium	2980		500	100	ug/L	1		6010C	Total/NA
Sodium	45100		1000	324	ug/L	1		6010C	Total/NA
Vanadium	2.9	J	5.0	1.5	ug/L	1		6010C	Total/NA
Zinc	8.6	J	10.0	1.5	ug/L	1		6010C	Total/NA
Total Dissolved Solids	381		10.0	4.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	40.8		4.0	4.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: PPE-SED

Lab Sample ID: 480-184959-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	33	J	36	6.0	ug/Kg	1	✱	8260C	Total/NA
Perfluoropentanoic acid (PFPeA)	0.068	J	0.29	0.057	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	0.081	J	0.29	0.032	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.10	J	0.29	0.037	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.077	J	0.29	0.026	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	0.049	J	0.29	0.018	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.065	J	0.29	0.029	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorotridecanoic acid (PFTriA)	0.022	J	0.29	0.022	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.020	J B	0.29	0.014	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.031	J B	0.29	0.020	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.18	J B	0.29	0.023	ug/Kg	1	✱	537 (modified)	Total/NA
Aluminum	17900		14.7	6.5	mg/Kg	1	✱	6010C	Total/NA
Arsenic	3.0		2.9	0.59	mg/Kg	1	✱	6010C	Total/NA
Barium	120		0.73	0.16	mg/Kg	1	✱	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: PPE-SED (Continued)

Lab Sample ID: 480-184959-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	0.75		0.29	0.041	mg/Kg	1	✱	6010C	Total/NA
Cadmium	0.14	J	0.29	0.044	mg/Kg	1	✱	6010C	Total/NA
Calcium	7530		73.4	4.8	mg/Kg	1	✱	6010C	Total/NA
Chromium	30.9		0.73	0.29	mg/Kg	1	✱	6010C	Total/NA
Cobalt	10.7		0.73	0.073	mg/Kg	1	✱	6010C	Total/NA
Copper	17.3		1.5	0.31	mg/Kg	1	✱	6010C	Total/NA
Iron	22100		14.7	5.1	mg/Kg	1	✱	6010C	Total/NA
Lead	15.4		1.5	0.35	mg/Kg	1	✱	6010C	Total/NA
Magnesium	5350		29.4	1.4	mg/Kg	1	✱	6010C	Total/NA
Manganese	572	B	0.29	0.047	mg/Kg	1	✱	6010C	Total/NA
Nickel	22.5		7.3	0.34	mg/Kg	1	✱	6010C	Total/NA
Potassium	3150		44.0	29.4	mg/Kg	1	✱	6010C	Total/NA
Selenium	1.3	J	5.9	0.59	mg/Kg	1	✱	6010C	Total/NA
Sodium	289	B	205	19.1	mg/Kg	1	✱	6010C	Total/NA
Vanadium	38.8		0.73	0.16	mg/Kg	1	✱	6010C	Total/NA
Zinc	51.8		2.9	0.94	mg/Kg	1	✱	6010C	Total/NA
Mercury	0.023	J	0.026	0.010	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: CELL 3

Lab Sample ID: 480-184959-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	230	J	730	53	ug/Kg	1	✱	8260C	Total/NA
Acetone	1000		730	120	ug/Kg	1	✱	8260C	Total/NA
PCB-1016	4.0		1.4	0.27	mg/Kg	1	✱	8082A	Total/NA
Perfluoropentanoic acid (PFPeA)	0.28	J	1.25	0.24	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	0.35	J	1.25	0.14	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.13	J	1.25	0.12	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.64	J	1.25	0.16	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	0.11	J	1.25	0.075	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.21	J	1.25	0.12	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorododecanoic acid (PFDoA)	0.13	J	1.25	0.13	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorotridecanoic acid (PFTriA)	0.098	J	1.25	0.094	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.072	J B	1.25	0.058	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.20	J B	1.25	0.087	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	4.18	B	1.25	0.10	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorooctanesulfonamide (PFOSA)	0.12	J	1.25	0.11	ug/Kg	1	✱	537 (modified)	Total/NA
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.14	J	12.5	0.29	ug/Kg	1	✱	537 (modified)	Total/NA
Aluminum	14400		65.4	28.8	mg/Kg	1	✱	6010C	Total/NA
Arsenic	5.3	J	13.1	2.6	mg/Kg	1	✱	6010C	Total/NA
Barium	101		3.3	0.72	mg/Kg	1	✱	6010C	Total/NA
Beryllium	0.56	J	1.3	0.18	mg/Kg	1	✱	6010C	Total/NA
Cadmium	0.20	J	1.3	0.20	mg/Kg	1	✱	6010C	Total/NA
Calcium	11500		327	21.6	mg/Kg	1	✱	6010C	Total/NA
Chromium	18.4		3.3	1.3	mg/Kg	1	✱	6010C	Total/NA
Cobalt	10.2		3.3	0.33	mg/Kg	1	✱	6010C	Total/NA
Copper	23.6		6.5	1.4	mg/Kg	1	✱	6010C	Total/NA
Iron	23900		65.4	22.9	mg/Kg	1	✱	6010C	Total/NA
Lead	11.5		6.5	1.6	mg/Kg	1	✱	6010C	Total/NA
Magnesium	2430		131	6.1	mg/Kg	1	✱	6010C	Total/NA
Manganese	750	B	1.3	0.21	mg/Kg	1	✱	6010C	Total/NA
Nickel	16.9	J	32.7	1.5	mg/Kg	1	✱	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CELL 3 (Continued)

Lab Sample ID: 480-184959-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	1950		196	131	mg/Kg	1	✱	6010C	Total/NA
Sodium	562	J B	915	85.0	mg/Kg	1	✱	6010C	Total/NA
Vanadium	24.2		3.3	0.72	mg/Kg	1	✱	6010C	Total/NA
Zinc	46.3		13.1	4.2	mg/Kg	1	✱	6010C	Total/NA

Client Sample ID: CELL 2

Lab Sample ID: 480-184959-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	320	J	680	110	ug/Kg	1	✱	8260C	Total/NA
Perfluorohexanoic acid (PFHxA)	0.41	J	1.27	0.14	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.26	J	1.27	0.13	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	1.25	J	1.27	0.16	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.22	J	1.27	0.11	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	0.087	J	1.27	0.076	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.092	J B	1.27	0.059	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.24	J B	1.27	0.089	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	2.43	B	1.27	0.10	ug/Kg	1	✱	537 (modified)	Total/NA
Aluminum	13900		65.0	28.6	mg/Kg	1	✱	6010C	Total/NA
Arsenic	9.7	J	13.0	2.6	mg/Kg	1	✱	6010C	Total/NA
Barium	132		3.2	0.71	mg/Kg	1	✱	6010C	Total/NA
Beryllium	0.80	J	1.3	0.18	mg/Kg	1	✱	6010C	Total/NA
Cadmium	0.37	J	1.3	0.19	mg/Kg	1	✱	6010C	Total/NA
Calcium	16600		325	21.4	mg/Kg	1	✱	6010C	Total/NA
Chromium	20.6		3.2	1.3	mg/Kg	1	✱	6010C	Total/NA
Cobalt	13.2		3.2	0.32	mg/Kg	1	✱	6010C	Total/NA
Copper	24.5		6.5	1.4	mg/Kg	1	✱	6010C	Total/NA
Iron	14400		65.0	22.7	mg/Kg	1	✱	6010C	Total/NA
Lead	10.9		6.5	1.6	mg/Kg	1	✱	6010C	Total/NA
Magnesium	4120		130	6.0	mg/Kg	1	✱	6010C	Total/NA
Manganese	1280	B	1.3	0.21	mg/Kg	1	✱	6010C	Total/NA
Nickel	21.9	J	32.5	1.5	mg/Kg	1	✱	6010C	Total/NA
Potassium	2380		195	130	mg/Kg	1	✱	6010C	Total/NA
Sodium	583	J B	910	84.5	mg/Kg	1	✱	6010C	Total/NA
Vanadium	30.8		3.2	0.71	mg/Kg	1	✱	6010C	Total/NA
Zinc	60.8		13.0	4.2	mg/Kg	1	✱	6010C	Total/NA
Mercury	0.054	J	0.12	0.048	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: CELL 1

Lab Sample ID: 480-184959-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	0.070	J	0.24	0.046	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.029	J	0.24	0.024	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.058	J	0.24	0.030	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.071	J	0.24	0.021	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	0.067	J	0.24	0.014	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.15	J	0.24	0.024	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorododecanoic acid (PFDoA)	0.065	J	0.24	0.025	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorotridecanoic acid (PFTriA)	0.054	J	0.24	0.018	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorotetradecanoic acid (PFTeA)	0.031	J	0.24	0.027	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.011	J B	0.24	0.011	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.040	J B	0.24	0.017	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.59	B	0.24	0.019	ug/Kg	1	✱	537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CELL 1 (Continued)

Lab Sample ID: 480-184959-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	2250		12.1	5.3	mg/Kg	1	✱	6010C	Total/NA
Arsenic	1.3	J	2.4	0.48	mg/Kg	1	✱	6010C	Total/NA
Barium	18.4		0.60	0.13	mg/Kg	1	✱	6010C	Total/NA
Beryllium	0.11	J	0.24	0.034	mg/Kg	1	✱	6010C	Total/NA
Cadmium	0.15	J	0.24	0.036	mg/Kg	1	✱	6010C	Total/NA
Calcium	14600		60.4	4.0	mg/Kg	1	✱	6010C	Total/NA
Chromium	4.3		0.60	0.24	mg/Kg	1	✱	6010C	Total/NA
Cobalt	2.4		0.60	0.060	mg/Kg	1	✱	6010C	Total/NA
Copper	11.7		1.2	0.25	mg/Kg	1	✱	6010C	Total/NA
Iron	4990		12.1	4.2	mg/Kg	1	✱	6010C	Total/NA
Lead	3.3		1.2	0.29	mg/Kg	1	✱	6010C	Total/NA
Magnesium	6910		24.2	1.1	mg/Kg	1	✱	6010C	Total/NA
Manganese	207	B	0.24	0.039	mg/Kg	1	✱	6010C	Total/NA
Nickel	5.6	J	6.0	0.28	mg/Kg	1	✱	6010C	Total/NA
Potassium	548		36.3	24.2	mg/Kg	1	✱	6010C	Total/NA
Sodium	69.1	J B	169	15.7	mg/Kg	1	✱	6010C	Total/NA
Vanadium	6.5		0.60	0.13	mg/Kg	1	✱	6010C	Total/NA
Zinc	22.6		2.4	0.77	mg/Kg	1	✱	6010C	Total/NA
Mercury	0.023	J	0.025	0.010	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: PPI

Lab Sample ID: 480-184959-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	2.7	E B	0.20	0.10	ug/L	1		8270D SIM ID	Total/NA
Perfluorobutanoic acid (PFBA)	8.42	B	4.03	0.72	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	10.1		1.61	0.38	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	13.2		1.61	0.36	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	6.01	B	1.61	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	22.4		1.61	0.34	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.61	J	1.61	0.23	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	0.32	J B	1.61	0.25	ng/L	1		537 (modified)	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.30	J	1.61	0.28	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.98	B	1.61	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.14		1.61	0.24	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	0.34	J	1.61	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorodecanesulfonic acid (PFDS)	0.31	J	1.61	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	3.57	B	1.61	0.23	ng/L	1		537 (modified)	Total/NA
Barium	33.8		2.0	0.70	ug/L	1		6010C	Total/NA
Calcium	85300		500	100	ug/L	1		6010C	Total/NA
Copper	3.0	J	10.0	1.6	ug/L	1		6010C	Total/NA
Iron	705	B	50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	16500		200	43.4	ug/L	1		6010C	Total/NA
Manganese	165		3.0	0.40	ug/L	1		6010C	Total/NA
Nickel	3.1	J	10.0	1.3	ug/L	1		6010C	Total/NA
Potassium	2900		500	100	ug/L	1		6010C	Total/NA
Sodium	43200		1000	324	ug/L	1		6010C	Total/NA

Client Sample ID: PPI-SED

Lab Sample ID: 480-184959-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	17	J	58	4.3	ug/Kg	1	✱	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: PPI-SED (Continued)

Lab Sample ID: 480-184959-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	80		58	9.8	ug/Kg	1	✱	8260C	Total/NA
Perfluorohexanoic acid (PFHxA)	0.13	J	0.47	0.052	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.053	J	0.47	0.047	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.20	J	0.47	0.059	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	0.040	J	0.47	0.028	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.20	J	0.47	0.047	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorododecanoic acid (PFDoA)	0.091	J	0.47	0.049	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorotridecanoic acid (PFTriA)	0.12	J	0.47	0.035	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorotetradecanoic acid (PFTeA)	0.056	J	0.47	0.054	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.040	J B	0.47	0.022	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.065	J B	0.47	0.033	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.73	B	0.47	0.037	ug/Kg	1	✱	537 (modified)	Total/NA
Aluminum	5070		24.5	10.8	mg/Kg	1	✱	6010C	Total/NA
Arsenic	47.3		4.9	0.98	mg/Kg	1	✱	6010C	Total/NA
Barium	264		1.2	0.27	mg/Kg	1	✱	6010C	Total/NA
Beryllium	0.45	J	0.49	0.068	mg/Kg	1	✱	6010C	Total/NA
Cadmium	0.086	J	0.49	0.073	mg/Kg	1	✱	6010C	Total/NA
Calcium	9060		122	8.1	mg/Kg	1	✱	6010C	Total/NA
Chromium	7.8		1.2	0.49	mg/Kg	1	✱	6010C	Total/NA
Cobalt	10.3		1.2	0.12	mg/Kg	1	✱	6010C	Total/NA
Copper	9.4		2.4	0.51	mg/Kg	1	✱	6010C	Total/NA
Iron	126000		24.5	8.6	mg/Kg	1	✱	6010C	Total/NA
Lead	19.7		2.4	0.59	mg/Kg	1	✱	6010C	Total/NA
Magnesium	1910		48.9	2.3	mg/Kg	1	✱	6010C	Total/NA
Manganese	2920	B	0.49	0.078	mg/Kg	1	✱	6010C	Total/NA
Nickel	10.8	J	12.2	0.56	mg/Kg	1	✱	6010C	Total/NA
Potassium	576		73.4	48.9	mg/Kg	1	✱	6010C	Total/NA
Selenium	11.4		9.8	0.98	mg/Kg	1	✱	6010C	Total/NA
Sodium	293	J B	342	31.8	mg/Kg	1	✱	6010C	Total/NA
Vanadium	33.1		1.2	0.27	mg/Kg	1	✱	6010C	Total/NA
Zinc	69.9		4.9	1.6	mg/Kg	1	✱	6010C	Total/NA

Client Sample ID: TRIP BLANK-1

Lab Sample ID: 480-184959-17

No Detections.

Client Sample ID: MW-6

Lab Sample ID: 480-184959-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	1.4		1.0	0.84	ug/L	1		8260C	Total/NA
Benzene	1.8		1.0	0.41	ug/L	1		8260C	Total/NA
Chlorobenzene	14		1.0	0.75	ug/L	1		8260C	Total/NA
Chloroethane	0.47	J	1.0	0.32	ug/L	1		8260C	Total/NA
Cyclohexane	0.86	J	1.0	0.18	ug/L	1		8260C	Total/NA
Methyl tert-butyl ether	0.22	J	1.0	0.16	ug/L	1		8260C	Total/NA
Methylcyclohexane	0.25	J	1.0	0.16	ug/L	1		8260C	Total/NA
1,4-Dioxane	5.2	E B	0.20	0.10	ug/L	1		8270D SIM ID	Total/NA
PCB-1232	0.79		0.50	0.18	ug/L	1		8082A	Total/NA
Perfluorobutanoic acid (PFBA)	3.80	J B	4.22	0.75	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	3.90		1.69	0.40	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	6.97		1.69	0.38	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	3.50	B	1.69	0.20	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-6 (Continued)

Lab Sample ID: 480-184959-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	9.76		1.69	0.36	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.46	J	1.69	0.24	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.80	J B	1.69	0.21	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.18	J	1.69	0.26	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	11.2	B	1.69	0.25	ng/L	1		537 (modified)	Total/NA
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.81	J	4.22	0.63	ng/L	1		537 (modified)	Total/NA
Arsenic	10.7	J	15.0	5.6	ug/L	1		6010C	Total/NA
Barium	25.4		2.0	0.70	ug/L	1		6010C	Total/NA
Calcium	74000		500	100	ug/L	1		6010C	Total/NA
Cobalt	19.6		4.0	0.63	ug/L	1		6010C	Total/NA
Iron	100000	B	50.0	19.3	ug/L	1		6010C	Total/NA
Lead	5.8	J	10.0	3.0	ug/L	1		6010C	Total/NA
Magnesium	13700		200	43.4	ug/L	1		6010C	Total/NA
Manganese	920		3.0	0.40	ug/L	1		6010C	Total/NA
Nickel	5.6	J	10.0	1.3	ug/L	1		6010C	Total/NA
Potassium	4910		500	100	ug/L	1		6010C	Total/NA
Sodium	5260		1000	324	ug/L	1		6010C	Total/NA
Vanadium	1.8	J	5.0	1.5	ug/L	1		6010C	Total/NA
Total Dissolved Solids	423		10.0	4.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	47.2		4.0	4.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: MW-6A

Lab Sample ID: 480-184959-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	4.3		1.0	0.41	ug/L	1		8260C	Total/NA
1,3-Dichlorobenzene	2.6		1.0	0.78	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	2.6		1.0	0.84	ug/L	1		8260C	Total/NA
Chlorobenzene	2.5		1.0	0.75	ug/L	1		8260C	Total/NA
Chloroethane	0.71	J	1.0	0.32	ug/L	1		8260C	Total/NA
1,4-Dioxane	4.4	E B	0.20	0.10	ug/L	1		8270D SIM ID	Total/NA
Perfluorobutanoic acid (PFBA)	5.60	B	4.40	0.79	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	4.76		1.76	0.42	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	8.69		1.76	0.40	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	4.17	B	1.76	0.21	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	13.4		1.76	0.37	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.71	J	1.76	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	0.46	J B	1.76	0.27	ng/L	1		537 (modified)	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.35	J	1.76	0.30	ng/L	1		537 (modified)	Total/NA
Perfluorododecanoic acid (PFDoA)	0.40	J	1.76	0.34	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.35	J B	1.76	0.22	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.47		1.76	0.27	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	0.56	J	1.76	0.21	ng/L	1		537 (modified)	Total/NA
Perfluorodecanesulfonic acid (PFDS)	0.32	J	1.76	0.27	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	6.56	B	1.76	0.26	ng/L	1		537 (modified)	Total/NA
8:2 FTS	0.34	J	1.76	0.34	ng/L	1		537 (modified)	Total/NA
Arsenic	7.9	J	15.0	5.6	ug/L	1		6010C	Total/NA
Barium	95.4		2.0	0.70	ug/L	1		6010C	Total/NA
Cadmium	0.53	J	2.0	0.50	ug/L	1		6010C	Total/NA
Calcium	103000		500	100	ug/L	1		6010C	Total/NA
Cobalt	1.5	J	4.0	0.63	ug/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-6A (Continued)

Lab Sample ID: 480-184959-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	13900	B	50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	37700		200	43.4	ug/L	1		6010C	Total/NA
Manganese	1290		3.0	0.40	ug/L	1		6010C	Total/NA
Nickel	7.8	J	10.0	1.3	ug/L	1		6010C	Total/NA
Potassium	7470		500	100	ug/L	1		6010C	Total/NA
Sodium	31800		1000	324	ug/L	1		6010C	Total/NA
Zinc	11.8		10.0	1.5	ug/L	1		6010C	Total/NA
Total Dissolved Solids	516		10.0	4.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	36.8		4.0	4.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: MW-6B

Lab Sample ID: 480-184959-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.15	J B	0.20	0.10	ug/L	1		8270D SIM ID	Total/NA
Perfluorobutanoic acid (PFBA)	2.12	J B	4.21	0.75	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	1.51	J	1.69	0.40	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	2.52		1.69	0.38	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.68	J B	1.69	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.90	J	1.69	0.36	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.46	J B	1.69	0.21	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.37	J	1.69	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.99	J B	1.69	0.25	ng/L	1		537 (modified)	Total/NA
Aluminum	174	J	200	60.0	ug/L	1		6010C	Total/NA
Arsenic	11.4	J	15.0	5.6	ug/L	1		6010C	Total/NA
Barium	7.6		2.0	0.70	ug/L	1		6010C	Total/NA
Cadmium	0.58	J	2.0	0.50	ug/L	1		6010C	Total/NA
Calcium	8730		500	100	ug/L	1		6010C	Total/NA
Iron	816	B	50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	1410		200	43.4	ug/L	1		6010C	Total/NA
Manganese	20.7		3.0	0.40	ug/L	1		6010C	Total/NA
Nickel	1.4	J	10.0	1.3	ug/L	1		6010C	Total/NA
Potassium	880		500	100	ug/L	1		6010C	Total/NA
Sodium	41800		1000	324	ug/L	1		6010C	Total/NA
Zinc	30.1		10.0	1.5	ug/L	1		6010C	Total/NA
Total Dissolved Solids	178		10.0	4.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	10.0		4.0	4.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: MW-7

Lab Sample ID: 480-184959-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	5.32	B	4.06	0.73	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	0.41	J	1.63	0.37	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.46	J B	1.63	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	3.36		1.63	0.34	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.29	J B	1.63	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.25	J	1.63	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.70	J B	1.63	0.24	ng/L	1		537 (modified)	Total/NA
Barium	19.9		2.0	0.70	ug/L	1		6010C	Total/NA
Calcium	42100		500	100	ug/L	1		6010C	Total/NA
Cobalt	14.1		4.0	0.63	ug/L	1		6010C	Total/NA
Iron	146000	B	50.0	19.3	ug/L	1		6010C	Total/NA
Lead	5.8	J	10.0	3.0	ug/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-7 (Continued)

Lab Sample ID: 480-184959-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	9770		200	43.4	ug/L	1		6010C	Total/NA
Manganese	2940		3.0	0.40	ug/L	1		6010C	Total/NA
Nickel	2.9	J	10.0	1.3	ug/L	1		6010C	Total/NA
Potassium	1410		500	100	ug/L	1		6010C	Total/NA
Sodium	2920		1000	324	ug/L	1		6010C	Total/NA
Zinc	2.0	J	10.0	1.5	ug/L	1		6010C	Total/NA
Total Dissolved Solids	397		10.0	4.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	85.2		4.0	4.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: MW-1D

Lab Sample ID: 480-184959-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.84	J B	4.19	0.75	ng/L	1		537 (modified)	Total/NA
Barium	517		2.0	0.70	ug/L	1		6010C	Total/NA
Calcium	21000		500	100	ug/L	1		6010C	Total/NA
Iron	169	B	50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	4930		200	43.4	ug/L	1		6010C	Total/NA
Manganese	19.4		3.0	0.40	ug/L	1		6010C	Total/NA
Potassium	2880		500	100	ug/L	1		6010C	Total/NA
Sodium	44300		1000	324	ug/L	1		6010C	Total/NA
Zinc	4.4	J	10.0	1.5	ug/L	1		6010C	Total/NA
Total Dissolved Solids	212		10.0	4.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: DUP-SED

Lab Sample ID: 480-184959-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	29	J	46	7.7	ug/Kg	1	✱	8260C	Total/NA
Perfluorohexanoic acid (PFHxA)	0.046	J	0.35	0.039	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.055	J	0.35	0.044	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.044	J	0.35	0.035	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.034	J B	0.35	0.025	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.21	J B	0.35	0.028	ug/Kg	1	✱	537 (modified)	Total/NA
Aluminum	3180		19.1	8.4	mg/Kg	1	✱	6010C	Total/NA
Arsenic	23.7		3.8	0.76	mg/Kg	1	✱	6010C	Total/NA
Barium	133		0.95	0.21	mg/Kg	1	✱	6010C	Total/NA
Beryllium	0.23	J	0.38	0.053	mg/Kg	1	✱	6010C	Total/NA
Cadmium	0.069	J	0.38	0.057	mg/Kg	1	✱	6010C	Total/NA
Calcium	5570		95.4	6.3	mg/Kg	1	✱	6010C	Total/NA
Chromium	4.2		0.95	0.38	mg/Kg	1	✱	6010C	Total/NA
Cobalt	4.9		0.95	0.095	mg/Kg	1	✱	6010C	Total/NA
Copper	4.4		1.9	0.40	mg/Kg	1	✱	6010C	Total/NA
Iron	66400		19.1	6.7	mg/Kg	1	✱	6010C	Total/NA
Lead	9.9		1.9	0.46	mg/Kg	1	✱	6010C	Total/NA
Magnesium	1200		38.1	1.8	mg/Kg	1	✱	6010C	Total/NA
Manganese	1550	B	0.38	0.061	mg/Kg	1	✱	6010C	Total/NA
Nickel	6.4	J	9.5	0.44	mg/Kg	1	✱	6010C	Total/NA
Potassium	342		57.2	38.1	mg/Kg	1	✱	6010C	Total/NA
Selenium	5.6	J	7.6	0.76	mg/Kg	1	✱	6010C	Total/NA
Sodium	198	J B	267	24.8	mg/Kg	1	✱	6010C	Total/NA
Vanadium	19.2		0.95	0.21	mg/Kg	1	✱	6010C	Total/NA
Zinc	40.0		3.8	1.2	mg/Kg	1	✱	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: DUP-SW

Lab Sample ID: 480-184959-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	2.6	E B	0.20	0.10	ug/L	1		8270D SIM ID	Total/NA
Perfluorobutanoic acid (PFBA)	8.11	B	4.15	0.74	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	9.67		1.66	0.39	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	13.6		1.66	0.37	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	5.96	B	1.66	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	21.9		1.66	0.35	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.33	J	1.66	0.23	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.82	B	1.66	0.21	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.78		1.66	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	3.79	B	1.66	0.24	ng/L	1		537 (modified)	Total/NA
Barium	33.8		2.0	0.70	ug/L	1		6010C	Total/NA
Calcium	84300		500	100	ug/L	1		6010C	Total/NA
Copper	2.6	J	10.0	1.6	ug/L	1		6010C	Total/NA
Iron	695	B	50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	16500		200	43.4	ug/L	1		6010C	Total/NA
Manganese	165		3.0	0.40	ug/L	1		6010C	Total/NA
Nickel	2.9	J	10.0	1.3	ug/L	1		6010C	Total/NA
Potassium	2700		500	100	ug/L	1		6010C	Total/NA
Sodium	42800		1000	324	ug/L	1		6010C	Total/NA

Client Sample ID: MW-5

Lab Sample ID: 480-185032-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	140		100	30	ug/L	10		8260C	Total/NA
Methylcyclohexane	1.6	J	10	1.6	ug/L	10		8260C	Total/NA
Vinyl chloride	320		10	9.0	ug/L	10		8260C	Total/NA
1,4-Dioxane	68	E B	5.1	2.6	ug/L	20		8270D SIM ID	Total/NA
Perfluorobutanoic acid (PFBA)	19.3	B	4.18	0.75	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	56.3		1.67	0.40	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	103	B	1.67	0.38	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	45.6	B	1.67	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	141		1.67	0.35	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	1.08	J B	1.67	0.24	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	0.28	J B	1.67	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	5.75	B	1.67	0.21	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	22.7	B	1.67	0.25	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	1.78	B	1.67	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	80.7	B	1.67	0.24	ng/L	1		537 (modified)	Total/NA
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.04	J	4.18	0.62	ng/L	1		537 (modified)	Total/NA
6:2 FTS	1.18	J	4.18	0.92	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MW-11

Lab Sample ID: 480-185032-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	4.56	B	4.52	0.81	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	1.02	J	1.81	0.43	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	1.12	J B	1.81	0.41	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.74	J B	1.81	0.22	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	1.60	J	1.81	0.38	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.71	J B	1.81	0.23	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-11 (Continued)

Lab Sample ID: 480-185032-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	0.45	J B	1.81	0.26	ng/L	1		537 (modified)	Total/NA
Aluminum	345		200	60.0	ug/L	1		6010C	Total/NA
Barium	52.6		2.0	0.70	ug/L	1		6010C	Total/NA
Calcium	64500		500	100	ug/L	1		6010C	Total/NA
Copper	14.9		10.0	1.6	ug/L	1		6010C	Total/NA
Iron	260	B	50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	15300		200	43.4	ug/L	1		6010C	Total/NA
Manganese	28.6	B	3.0	0.40	ug/L	1		6010C	Total/NA
Potassium	1520		500	100	ug/L	1		6010C	Total/NA
Sodium	19400		1000	324	ug/L	1		6010C	Total/NA

Client Sample ID: MW-16

Lab Sample ID: 480-185032-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.84	B	0.19	0.095	ug/L	1		8270D SIM ID	Total/NA
Perfluorobutanoic acid (PFBA)	33.3	B	3.90	0.70	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	134		1.56	0.37	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	104	B	1.56	0.35	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	66.5	B	1.56	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	63.2		1.56	0.33	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	1.86	B	1.56	0.22	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.18	B	1.56	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	21.7	B	1.56	0.24	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	1.33	J B	1.56	0.18	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	14.8	B	1.56	0.23	ng/L	1		537 (modified)	Total/NA
8:2 FTS	2.11		1.56	0.30	ng/L	1		537 (modified)	Total/NA
6:2 FTS - DL	881		19.5	4.28	ng/L	5		537 (modified)	Total/NA
Aluminum	185	J	200	60.0	ug/L	1		6010C	Total/NA
Barium	69.6		2.0	0.70	ug/L	1		6010C	Total/NA
Beryllium	0.33	J	2.0	0.30	ug/L	1		6010C	Total/NA
Cadmium	0.57	J	2.0	0.50	ug/L	1		6010C	Total/NA
Calcium	122000		500	100	ug/L	1		6010C	Total/NA
Cobalt	3.0	J	4.0	0.63	ug/L	1		6010C	Total/NA
Iron	172	B	50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	68300		200	43.4	ug/L	1		6010C	Total/NA
Manganese	1990	B	3.0	0.40	ug/L	1		6010C	Total/NA
Nickel	6.6	J	10.0	1.3	ug/L	1		6010C	Total/NA
Potassium	1250		500	100	ug/L	1		6010C	Total/NA
Sodium	31700		1000	324	ug/L	1		6010C	Total/NA
Zinc	1.6	J	10.0	1.5	ug/L	1		6010C	Total/NA
Total Dissolved Solids	681		10.0	4.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	20.0		4.0	4.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: Unnamed Pond-SW

Lab Sample ID: 480-185032-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.6	J	10	3.0	ug/L	1		8260C	Total/NA
1,4-Dioxane	10	E B	0.95	0.48	ug/L	5		8270D SIM ID	Total/NA
Perfluorobutanoic acid (PFBA)	16.8	B	4.08	0.73	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	23.7		1.63	0.39	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	40.0	B	1.63	0.37	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: Unnamed Pond-SW (Continued)

Lab Sample ID: 480-185032-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	19.7	B	1.63	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	87.9		1.63	0.35	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.74	J B	1.63	0.23	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.95	B	1.63	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	7.95	B	1.63	0.25	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	0.63	J B	1.63	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	28.7	B	1.63	0.24	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonamide (FOSA)	0.58	J	1.63	0.47	ng/L	1		537 (modified)	Total/NA
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	8.16		4.08	0.61	ng/L	1		537 (modified)	Total/NA
6:2 FTS	2.08	J	4.08	0.90	ng/L	1		537 (modified)	Total/NA
Aluminum	74.9	J	200	60.0	ug/L	1		6010C	Total/NA
Barium	29.7		2.0	0.70	ug/L	1		6010C	Total/NA
Calcium	52100		500	100	ug/L	1		6010C	Total/NA
Iron	2590	B	50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	21700		200	43.4	ug/L	1		6010C	Total/NA
Manganese	133	B	3.0	0.40	ug/L	1		6010C	Total/NA
Nickel	4.0	J	10.0	1.3	ug/L	1		6010C	Total/NA
Potassium	3720		500	100	ug/L	1		6010C	Total/NA
Sodium	50400		1000	324	ug/L	1		6010C	Total/NA
Zinc	1.5	J	10.0	1.5	ug/L	1		6010C	Total/NA

Client Sample ID: Unnamed Pond-SED

Lab Sample ID: 480-185032-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	24	J	43	7.2	ug/Kg	1	✱	8260C	Total/NA
Perfluorobutanoic acid (PFBA)	0.41	J	0.88	0.28	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	0.11	J	0.35	0.068	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	0.19	J	0.35	0.039	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.064	J	0.35	0.035	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.37		0.35	0.044	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	0.024	J	0.35	0.021	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.040	J	0.35	0.035	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorododecanoic acid (PFDoA)	0.039	J	0.35	0.037	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorotridecanoic acid (PFTriA)	0.032	J	0.35	0.026	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.048	J B	0.35	0.016	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.12	J	0.35	0.025	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.68		0.35	0.028	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorooctanesulfonamide (PFOSA)	0.14	J	0.35	0.030	ug/Kg	1	✱	537 (modified)	Total/NA
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.074	J	3.51	0.065	ug/Kg	1	✱	537 (modified)	Total/NA
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.38	J	3.51	0.081	ug/Kg	1	✱	537 (modified)	Total/NA
Aluminum	5230		17.6	7.7	mg/Kg	1	✱	6010C	Total/NA
Arsenic	1.3	J	3.5	0.70	mg/Kg	1	✱	6010C	Total/NA
Barium	24.6		0.88	0.19	mg/Kg	1	✱	6010C	Total/NA
Beryllium	0.21	J	0.35	0.049	mg/Kg	1	✱	6010C	Total/NA
Cadmium	0.055	J	0.35	0.053	mg/Kg	1	✱	6010C	Total/NA
Calcium	7230		88.0	5.8	mg/Kg	1	✱	6010C	Total/NA
Chromium	5.8		0.88	0.35	mg/Kg	1	✱	6010C	Total/NA
Cobalt	2.8		0.88	0.088	mg/Kg	1	✱	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: Unnamed Pond-SED (Continued)

Lab Sample ID: 480-185032-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	2.0		1.8	0.37	mg/Kg	1	✱	6010C	Total/NA
Iron	10600		17.6	6.2	mg/Kg	1	✱	6010C	Total/NA
Lead	3.7		1.8	0.42	mg/Kg	1	✱	6010C	Total/NA
Magnesium	1020		35.2	1.6	mg/Kg	1	✱	6010C	Total/NA
Manganese	92.0	B	0.35	0.056	mg/Kg	1	✱	6010C	Total/NA
Nickel	3.0	J	8.8	0.40	mg/Kg	1	✱	6010C	Total/NA
Potassium	382		52.8	35.2	mg/Kg	1	✱	6010C	Total/NA
Sodium	260	B	246	22.9	mg/Kg	1	✱	6010C	Total/NA
Vanadium	15.4		0.88	0.19	mg/Kg	1	✱	6010C	Total/NA
Zinc	12.7		3.5	1.1	mg/Kg	1	✱	6010C	Total/NA

Client Sample ID: GFFC-1-SW

Lab Sample ID: 480-185032-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	1.28	J B	4.31	0.77	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	0.53	J	1.73	0.41	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	0.61	J B	1.73	0.39	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.42	J B	1.73	0.21	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.96	J	1.73	0.37	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.42	J B	1.73	0.22	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.40	J B	1.73	0.26	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.64	J B	1.73	0.25	ng/L	1		537 (modified)	Total/NA
Aluminum	147	J	200	60.0	ug/L	1		6010C	Total/NA
Barium	7.8		2.0	0.70	ug/L	1		6010C	Total/NA
Calcium	8990		500	100	ug/L	1		6010C	Total/NA
Iron	248	B	50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	1540		200	43.4	ug/L	1		6010C	Total/NA
Manganese	21.3	B	3.0	0.40	ug/L	1		6010C	Total/NA
Potassium	359	J	500	100	ug/L	1		6010C	Total/NA
Sodium	9400		1000	324	ug/L	1		6010C	Total/NA
Zinc	3.4	J	10.0	1.5	ug/L	1		6010C	Total/NA

Client Sample ID: GFFC-1-SED

Lab Sample ID: 480-185032-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	28	J	42	7.0	ug/Kg	1	✱	8260C	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.023	J	0.34	0.023	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.080	J	0.34	0.027	ug/Kg	1	✱	537 (modified)	Total/NA
Aluminum	2580		16.8	7.4	mg/Kg	1	✱	6010C	Total/NA
Arsenic	1.8	J	3.4	0.67	mg/Kg	1	✱	6010C	Total/NA
Barium	27.0		0.84	0.18	mg/Kg	1	✱	6010C	Total/NA
Beryllium	0.15	J	0.34	0.047	mg/Kg	1	✱	6010C	Total/NA
Calcium	1640		83.8	5.5	mg/Kg	1	✱	6010C	Total/NA
Chromium	3.9		0.84	0.34	mg/Kg	1	✱	6010C	Total/NA
Cobalt	1.7		0.84	0.084	mg/Kg	1	✱	6010C	Total/NA
Copper	6.7		1.7	0.35	mg/Kg	1	✱	6010C	Total/NA
Iron	4370		16.8	5.9	mg/Kg	1	✱	6010C	Total/NA
Lead	74.8		1.7	0.40	mg/Kg	1	✱	6010C	Total/NA
Magnesium	691		33.5	1.6	mg/Kg	1	✱	6010C	Total/NA
Manganese	94.8	B	0.34	0.054	mg/Kg	1	✱	6010C	Total/NA
Nickel	2.3	J	8.4	0.39	mg/Kg	1	✱	6010C	Total/NA
Potassium	407		50.3	33.5	mg/Kg	1	✱	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: GFFC-1-SED (Continued)

Lab Sample ID: 480-185032-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	203	J B	235	21.8	mg/Kg	1	✱	6010C	Total/NA
Vanadium	7.0		0.84	0.18	mg/Kg	1	✱	6010C	Total/NA
Zinc	19.3		3.4	1.1	mg/Kg	1	✱	6010C	Total/NA
Mercury	0.49		0.030	0.012	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: GFFC-2-SW

Lab Sample ID: 480-185032-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	1.10	J B	4.06	0.72	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	0.61	J	1.62	0.38	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	0.44	J B	1.62	0.37	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.39	J B	1.62	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.85	J	1.62	0.34	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.55	J B	1.62	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.33	J B	1.62	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.72	J B	1.62	0.24	ng/L	1		537 (modified)	Total/NA
Aluminum	126	J	200	60.0	ug/L	1		6010C	Total/NA
Barium	7.8		2.0	0.70	ug/L	1		6010C	Total/NA
Calcium	9190		500	100	ug/L	1		6010C	Total/NA
Chromium	2.9	J	4.0	1.0	ug/L	1		6010C	Total/NA
Iron	252	B	50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	1580		200	43.4	ug/L	1		6010C	Total/NA
Manganese	20.4	B	3.0	0.40	ug/L	1		6010C	Total/NA
Potassium	322	J	500	100	ug/L	1		6010C	Total/NA
Sodium	9520		1000	324	ug/L	1		6010C	Total/NA
Zinc	2.4	J	10.0	1.5	ug/L	1		6010C	Total/NA

Client Sample ID: GFFC-2-SED

Lab Sample ID: 480-185032-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	13	J	36	6.0	ug/Kg	1	✱	8260C	Total/NA
Perfluorooctanoic acid (PFOA)	0.040	J	0.29	0.037	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.030	J	0.29	0.029	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorododecanoic acid (PFDoA)	0.046	J	0.29	0.031	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorotridecanoic acid (PFTriA)	0.043	J	0.29	0.022	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorotetradecanoic acid (PFTeA)	0.041	J	0.29	0.034	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.96		0.29	0.023	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorodecanesulfonic acid (PFDS)	0.025	J	0.29	0.018	ug/Kg	1	✱	537 (modified)	Total/NA
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.068	J	2.92	0.054	ug/Kg	1	✱	537 (modified)	Total/NA
Aluminum	8370		15.2	6.7	mg/Kg	1	✱	6010C	Total/NA
Arsenic	4.5		3.0	0.61	mg/Kg	1	✱	6010C	Total/NA
Barium	112		0.76	0.17	mg/Kg	1	✱	6010C	Total/NA
Beryllium	0.44		0.30	0.042	mg/Kg	1	✱	6010C	Total/NA
Cadmium	0.27	J	0.30	0.045	mg/Kg	1	✱	6010C	Total/NA
Calcium	7640		75.8	5.0	mg/Kg	1	✱	6010C	Total/NA
Chromium	15.8		0.76	0.30	mg/Kg	1	✱	6010C	Total/NA
Cobalt	9.8		0.76	0.076	mg/Kg	1	✱	6010C	Total/NA
Copper	9.9		1.5	0.32	mg/Kg	1	✱	6010C	Total/NA
Iron	22300		15.2	5.3	mg/Kg	1	✱	6010C	Total/NA
Lead	23.6		1.5	0.36	mg/Kg	1	✱	6010C	Total/NA
Magnesium	3250		30.3	1.4	mg/Kg	1	✱	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: GFFC-2-SED (Continued)

Lab Sample ID: 480-185032-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	3060	B	0.30	0.049	mg/Kg	1	✱	6010C	Total/NA
Nickel	13.4		7.6	0.35	mg/Kg	1	✱	6010C	Total/NA
Potassium	1490		45.5	30.3	mg/Kg	1	✱	6010C	Total/NA
Selenium	1.6	J	6.1	0.61	mg/Kg	1	✱	6010C	Total/NA
Silver	0.77	J	0.91	0.30	mg/Kg	1	✱	6010C	Total/NA
Sodium	273	B	212	19.7	mg/Kg	1	✱	6010C	Total/NA
Thallium	0.79	J	9.1	0.45	mg/Kg	1	✱	6010C	Total/NA
Vanadium	21.7		0.76	0.17	mg/Kg	1	✱	6010C	Total/NA
Zinc	74.8		3.0	0.97	mg/Kg	1	✱	6010C	Total/NA
Mercury	0.067		0.028	0.011	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: GFFC-3-SW

Lab Sample ID: 480-185032-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	1.05	J B	4.23	0.75	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	0.39	J B	1.69	0.38	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.35	J B	1.69	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.52	J	1.69	0.36	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.49	J B	1.69	0.21	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.34	J B	1.69	0.26	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.57	J B	1.69	0.25	ng/L	1		537 (modified)	Total/NA
Aluminum	146	J	200	60.0	ug/L	1		6010C	Total/NA
Barium	7.8		2.0	0.70	ug/L	1		6010C	Total/NA
Calcium	9270		500	100	ug/L	1		6010C	Total/NA
Iron	267	B	50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	1540		200	43.4	ug/L	1		6010C	Total/NA
Manganese	21.6	B	3.0	0.40	ug/L	1		6010C	Total/NA
Potassium	375	J	500	100	ug/L	1		6010C	Total/NA
Sodium	9120		1000	324	ug/L	1		6010C	Total/NA
Zinc	3.0	J	10.0	1.5	ug/L	1		6010C	Total/NA

Client Sample ID: GFFC-3-SED

Lab Sample ID: 480-185032-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	28	J	49	3.6	ug/Kg	1	✱	8260C	Total/NA
Acetone	120		49	8.2	ug/Kg	1	✱	8260C	Total/NA
Perfluorohexanoic acid (PFHxA)	0.11	J	0.40	0.044	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.043	J	0.40	0.040	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.081	J	0.40	0.050	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.075	J	0.40	0.040	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorododecanoic acid (PFDoA)	0.10	J	0.40	0.042	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorotridecanoic acid (PFTriA)	0.10	J	0.40	0.030	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorotetradecanoic acid (PFTeA)	0.069	J	0.40	0.046	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.031	J B	0.40	0.018	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.18	J	0.40	0.028	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.43		0.40	0.032	ug/Kg	1	✱	537 (modified)	Total/NA
Perfluorodecanesulfonic acid (PFDS)	0.056	J	0.40	0.024	ug/Kg	1	✱	537 (modified)	Total/NA
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.16	J	3.96	0.073	ug/Kg	1	✱	537 (modified)	Total/NA
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.15	J	3.96	0.091	ug/Kg	1	✱	537 (modified)	Total/NA
Aluminum	14000		20.4	9.0	mg/Kg	1	✱	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: GFFC-3-SED (Continued)

Lab Sample ID: 480-185032-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	12.2		4.1	0.82	mg/Kg	1	✱	6010C	Total/NA
Barium	246		1.0	0.22	mg/Kg	1	✱	6010C	Total/NA
Beryllium	0.70		0.41	0.057	mg/Kg	1	✱	6010C	Total/NA
Cadmium	0.57		0.41	0.061	mg/Kg	1	✱	6010C	Total/NA
Calcium	13300		102	6.7	mg/Kg	1	✱	6010C	Total/NA
Chromium	28.7		1.0	0.41	mg/Kg	1	✱	6010C	Total/NA
Cobalt	20.3		1.0	0.10	mg/Kg	1	✱	6010C	Total/NA
Copper	18.1		2.0	0.43	mg/Kg	1	✱	6010C	Total/NA
Iron	46400		20.4	7.2	mg/Kg	1	✱	6010C	Total/NA
Lead	40.1		2.0	0.49	mg/Kg	1	✱	6010C	Total/NA
Magnesium	5810		40.9	1.9	mg/Kg	1	✱	6010C	Total/NA
Manganese	8480	B	0.41	0.065	mg/Kg	1	✱	6010C	Total/NA
Nickel	25.9		10.2	0.47	mg/Kg	1	✱	6010C	Total/NA
Potassium	3040		61.3	40.9	mg/Kg	1	✱	6010C	Total/NA
Selenium	4.4	J	8.2	0.82	mg/Kg	1	✱	6010C	Total/NA
Silver	1.4		1.2	0.41	mg/Kg	1	✱	6010C	Total/NA
Sodium	391	B	286	26.6	mg/Kg	1	✱	6010C	Total/NA
Thallium	3.4	J	12.3	0.61	mg/Kg	1	✱	6010C	Total/NA
Vanadium	34.4		1.0	0.22	mg/Kg	1	✱	6010C	Total/NA
Zinc	139		4.1	1.3	mg/Kg	1	✱	6010C	Total/NA
Mercury	0.17		0.038	0.016	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: Trip Blank-3

Lab Sample ID: 480-185032-12

No Detections.

Client Sample ID: MW-1

Lab Sample ID: 480-185032-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	2.80	J B	4.19	0.75	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	3.14		1.68	0.40	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	4.56	B	1.68	0.38	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	4.45	B	1.68	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	10.4		1.68	0.36	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.44	B	1.68	0.21	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.77	B	1.68	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	5.31	B	1.68	0.24	ng/L	1		537 (modified)	Total/NA
Barium	19.2		2.0	0.70	ug/L	1		6010C	Total/NA
Calcium	42500		500	100	ug/L	1		6010C	Total/NA
Chromium	1.2	J	4.0	1.0	ug/L	1		6010C	Total/NA
Iron	73.9	B	50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	8740		200	43.4	ug/L	1		6010C	Total/NA
Manganese	2.1	J B	3.0	0.40	ug/L	1		6010C	Total/NA
Potassium	913		500	100	ug/L	1		6010C	Total/NA
Sodium	41200		1000	324	ug/L	1		6010C	Total/NA
Total Dissolved Solids	306		10.0	4.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-2A

Lab Sample ID: 480-185032-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.14	J B	0.19	0.095	ug/L	1		8270D SIM ID	Total/NA
Perfluorobutanoic acid (PFBA)	2.88	J B	4.38	0.78	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	4.68		1.75	0.42	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-2A (Continued)

Lab Sample ID: 480-185032-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	4.98	B	1.75	0.40	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	1.57	J B	1.75	0.21	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	3.82		1.75	0.37	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	3.33	B	1.75	0.22	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.83	J B	1.75	0.26	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.63	J B	1.75	0.26	ng/L	1		537 (modified)	Total/NA
Barium	64.0		2.0	0.70	ug/L	1		6010C	Total/NA
Calcium	40900		500	100	ug/L	1		6010C	Total/NA
Iron	6400	B	50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	13600		200	43.4	ug/L	1		6010C	Total/NA
Manganese	304	B	3.0	0.40	ug/L	1		6010C	Total/NA
Potassium	1310		500	100	ug/L	1		6010C	Total/NA
Sodium	38700		1000	324	ug/L	1		6010C	Total/NA
Total Dissolved Solids	323		10.0	4.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	8.0		4.0	4.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: MW-1A

Lab Sample ID: 480-185032-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.96	J B	4.16	0.74	ng/L	1		537 (modified)	Total/NA
Aluminum	116	J	200	60.0	ug/L	1		6010C	Total/NA
Arsenic	7.6	J	15.0	5.6	ug/L	1		6010C	Total/NA
Barium	7.9		2.0	0.70	ug/L	1		6010C	Total/NA
Calcium	12800		500	100	ug/L	1		6010C	Total/NA
Iron	24.4	J B	50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	1370		200	43.4	ug/L	1		6010C	Total/NA
Manganese	9.9	B	3.0	0.40	ug/L	1		6010C	Total/NA
Potassium	430	J	500	100	ug/L	1		6010C	Total/NA
Sodium	20000		1000	324	ug/L	1		6010C	Total/NA
Total Dissolved Solids	126		10.0	4.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: DUP-MW

Lab Sample ID: 480-185032-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	80.8	J	200	60.0	ug/L	1		6010C	Total/NA
Arsenic	9.6	J	15.0	5.6	ug/L	1		6010C	Total/NA
Barium	7.9		2.0	0.70	ug/L	1		6010C	Total/NA
Calcium	12800		500	100	ug/L	1		6010C	Total/NA
Iron	21.7	J B	50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	1390		200	43.4	ug/L	1		6010C	Total/NA
Manganese	10	B	3.0	0.40	ug/L	1		6010C	Total/NA
Potassium	398	J	500	100	ug/L	1		6010C	Total/NA
Sodium	20000		1000	324	ug/L	1		6010C	Total/NA
Total Dissolved Solids	121		10.0	4.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-2

Lab Sample ID: 480-185032-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	5.96	B	4.16	0.74	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	1.15	J	1.66	0.39	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	2.21	B	1.66	0.38	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	2.38	B	1.66	0.20	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-2 (Continued)

Lab Sample ID: 480-185032-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	26.9		1.66	0.35	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.69	J B	1.66	0.23	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.69	B	1.66	0.21	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.44	J B	1.66	0.25	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	0.55	J B	1.66	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	30.7	B	1.66	0.24	ng/L	1		537 (modified)	Total/NA
Barium	22.3		2.0	0.70	ug/L	1		6010C	Total/NA
Calcium	142000		500	100	ug/L	1		6010C	Total/NA
Iron	14700	B	50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	23200		200	43.4	ug/L	1		6010C	Total/NA
Manganese	1270	B	3.0	0.40	ug/L	1		6010C	Total/NA
Potassium	1120		500	100	ug/L	1		6010C	Total/NA
Sodium	17200		1000	324	ug/L	1		6010C	Total/NA
Zinc	1.6	J	10.0	1.5	ug/L	1		6010C	Total/NA
Total Dissolved Solids	510		10.0	4.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	16.8		4.0	4.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: EB-1

Lab Sample ID: 480-185032-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.55	J	1.0	0.44	ug/L	1		8260C	Total/NA
Manganese	0.63	J B	3.0	0.40	ug/L	1		6010C	Total/NA

Client Sample ID: FB-1

Lab Sample ID: 480-185032-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.1	J	10	3.0	ug/L	1		8260C	Total/NA
Methylene Chloride	1.0		1.0	0.44	ug/L	1		8260C	Total/NA

Client Sample ID: MW-14A

Lab Sample ID: 480-185032-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	0.50	J B	1.77	0.26	ng/L	1		537 (modified)	Total/NA
Aluminum	71.9	J	200	60.0	ug/L	1		6010C	Total/NA
Barium	48.5		2.0	0.70	ug/L	1		6010C	Total/NA
Calcium	24500		500	100	ug/L	1		6010C	Total/NA
Copper	2.0	J	10.0	1.6	ug/L	1		6010C	Total/NA
Iron	50.8	B	50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	10500		200	43.4	ug/L	1		6010C	Total/NA
Manganese	24.3	B	3.0	0.40	ug/L	1		6010C	Total/NA
Potassium	4220		500	100	ug/L	1		6010C	Total/NA
Sodium	60200		1000	324	ug/L	1		6010C	Total/NA
Vanadium	2.4	J	5.0	1.5	ug/L	1		6010C	Total/NA
Zinc	4.5	J	10.0	1.5	ug/L	1		6010C	Total/NA
Total Dissolved Solids	253		10.0	4.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-14B

Lab Sample ID: 480-185032-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	0.93	J B	1.75	0.25	ng/L	1		537 (modified)	Total/NA
Aluminum	884		200	60.0	ug/L	1		6010C	Total/NA
Arsenic	9.6	J	15.0	5.6	ug/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-14B (Continued)

Lab Sample ID: 480-185032-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	27.8		2.0	0.70	ug/L	1		6010C	Total/NA
Calcium	4810		500	100	ug/L	1		6010C	Total/NA
Cobalt	0.71	J	4.0	0.63	ug/L	1		6010C	Total/NA
Copper	2.8	J	10.0	1.6	ug/L	1		6010C	Total/NA
Iron	691	B	50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	998		200	43.4	ug/L	1		6010C	Total/NA
Manganese	19.2	B	3.0	0.40	ug/L	1		6010C	Total/NA
Nickel	2.6	J	10.0	1.3	ug/L	1		6010C	Total/NA
Potassium	20800		500	100	ug/L	1		6010C	Total/NA
Sodium	64300		1000	324	ug/L	1		6010C	Total/NA
Vanadium	9.0		5.0	1.5	ug/L	1		6010C	Total/NA
Zinc	4.7	J	10.0	1.5	ug/L	1		6010C	Total/NA
Total Dissolved Solids	194		10.0	4.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-17

Lab Sample ID: 480-185032-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyclohexane	130		10	1.8	ug/L	10		8260C	Total/NA
Ethylbenzene	33		10	7.4	ug/L	10		8260C	Total/NA
Isopropylbenzene	9.0	J	10	7.9	ug/L	10		8260C	Total/NA
Methylcyclohexane	270		10	1.6	ug/L	10		8260C	Total/NA
6:2 FTS	1.45	J	4.16	0.91	ng/L	1		537 (modified)	Total/NA
Barium	69.7		2.0	0.70	ug/L	1		6010C	Total/NA
Cadmium	0.58	J	2.0	0.50	ug/L	1		6010C	Total/NA
Calcium	38600		500	100	ug/L	1		6010C	Total/NA
Iron	635	B	50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	70100		200	43.4	ug/L	1		6010C	Total/NA
Manganese	129	B	3.0	0.40	ug/L	1		6010C	Total/NA
Potassium	2430		500	100	ug/L	1		6010C	Total/NA
Sodium	74400		1000	324	ug/L	1		6010C	Total/NA
Total Dissolved Solids	492		10.0	4.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	5.2		4.0	4.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 480-185032-23

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-8

Lab Sample ID: 480-184888-1

Date Collected: 05/17/21 10:00

Matrix: Water

Date Received: 05/19/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/20/21 17:14	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/20/21 17:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/20/21 17:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/20/21 17:14	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/20/21 17:14	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/20/21 17:14	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/20/21 17:14	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/20/21 17:14	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/20/21 17:14	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/20/21 17:14	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/20/21 17:14	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/20/21 17:14	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/20/21 17:14	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/20/21 17:14	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/20/21 17:14	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/20/21 17:14	1
Acetone	10	U	10	3.0	ug/L			05/20/21 17:14	1
Benzene	1.0	U	1.0	0.41	ug/L			05/20/21 17:14	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/20/21 17:14	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/20/21 17:14	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/20/21 17:14	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/20/21 17:14	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/20/21 17:14	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/20/21 17:14	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/20/21 17:14	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/20/21 17:14	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/20/21 17:14	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/20/21 17:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/20/21 17:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/20/21 17:14	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/20/21 17:14	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/20/21 17:14	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/20/21 17:14	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/20/21 17:14	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/20/21 17:14	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/20/21 17:14	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/20/21 17:14	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/20/21 17:14	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/20/21 17:14	1
Styrene	1.0	U	1.0	0.73	ug/L			05/20/21 17:14	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/20/21 17:14	1
Toluene	1.0	U	1.0	0.51	ug/L			05/20/21 17:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/20/21 17:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/20/21 17:14	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/20/21 17:14	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/20/21 17:14	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/20/21 17:14	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/20/21 17:14	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-8

Lab Sample ID: 480-184888-1

Date Collected: 05/17/21 10:00

Matrix: Water

Date Received: 05/19/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120		05/20/21 17:14	1
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		05/20/21 17:14	1
4-Bromofluorobenzene (Surr)	96		73 - 120		05/20/21 17:14	1
Dibromofluoromethane (Surr)	104		75 - 123		05/20/21 17:14	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.19	U	0.19	0.095	ug/L		05/20/21 08:30	05/21/21 23:18	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	29		15 - 110				05/20/21 08:30	05/21/21 23:18	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 14:24	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 14:24	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 14:24	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 14:24	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 14:24	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 14:24	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 14:24	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 14:24	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 14:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81		39 - 121	05/20/21 08:43	05/21/21 14:24	1
Tetrachloro-m-xylene	81		39 - 121	05/20/21 08:43	05/21/21 14:24	1
DCB Decachlorobiphenyl	77		19 - 120	05/20/21 08:43	05/21/21 14:24	1
DCB Decachlorobiphenyl	74		19 - 120	05/20/21 08:43	05/21/21 14:24	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	1.40	J	4.16	0.74	ng/L		05/27/21 13:28	06/01/21 17:36	1
Perfluoropentanoic acid (PFPeA)	1.67	U	1.67	0.39	ng/L		05/27/21 13:28	06/01/21 17:36	1
Perfluorohexanoic acid (PFHxA)	1.67	U	1.67	0.38	ng/L		05/27/21 13:28	06/01/21 17:36	1
Perfluoroheptanoic acid (PFHpA)	1.67	U	1.67	0.20	ng/L		05/27/21 13:28	06/01/21 17:36	1
Perfluorooctanoic acid (PFOA)	0.68	J	1.67	0.35	ng/L		05/27/21 13:28	06/01/21 17:36	1
Perfluorononanoic acid (PFNA)	1.67	U	1.67	0.23	ng/L		05/27/21 13:28	06/01/21 17:36	1
Perfluorodecanoic acid (PFDA)	1.67	U	1.67	0.25	ng/L		05/27/21 13:28	06/01/21 17:36	1
Perfluoroundecanoic acid (PFUnA)	1.67	U	1.67	0.29	ng/L		05/27/21 13:28	06/01/21 17:36	1
Perfluorododecanoic acid (PFDoA)	1.67	U	1.67	0.32	ng/L		05/27/21 13:28	06/01/21 17:36	1
Perfluorotridecanoic acid (PFTriA)	1.67	U	1.67	0.36	ng/L		05/27/21 13:28	06/01/21 17:36	1
Perfluorotetradecanoic acid (PFTeA)	1.67	U	1.67	0.53	ng/L		05/27/21 13:28	06/01/21 17:36	1
Perfluorobutanesulfonic acid (PFBS)	1.83		1.67	0.21	ng/L		05/27/21 13:28	06/01/21 17:36	1
Perfluorohexanesulfonic acid (PFHxS)	0.41	J	1.67	0.25	ng/L		05/27/21 13:28	06/01/21 17:36	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.67	U	1.67	0.19	ng/L		05/27/21 13:28	06/01/21 17:36	1
Perfluorodecanesulfonic acid (PFDS)	1.67	U	1.67	0.25	ng/L		05/27/21 13:28	06/01/21 17:36	1
Perfluorooctanesulfonic acid (PFOS)	1.52	J	1.67	0.24	ng/L		05/27/21 13:28	06/01/21 17:36	1
Perfluorooctanesulfonamide (FOSA)	1.67	U	1.67	0.48	ng/L		05/27/21 13:28	06/01/21 17:36	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-8

Lab Sample ID: 480-184888-1

Date Collected: 05/17/21 10:00

Matrix: Water

Date Received: 05/19/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.16	U	4.16	0.75	ng/L		05/27/21 13:28	06/01/21 17:36	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.16	U	4.16	0.62	ng/L		05/27/21 13:28	06/01/21 17:36	1
6:2 FTS	4.16	U	4.16	0.91	ng/L		05/27/21 13:28	06/01/21 17:36	1
8:2 FTS	1.67	U	1.67	0.32	ng/L		05/27/21 13:28	06/01/21 17:36	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	86		25 - 150				05/27/21 13:28	06/01/21 17:36	1
13C4 PFBA	90		25 - 150				05/27/21 13:28	06/01/21 17:36	1
13C5 PFPeA	95		25 - 150				05/27/21 13:28	06/01/21 17:36	1
13C2 PFHxA	98		50 - 150				05/27/21 13:28	06/01/21 17:36	1
13C4 PFHpA	99		50 - 150				05/27/21 13:28	06/01/21 17:36	1
13C4 PFOA	99		50 - 150				05/27/21 13:28	06/01/21 17:36	1
13C5 PFNA	99		50 - 150				05/27/21 13:28	06/01/21 17:36	1
13C2 PFDA	107		50 - 150				05/27/21 13:28	06/01/21 17:36	1
13C2 PFUnA	96		50 - 150				05/27/21 13:28	06/01/21 17:36	1
13C2 PFDoA	90		50 - 150				05/27/21 13:28	06/01/21 17:36	1
13C2 PFTeDA	86		50 - 150				05/27/21 13:28	06/01/21 17:36	1
13C3 PFBS	88		50 - 150				05/27/21 13:28	06/01/21 17:36	1
18O2 PFHxS	88		50 - 150				05/27/21 13:28	06/01/21 17:36	1
13C4 PFOS	92		50 - 150				05/27/21 13:28	06/01/21 17:36	1
d3-NMeFOSAA	107		50 - 150				05/27/21 13:28	06/01/21 17:36	1
d5-NEtFOSAA	113		50 - 150				05/27/21 13:28	06/01/21 17:36	1
M2-6:2 FTS	92		25 - 150				05/27/21 13:28	06/01/21 17:36	1
M2-8:2 FTS	106		25 - 150				05/27/21 13:28	06/01/21 17:36	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	60.0	ug/L		05/24/21 10:55	05/25/21 16:00	1
Antimony	20.0	U	20.0	6.8	ug/L		05/24/21 10:55	05/25/21 16:00	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/24/21 10:55	05/25/21 16:00	1
Barium	13.9		2.0	0.70	ug/L		05/24/21 10:55	05/25/21 16:00	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/24/21 10:55	05/25/21 16:00	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/24/21 10:55	05/25/21 16:00	1
Calcium	49500		500	100	ug/L		05/24/21 10:55	05/25/21 16:00	1
Chromium	4.0	U	4.0	1.0	ug/L		05/24/21 10:55	05/25/21 16:00	1
Cobalt	4.0	U	4.0	0.63	ug/L		05/24/21 10:55	05/25/21 16:00	1
Copper	10.0	U	10.0	1.6	ug/L		05/24/21 10:55	05/25/21 16:00	1
Iron	143		50.0	19.3	ug/L		05/24/21 10:55	05/25/21 16:00	1
Lead	10.0	U	10.0	3.0	ug/L		05/24/21 10:55	05/25/21 16:00	1
Magnesium	10800		200	43.4	ug/L		05/24/21 10:55	05/25/21 16:00	1
Manganese	1.7	J	3.0	0.40	ug/L		05/24/21 10:55	05/25/21 16:00	1
Nickel	10.0	U	10.0	1.3	ug/L		05/24/21 10:55	05/25/21 16:00	1
Potassium	900	B	500	100	ug/L		05/24/21 10:55	05/25/21 16:00	1
Selenium	25.0	U	25.0	8.7	ug/L		05/24/21 10:55	05/25/21 16:00	1
Silver	6.0	U	6.0	1.7	ug/L		05/24/21 10:55	05/25/21 16:00	1
Sodium	17500		1000	324	ug/L		05/24/21 10:55	05/25/21 16:00	1
Thallium	20.0	U	20.0	10.2	ug/L		05/24/21 10:55	05/25/21 16:00	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/24/21 10:55	05/25/21 16:00	1
Zinc	2.2	J	10.0	1.5	ug/L		05/24/21 10:55	05/25/21 16:00	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-8

Date Collected: 05/17/21 10:00

Date Received: 05/19/21 08:00

Lab Sample ID: 480-184888-1

Matrix: Water

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/26/21 13:46	05/26/21 17:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	304		10.0	4.0	mg/L			05/21/21 09:12	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	4.0	U	4.0	4.0	mg/L			05/21/21 12:50	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-9

Lab Sample ID: 480-184888-2

Date Collected: 05/17/21 09:55

Matrix: Water

Date Received: 05/19/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/21/21 11:41	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/21/21 11:41	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/21/21 11:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/21/21 11:41	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/21/21 11:41	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/21/21 11:41	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/21/21 11:41	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/21/21 11:41	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/21/21 11:41	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/21/21 11:41	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/21/21 11:41	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/21/21 11:41	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/21/21 11:41	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/21/21 11:41	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/21/21 11:41	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/21/21 11:41	1
Acetone	10	U	10	3.0	ug/L			05/21/21 11:41	1
Benzene	1.0	U	1.0	0.41	ug/L			05/21/21 11:41	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/21/21 11:41	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/21/21 11:41	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/21/21 11:41	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/21/21 11:41	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/21/21 11:41	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/21/21 11:41	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/21/21 11:41	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/21/21 11:41	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/21/21 11:41	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/21/21 11:41	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/21/21 11:41	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/21/21 11:41	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/21/21 11:41	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/21/21 11:41	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/21/21 11:41	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/21/21 11:41	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/21/21 11:41	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/21/21 11:41	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/21/21 11:41	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/21/21 11:41	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/21/21 11:41	1
Styrene	1.0	U	1.0	0.73	ug/L			05/21/21 11:41	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/21/21 11:41	1
Toluene	1.0	U	1.0	0.51	ug/L			05/21/21 11:41	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/21/21 11:41	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/21/21 11:41	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/21/21 11:41	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/21/21 11:41	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/21/21 11:41	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/21/21 11:41	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-9

Lab Sample ID: 480-184888-2

Date Collected: 05/17/21 09:55

Matrix: Water

Date Received: 05/19/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		80 - 120		05/21/21 11:41	1
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		05/21/21 11:41	1
4-Bromofluorobenzene (Surr)	98		73 - 120		05/21/21 11:41	1
Dibromofluoromethane (Surr)	105		75 - 123		05/21/21 11:41	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.5	E	0.19	0.095	ug/L		05/20/21 08:30	05/21/21 23:42	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	29		15 - 110				05/20/21 08:30	05/21/21 23:42	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 14:37	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 14:37	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 14:37	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 14:37	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 14:37	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 14:37	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 14:37	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 14:37	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 14:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	79		39 - 121	05/20/21 08:43	05/21/21 14:37	1
Tetrachloro-m-xylene	79		39 - 121	05/20/21 08:43	05/21/21 14:37	1
DCB Decachlorobiphenyl	73		19 - 120	05/20/21 08:43	05/21/21 14:37	1
DCB Decachlorobiphenyl	69		19 - 120	05/20/21 08:43	05/21/21 14:37	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	55.0		4.18	0.75	ng/L		05/27/21 13:28	06/01/21 17:45	1
Perfluoropentanoic acid (PFPeA)	146		1.67	0.40	ng/L		05/27/21 13:28	06/01/21 17:45	1
Perfluorohexanoic acid (PFHxA)	144		1.67	0.38	ng/L		05/27/21 13:28	06/01/21 17:45	1
Perfluoroheptanoic acid (PFHpA)	29.3		1.67	0.20	ng/L		05/27/21 13:28	06/01/21 17:45	1
Perfluorooctanoic acid (PFOA)	55.4		1.67	0.35	ng/L		05/27/21 13:28	06/01/21 17:45	1
Perfluorononanoic acid (PFNA)	1.67	U	1.67	0.23	ng/L		05/27/21 13:28	06/01/21 17:45	1
Perfluorodecanoic acid (PFDA)	1.67	U	1.67	0.25	ng/L		05/27/21 13:28	06/01/21 17:45	1
Perfluoroundecanoic acid (PFUnA)	1.67	U	1.67	0.29	ng/L		05/27/21 13:28	06/01/21 17:45	1
Perfluorododecanoic acid (PFDoA)	1.67	U	1.67	0.32	ng/L		05/27/21 13:28	06/01/21 17:45	1
Perfluorotridecanoic acid (PFTriA)	1.67	U	1.67	0.36	ng/L		05/27/21 13:28	06/01/21 17:45	1
Perfluorotetradecanoic acid (PFTeA)	1.67	U	1.67	0.53	ng/L		05/27/21 13:28	06/01/21 17:45	1
Perfluorobutanesulfonic acid (PFBS)	5.71		1.67	0.21	ng/L		05/27/21 13:28	06/01/21 17:45	1
Perfluorohexanesulfonic acid (PFHxS)	2.81		1.67	0.25	ng/L		05/27/21 13:28	06/01/21 17:45	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.67	U	1.67	0.20	ng/L		05/27/21 13:28	06/01/21 17:45	1
Perfluorodecanesulfonic acid (PFDS)	1.67	U	1.67	0.26	ng/L		05/27/21 13:28	06/01/21 17:45	1
Perfluorooctanesulfonic acid (PFOS)	5.63		1.67	0.24	ng/L		05/27/21 13:28	06/01/21 17:45	1
Perfluorooctanesulfonamide (FOSA)	1.67	U	1.67	0.48	ng/L		05/27/21 13:28	06/01/21 17:45	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-9

Lab Sample ID: 480-184888-2

Date Collected: 05/17/21 09:55

Matrix: Water

Date Received: 05/19/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.18	U	4.18	0.75	ng/L		05/27/21 13:28	06/01/21 17:45	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.18	U	4.18	0.62	ng/L		05/27/21 13:28	06/01/21 17:45	1
6:2 FTS	4.18	U	4.18	0.92	ng/L		05/27/21 13:28	06/01/21 17:45	1
8:2 FTS	1.67	U	1.67	0.33	ng/L		05/27/21 13:28	06/01/21 17:45	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	88		25 - 150				05/27/21 13:28	06/01/21 17:45	1
13C4 PFBA	77		25 - 150				05/27/21 13:28	06/01/21 17:45	1
13C5 PFPeA	91		25 - 150				05/27/21 13:28	06/01/21 17:45	1
13C2 PFHxA	92		50 - 150				05/27/21 13:28	06/01/21 17:45	1
13C4 PFHpA	100		50 - 150				05/27/21 13:28	06/01/21 17:45	1
13C4 PFOA	101		50 - 150				05/27/21 13:28	06/01/21 17:45	1
13C5 PFNA	99		50 - 150				05/27/21 13:28	06/01/21 17:45	1
13C2 PFDA	100		50 - 150				05/27/21 13:28	06/01/21 17:45	1
13C2 PFUnA	98		50 - 150				05/27/21 13:28	06/01/21 17:45	1
13C2 PFDoA	87		50 - 150				05/27/21 13:28	06/01/21 17:45	1
13C2 PFTeDA	87		50 - 150				05/27/21 13:28	06/01/21 17:45	1
13C3 PFBS	91		50 - 150				05/27/21 13:28	06/01/21 17:45	1
18O2 PFHxS	93		50 - 150				05/27/21 13:28	06/01/21 17:45	1
13C4 PFOS	95		50 - 150				05/27/21 13:28	06/01/21 17:45	1
d3-NMeFOSAA	104		50 - 150				05/27/21 13:28	06/01/21 17:45	1
d5-NEtFOSAA	105		50 - 150				05/27/21 13:28	06/01/21 17:45	1
M2-6:2 FTS	101		25 - 150				05/27/21 13:28	06/01/21 17:45	1
M2-8:2 FTS	106		25 - 150				05/27/21 13:28	06/01/21 17:45	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	187	J	200	60.0	ug/L		05/24/21 10:55	05/25/21 16:04	1
Antimony	20.0	U	20.0	6.8	ug/L		05/24/21 10:55	05/25/21 16:04	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/24/21 10:55	05/25/21 16:04	1
Barium	59.8		2.0	0.70	ug/L		05/24/21 10:55	05/25/21 16:04	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/24/21 10:55	05/25/21 16:04	1
Cadmium	0.74	J	2.0	0.50	ug/L		05/24/21 10:55	05/25/21 16:04	1
Calcium	70600		500	100	ug/L		05/24/21 10:55	05/25/21 16:04	1
Chromium	4.0	U	4.0	1.0	ug/L		05/24/21 10:55	05/25/21 16:04	1
Cobalt	4.0	U	4.0	0.63	ug/L		05/24/21 10:55	05/25/21 16:04	1
Copper	10.0	U	10.0	1.6	ug/L		05/24/21 10:55	05/25/21 16:04	1
Iron	1000		50.0	19.3	ug/L		05/24/21 10:55	05/25/21 16:04	1
Lead	10.0	U	10.0	3.0	ug/L		05/24/21 10:55	05/25/21 16:04	1
Magnesium	142000		200	43.4	ug/L		05/24/21 10:55	05/25/21 16:04	1
Manganese	29.9		3.0	0.40	ug/L		05/24/21 10:55	05/25/21 16:04	1
Nickel	10.0	U	10.0	1.3	ug/L		05/24/21 10:55	05/25/21 16:04	1
Potassium	1050	B	500	100	ug/L		05/24/21 10:55	05/25/21 16:04	1
Selenium	25.0	U	25.0	8.7	ug/L		05/24/21 10:55	05/25/21 16:04	1
Silver	6.0	U	6.0	1.7	ug/L		05/24/21 10:55	05/25/21 16:04	1
Sodium	130000		1000	324	ug/L		05/24/21 10:55	05/25/21 16:04	1
Thallium	20.0	U	20.0	10.2	ug/L		05/24/21 10:55	05/25/21 16:04	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/24/21 10:55	05/25/21 16:04	1
Zinc	1.5	J	10.0	1.5	ug/L		05/24/21 10:55	05/25/21 16:04	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-9

Date Collected: 05/17/21 09:55

Date Received: 05/19/21 08:00

Lab Sample ID: 480-184888-2

Matrix: Water

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/26/21 13:46	05/26/21 17:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	906		20.0	8.0	mg/L			05/21/21 09:12	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	4.0	U	4.0	4.0	mg/L			05/21/21 12:50	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-12A

Lab Sample ID: 480-184888-3

Date Collected: 05/17/21 12:25

Matrix: Water

Date Received: 05/19/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.0	U	2.0	1.6	ug/L			05/20/21 17:59	2
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.42	ug/L			05/20/21 17:59	2
1,1,2-Trichloroethane	2.0	U	2.0	0.46	ug/L			05/20/21 17:59	2
1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U	2.0	0.62	ug/L			05/20/21 17:59	2
1,1-Dichloroethane	2.0	U	2.0	0.76	ug/L			05/20/21 17:59	2
1,1-Dichloroethene	2.0	U	2.0	0.58	ug/L			05/20/21 17:59	2
1,2,4-Trichlorobenzene	2.0	U	2.0	0.82	ug/L			05/20/21 17:59	2
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.78	ug/L			05/20/21 17:59	2
1,2-Dichlorobenzene	2.0	U	2.0	1.6	ug/L			05/20/21 17:59	2
1,2-Dichloroethane	2.0	U	2.0	0.42	ug/L			05/20/21 17:59	2
1,2-Dichloropropane	2.0	U	2.0	1.4	ug/L			05/20/21 17:59	2
1,3-Dichlorobenzene	2.0	U	2.0	1.6	ug/L			05/20/21 17:59	2
1,4-Dichlorobenzene	2.0	U	2.0	1.7	ug/L			05/20/21 17:59	2
2-Butanone (MEK)	20	U	20	2.6	ug/L			05/20/21 17:59	2
2-Hexanone	10	U	10	2.5	ug/L			05/20/21 17:59	2
4-Methyl-2-pentanone (MIBK)	10	U	10	4.2	ug/L			05/20/21 17:59	2
Acetone	6.1	J	20	6.0	ug/L			05/20/21 17:59	2
Benzene	1.3	J	2.0	0.82	ug/L			05/20/21 17:59	2
Bromodichloromethane	2.0	U	2.0	0.78	ug/L			05/20/21 17:59	2
Bromoform	2.0	U	2.0	0.52	ug/L			05/20/21 17:59	2
Bromomethane	2.0	U	2.0	1.4	ug/L			05/20/21 17:59	2
Carbon disulfide	2.0	U	2.0	0.38	ug/L			05/20/21 17:59	2
Carbon tetrachloride	2.0	U	2.0	0.54	ug/L			05/20/21 17:59	2
Chlorobenzene	2.0	U	2.0	1.5	ug/L			05/20/21 17:59	2
Dibromochloromethane	2.0	U	2.0	0.64	ug/L			05/20/21 17:59	2
Chloroethane	2.0	U	2.0	0.64	ug/L			05/20/21 17:59	2
Chloroform	2.0	U	2.0	0.68	ug/L			05/20/21 17:59	2
Chloromethane	2.0	U	2.0	0.70	ug/L			05/20/21 17:59	2
cis-1,2-Dichloroethene	2.0	U	2.0	1.6	ug/L			05/20/21 17:59	2
cis-1,3-Dichloropropene	2.0	U	2.0	0.72	ug/L			05/20/21 17:59	2
Cyclohexane	2.0	U	2.0	0.36	ug/L			05/20/21 17:59	2
Dichlorodifluoromethane	2.0	U	2.0	1.4	ug/L			05/20/21 17:59	2
Ethylbenzene	2.0	U	2.0	1.5	ug/L			05/20/21 17:59	2
1,2-Dibromoethane	2.0	U	2.0	1.5	ug/L			05/20/21 17:59	2
Isopropylbenzene	2.0	U	2.0	1.6	ug/L			05/20/21 17:59	2
Methyl acetate	5.0	U	5.0	2.6	ug/L			05/20/21 17:59	2
Methyl tert-butyl ether	0.69	J	2.0	0.32	ug/L			05/20/21 17:59	2
Methylcyclohexane	2.0	U	2.0	0.32	ug/L			05/20/21 17:59	2
Methylene Chloride	0.98	J	2.0	0.88	ug/L			05/20/21 17:59	2
Styrene	2.0	U	2.0	1.5	ug/L			05/20/21 17:59	2
Tetrachloroethene	2.0	U	2.0	0.72	ug/L			05/20/21 17:59	2
Toluene	2.0	U	2.0	1.0	ug/L			05/20/21 17:59	2
trans-1,2-Dichloroethene	2.0	U	2.0	1.8	ug/L			05/20/21 17:59	2
trans-1,3-Dichloropropene	2.0	U	2.0	0.74	ug/L			05/20/21 17:59	2
Trichloroethene	2.0	U	2.0	0.92	ug/L			05/20/21 17:59	2
Trichlorofluoromethane	2.0	U	2.0	1.8	ug/L			05/20/21 17:59	2
Vinyl chloride	2.0	U	2.0	1.8	ug/L			05/20/21 17:59	2
Xylenes, Total	4.0	U	4.0	1.3	ug/L			05/20/21 17:59	2

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-12A

Lab Sample ID: 480-184888-3

Date Collected: 05/17/21 12:25

Matrix: Water

Date Received: 05/19/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120		05/20/21 17:59	2
1,2-Dichloroethane-d4 (Surr)	115		77 - 120		05/20/21 17:59	2
4-Bromofluorobenzene (Surr)	97		73 - 120		05/20/21 17:59	2
Dibromofluoromethane (Surr)	113		75 - 123		05/20/21 17:59	2

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	50	E	1.9	0.95	ug/L		05/20/21 08:30	05/24/21 15:55	10
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	24		15 - 110				05/20/21 08:30	05/24/21 15:55	10

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 14:50	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 14:50	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 14:50	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 14:50	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 14:50	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 14:50	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 14:50	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 14:50	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 14:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	83		39 - 121	05/20/21 08:43	05/21/21 14:50	1
Tetrachloro-m-xylene	85		39 - 121	05/20/21 08:43	05/21/21 14:50	1
DCB Decachlorobiphenyl	72		19 - 120	05/20/21 08:43	05/21/21 14:50	1
DCB Decachlorobiphenyl	69		19 - 120	05/20/21 08:43	05/21/21 14:50	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	18.7		4.10	0.73	ng/L		05/27/21 13:28	06/01/21 17:53	1
Perfluoropentanoic acid (PFPeA)	26.1		1.64	0.39	ng/L		05/27/21 13:28	06/01/21 17:53	1
Perfluorohexanoic acid (PFHxA)	54.0		1.64	0.37	ng/L		05/27/21 13:28	06/01/21 17:53	1
Perfluoroheptanoic acid (PFHpA)	23.0		1.64	0.20	ng/L		05/27/21 13:28	06/01/21 17:53	1
Perfluorooctanoic acid (PFOA)	60.6		1.64	0.35	ng/L		05/27/21 13:28	06/01/21 17:53	1
Perfluorononanoic acid (PFNA)	0.51	J	1.64	0.23	ng/L		05/27/21 13:28	06/01/21 17:53	1
Perfluorodecanoic acid (PFDA)	1.64	U	1.64	0.25	ng/L		05/27/21 13:28	06/01/21 17:53	1
Perfluoroundecanoic acid (PFUnA)	1.64	U	1.64	0.28	ng/L		05/27/21 13:28	06/01/21 17:53	1
Perfluorododecanoic acid (PFDoA)	1.64	U	1.64	0.32	ng/L		05/27/21 13:28	06/01/21 17:53	1
Perfluorotridecanoic acid (PFTriA)	1.64	U	1.64	0.36	ng/L		05/27/21 13:28	06/01/21 17:53	1
Perfluorotetradecanoic acid (PFTeA)	1.64	U	1.64	0.52	ng/L		05/27/21 13:28	06/01/21 17:53	1
Perfluorobutanesulfonic acid (PFBS)	3.89		1.64	0.20	ng/L		05/27/21 13:28	06/01/21 17:53	1
Perfluorohexanesulfonic acid (PFHxS)	10.8		1.64	0.25	ng/L		05/27/21 13:28	06/01/21 17:53	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.48	J	1.64	0.19	ng/L		05/27/21 13:28	06/01/21 17:53	1
Perfluorodecanesulfonic acid (PFDS)	1.64	U	1.64	0.25	ng/L		05/27/21 13:28	06/01/21 17:53	1
Perfluorooctanesulfonic acid (PFOS)	20.3		1.64	0.24	ng/L		05/27/21 13:28	06/01/21 17:53	1
Perfluorooctanesulfonamide (FOSA)	1.64	U	1.64	0.47	ng/L		05/27/21 13:28	06/01/21 17:53	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-12A

Lab Sample ID: 480-184888-3

Date Collected: 05/17/21 12:25

Matrix: Water

Date Received: 05/19/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.10	U	4.10	0.74	ng/L		05/27/21 13:28	06/01/21 17:53	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.10	U	4.10	0.61	ng/L		05/27/21 13:28	06/01/21 17:53	1
6:2 FTS	4.10	U	4.10	0.90	ng/L		05/27/21 13:28	06/01/21 17:53	1
8:2 FTS	1.64	U	1.64	0.32	ng/L		05/27/21 13:28	06/01/21 17:53	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	76		25 - 150				05/27/21 13:28	06/01/21 17:53	1
13C4 PFBA	43		25 - 150				05/27/21 13:28	06/01/21 17:53	1
13C5 PFPeA	64		25 - 150				05/27/21 13:28	06/01/21 17:53	1
13C2 PFHxA	80		50 - 150				05/27/21 13:28	06/01/21 17:53	1
13C4 PFHpA	88		50 - 150				05/27/21 13:28	06/01/21 17:53	1
13C4 PFOA	99		50 - 150				05/27/21 13:28	06/01/21 17:53	1
13C5 PFNA	99		50 - 150				05/27/21 13:28	06/01/21 17:53	1
13C2 PFDA	102		50 - 150				05/27/21 13:28	06/01/21 17:53	1
13C2 PFUnA	89		50 - 150				05/27/21 13:28	06/01/21 17:53	1
13C2 PFDoA	82		50 - 150				05/27/21 13:28	06/01/21 17:53	1
13C2 PFTeDA	73		50 - 150				05/27/21 13:28	06/01/21 17:53	1
13C3 PFBS	76		50 - 150				05/27/21 13:28	06/01/21 17:53	1
18O2 PFHxS	86		50 - 150				05/27/21 13:28	06/01/21 17:53	1
13C4 PFOS	85		50 - 150				05/27/21 13:28	06/01/21 17:53	1
d3-NMeFOSAA	100		50 - 150				05/27/21 13:28	06/01/21 17:53	1
d5-NEtFOSAA	104		50 - 150				05/27/21 13:28	06/01/21 17:53	1
M2-6:2 FTS	143		25 - 150				05/27/21 13:28	06/01/21 17:53	1
M2-8:2 FTS	108		25 - 150				05/27/21 13:28	06/01/21 17:53	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	60.0	ug/L		05/24/21 10:55	05/25/21 16:07	1
Antimony	20.0	U	20.0	6.8	ug/L		05/24/21 10:55	05/25/21 16:07	1
Arsenic	9.7	J	15.0	5.6	ug/L		05/24/21 10:55	05/25/21 16:07	1
Barium	146		2.0	0.70	ug/L		05/24/21 10:55	05/25/21 16:07	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/24/21 10:55	05/25/21 16:07	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/24/21 10:55	05/25/21 16:07	1
Calcium	132000		500	100	ug/L		05/24/21 10:55	05/25/21 16:07	1
Chromium	4.0	U	4.0	1.0	ug/L		05/24/21 10:55	05/25/21 16:07	1
Cobalt	2.5	J	4.0	0.63	ug/L		05/24/21 10:55	05/25/21 16:07	1
Copper	10.0	U	10.0	1.6	ug/L		05/24/21 10:55	05/25/21 16:07	1
Iron	45600		50.0	19.3	ug/L		05/24/21 10:55	05/25/21 16:07	1
Lead	7.6	J	10.0	3.0	ug/L		05/24/21 10:55	05/25/21 16:07	1
Magnesium	41500		200	43.4	ug/L		05/24/21 10:55	05/25/21 16:07	1
Manganese	2350		3.0	0.40	ug/L		05/24/21 10:55	05/25/21 16:07	1
Nickel	12.3		10.0	1.3	ug/L		05/24/21 10:55	05/25/21 16:07	1
Potassium	2870	B	500	100	ug/L		05/24/21 10:55	05/25/21 16:07	1
Selenium	25.0	U	25.0	8.7	ug/L		05/24/21 10:55	05/25/21 16:07	1
Silver	6.0	U	6.0	1.7	ug/L		05/24/21 10:55	05/25/21 16:07	1
Sodium	120000		1000	324	ug/L		05/24/21 10:55	05/25/21 16:07	1
Thallium	20.0	U	20.0	10.2	ug/L		05/24/21 10:55	05/25/21 16:07	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/24/21 10:55	05/25/21 16:07	1
Zinc	10.0	U	10.0	1.5	ug/L		05/24/21 10:55	05/25/21 16:07	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-12A

Lab Sample ID: 480-184888-3

Date Collected: 05/17/21 12:25

Matrix: Water

Date Received: 05/19/21 08:00

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/26/21 13:46	05/26/21 17:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	687		10.0	4.0	mg/L			05/21/21 09:12	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	4.4		4.0	4.0	mg/L			05/21/21 12:50	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-13A

Lab Sample ID: 480-184888-4

Date Collected: 05/17/21 13:30

Matrix: Water

Date Received: 05/19/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/20/21 18:22	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/20/21 18:22	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/20/21 18:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/20/21 18:22	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/20/21 18:22	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/20/21 18:22	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/20/21 18:22	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/20/21 18:22	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/20/21 18:22	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/20/21 18:22	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/20/21 18:22	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/20/21 18:22	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/20/21 18:22	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/20/21 18:22	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/20/21 18:22	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/20/21 18:22	1
Acetone	10	U	10	3.0	ug/L			05/20/21 18:22	1
Benzene	1.0	U	1.0	0.41	ug/L			05/20/21 18:22	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/20/21 18:22	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/20/21 18:22	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/20/21 18:22	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/20/21 18:22	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/20/21 18:22	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/20/21 18:22	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/20/21 18:22	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/20/21 18:22	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/20/21 18:22	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/20/21 18:22	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/20/21 18:22	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/20/21 18:22	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/20/21 18:22	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/20/21 18:22	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/20/21 18:22	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/20/21 18:22	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/20/21 18:22	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/20/21 18:22	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/20/21 18:22	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/20/21 18:22	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/20/21 18:22	1
Styrene	1.0	U	1.0	0.73	ug/L			05/20/21 18:22	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/20/21 18:22	1
Toluene	1.0	U	1.0	0.51	ug/L			05/20/21 18:22	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/20/21 18:22	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/20/21 18:22	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/20/21 18:22	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/20/21 18:22	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/20/21 18:22	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/20/21 18:22	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-13A

Lab Sample ID: 480-184888-4

Date Collected: 05/17/21 13:30

Matrix: Water

Date Received: 05/19/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		05/20/21 18:22	1
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		05/20/21 18:22	1
4-Bromofluorobenzene (Surr)	97		73 - 120		05/20/21 18:22	1
Dibromofluoromethane (Surr)	107		75 - 123		05/20/21 18:22	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.12	J	0.19	0.096	ug/L		05/20/21 08:30	05/22/21 00:29	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	29		15 - 110				05/20/21 08:30	05/22/21 00:29	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 15:02	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 15:02	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 15:02	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 15:02	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 15:02	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 15:02	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 15:02	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 15:02	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 15:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	79		39 - 121	05/20/21 08:43	05/21/21 15:02	1
Tetrachloro-m-xylene	80		39 - 121	05/20/21 08:43	05/21/21 15:02	1
DCB Decachlorobiphenyl	46		19 - 120	05/20/21 08:43	05/21/21 15:02	1
DCB Decachlorobiphenyl	44		19 - 120	05/20/21 08:43	05/21/21 15:02	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.22	J	4.28	0.76	ng/L		05/27/21 13:28	06/01/21 18:01	1
Perfluoropentanoic acid (PFPeA)	1.53	J	1.71	0.41	ng/L		05/27/21 13:28	06/01/21 18:01	1
Perfluorohexanoic acid (PFHxA)	1.29	J	1.71	0.39	ng/L		05/27/21 13:28	06/01/21 18:01	1
Perfluoroheptanoic acid (PFHpA)	1.06	J	1.71	0.20	ng/L		05/27/21 13:28	06/01/21 18:01	1
Perfluorooctanoic acid (PFOA)	4.88		1.71	0.36	ng/L		05/27/21 13:28	06/01/21 18:01	1
Perfluorononanoic acid (PFNA)	1.71	U	1.71	0.24	ng/L		05/27/21 13:28	06/01/21 18:01	1
Perfluorodecanoic acid (PFDA)	1.71	U	1.71	0.26	ng/L		05/27/21 13:28	06/01/21 18:01	1
Perfluoroundecanoic acid (PFUnA)	1.71	U	1.71	0.29	ng/L		05/27/21 13:28	06/01/21 18:01	1
Perfluorododecanoic acid (PFDoA)	1.71	U	1.71	0.33	ng/L		05/27/21 13:28	06/01/21 18:01	1
Perfluorotridecanoic acid (PFTriA)	1.71	U	1.71	0.37	ng/L		05/27/21 13:28	06/01/21 18:01	1
Perfluorotetradecanoic acid (PFTeA)	1.71	U	1.71	0.54	ng/L		05/27/21 13:28	06/01/21 18:01	1
Perfluorobutanesulfonic acid (PFBS)	0.42	J	1.71	0.21	ng/L		05/27/21 13:28	06/01/21 18:01	1
Perfluorohexanesulfonic acid (PFHxS)	0.39	J	1.71	0.26	ng/L		05/27/21 13:28	06/01/21 18:01	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.71	U	1.71	0.20	ng/L		05/27/21 13:28	06/01/21 18:01	1
Perfluorodecanesulfonic acid (PFDS)	1.71	U	1.71	0.26	ng/L		05/27/21 13:28	06/01/21 18:01	1
Perfluorooctanesulfonic acid (PFOS)	0.82	J	1.71	0.25	ng/L		05/27/21 13:28	06/01/21 18:01	1
Perfluorooctanesulfonamide (FOSA)	1.71	U	1.71	0.49	ng/L		05/27/21 13:28	06/01/21 18:01	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-13A

Lab Sample ID: 480-184888-4

Date Collected: 05/17/21 13:30

Matrix: Water

Date Received: 05/19/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.28	U	4.28	0.77	ng/L		05/27/21 13:28	06/01/21 18:01	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.28	U	4.28	0.64	ng/L		05/27/21 13:28	06/01/21 18:01	1
6:2 FTS	4.28	U	4.28	0.94	ng/L		05/27/21 13:28	06/01/21 18:01	1
8:2 FTS	1.71	U	1.71	0.33	ng/L		05/27/21 13:28	06/01/21 18:01	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	89		25 - 150				05/27/21 13:28	06/01/21 18:01	1
13C4 PFBA	71		25 - 150				05/27/21 13:28	06/01/21 18:01	1
13C5 PFPeA	92		25 - 150				05/27/21 13:28	06/01/21 18:01	1
13C2 PFHxA	98		50 - 150				05/27/21 13:28	06/01/21 18:01	1
13C4 PFHpA	96		50 - 150				05/27/21 13:28	06/01/21 18:01	1
13C4 PFOA	101		50 - 150				05/27/21 13:28	06/01/21 18:01	1
13C5 PFNA	101		50 - 150				05/27/21 13:28	06/01/21 18:01	1
13C2 PFDA	104		50 - 150				05/27/21 13:28	06/01/21 18:01	1
13C2 PFUnA	115		50 - 150				05/27/21 13:28	06/01/21 18:01	1
13C2 PFDoA	110		50 - 150				05/27/21 13:28	06/01/21 18:01	1
13C2 PFTeDA	90		50 - 150				05/27/21 13:28	06/01/21 18:01	1
13C3 PFBS	90		50 - 150				05/27/21 13:28	06/01/21 18:01	1
18O2 PFHxS	91		50 - 150				05/27/21 13:28	06/01/21 18:01	1
13C4 PFOS	95		50 - 150				05/27/21 13:28	06/01/21 18:01	1
d3-NMeFOSAA	112		50 - 150				05/27/21 13:28	06/01/21 18:01	1
d5-NEtFOSAA	118		50 - 150				05/27/21 13:28	06/01/21 18:01	1
M2-6:2 FTS	104		25 - 150				05/27/21 13:28	06/01/21 18:01	1
M2-8:2 FTS	114		25 - 150				05/27/21 13:28	06/01/21 18:01	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	400		200	60.0	ug/L		05/24/21 10:55	05/25/21 16:11	1
Antimony	20.0	U	20.0	6.8	ug/L		05/24/21 10:55	05/25/21 16:11	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/24/21 10:55	05/25/21 16:11	1
Barium	170		2.0	0.70	ug/L		05/24/21 10:55	05/25/21 16:11	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/24/21 10:55	05/25/21 16:11	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/24/21 10:55	05/25/21 16:11	1
Calcium	40200		500	100	ug/L		05/24/21 10:55	05/25/21 16:11	1
Chromium	2.2	J	4.0	1.0	ug/L		05/24/21 10:55	05/25/21 16:11	1
Cobalt	1.9	J	4.0	0.63	ug/L		05/24/21 10:55	05/25/21 16:11	1
Copper	2.1	J	10.0	1.6	ug/L		05/24/21 10:55	05/25/21 16:11	1
Iron	457		50.0	19.3	ug/L		05/24/21 10:55	05/25/21 16:11	1
Lead	10.0	U	10.0	3.0	ug/L		05/24/21 10:55	05/25/21 16:11	1
Magnesium	4290		200	43.4	ug/L		05/24/21 10:55	05/25/21 16:11	1
Manganese	39.0		3.0	0.40	ug/L		05/24/21 10:55	05/25/21 16:11	1
Nickel	1.5	J	10.0	1.3	ug/L		05/24/21 10:55	05/25/21 16:11	1
Potassium	31900	B	500	100	ug/L		05/24/21 10:55	05/25/21 16:11	1
Selenium	25.0	U	25.0	8.7	ug/L		05/24/21 10:55	05/25/21 16:11	1
Silver	6.0	U	6.0	1.7	ug/L		05/24/21 10:55	05/25/21 16:11	1
Sodium	49300		1000	324	ug/L		05/24/21 10:55	05/25/21 16:11	1
Thallium	20.0	U	20.0	10.2	ug/L		05/24/21 10:55	05/25/21 16:11	1
Vanadium	3.3	J	5.0	1.5	ug/L		05/24/21 10:55	05/25/21 16:11	1
Zinc	3.7	J	10.0	1.5	ug/L		05/24/21 10:55	05/25/21 16:11	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-13A

Lab Sample ID: 480-184888-4

Date Collected: 05/17/21 13:30

Matrix: Water

Date Received: 05/19/21 08:00

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/26/21 13:46	05/26/21 17:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	267		10.0	4.0	mg/L			05/21/21 09:12	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	19.2		4.0	4.0	mg/L			05/21/21 12:50	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-12B

Lab Sample ID: 480-184888-5

Date Collected: 05/17/21 13:45

Matrix: Water

Date Received: 05/19/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.0	U	2.0	1.6	ug/L			05/20/21 18:46	2
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.42	ug/L			05/20/21 18:46	2
1,1,2-Trichloroethane	2.0	U	2.0	0.46	ug/L			05/20/21 18:46	2
1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U	2.0	0.62	ug/L			05/20/21 18:46	2
1,1-Dichloroethane	2.0	U	2.0	0.76	ug/L			05/20/21 18:46	2
1,1-Dichloroethene	2.0	U	2.0	0.58	ug/L			05/20/21 18:46	2
1,2,4-Trichlorobenzene	2.0	U	2.0	0.82	ug/L			05/20/21 18:46	2
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.78	ug/L			05/20/21 18:46	2
1,2-Dichlorobenzene	2.0	U	2.0	1.6	ug/L			05/20/21 18:46	2
1,2-Dichloroethane	2.0	U	2.0	0.42	ug/L			05/20/21 18:46	2
1,2-Dichloropropane	2.0	U	2.0	1.4	ug/L			05/20/21 18:46	2
1,3-Dichlorobenzene	2.0	U	2.0	1.6	ug/L			05/20/21 18:46	2
1,4-Dichlorobenzene	2.0	U	2.0	1.7	ug/L			05/20/21 18:46	2
2-Butanone (MEK)	20	U	20	2.6	ug/L			05/20/21 18:46	2
2-Hexanone	10	U	10	2.5	ug/L			05/20/21 18:46	2
4-Methyl-2-pentanone (MIBK)	10	U	10	4.2	ug/L			05/20/21 18:46	2
Acetone	20	U	20	6.0	ug/L			05/20/21 18:46	2
Benzene	1.1	J	2.0	0.82	ug/L			05/20/21 18:46	2
Bromodichloromethane	2.0	U	2.0	0.78	ug/L			05/20/21 18:46	2
Bromoform	2.0	U	2.0	0.52	ug/L			05/20/21 18:46	2
Bromomethane	2.0	U	2.0	1.4	ug/L			05/20/21 18:46	2
Carbon disulfide	3.9		2.0	0.38	ug/L			05/20/21 18:46	2
Carbon tetrachloride	2.0	U	2.0	0.54	ug/L			05/20/21 18:46	2
Chlorobenzene	2.0	U	2.0	1.5	ug/L			05/20/21 18:46	2
Dibromochloromethane	2.0	U	2.0	0.64	ug/L			05/20/21 18:46	2
Chloroethane	2.0	U	2.0	0.64	ug/L			05/20/21 18:46	2
Chloroform	2.0	U	2.0	0.68	ug/L			05/20/21 18:46	2
Chloromethane	2.0	U	2.0	0.70	ug/L			05/20/21 18:46	2
cis-1,2-Dichloroethene	2.0	U	2.0	1.6	ug/L			05/20/21 18:46	2
cis-1,3-Dichloropropene	2.0	U	2.0	0.72	ug/L			05/20/21 18:46	2
Cyclohexane	2.0	U	2.0	0.36	ug/L			05/20/21 18:46	2
Dichlorodifluoromethane	2.0	U	2.0	1.4	ug/L			05/20/21 18:46	2
Ethylbenzene	2.0	U	2.0	1.5	ug/L			05/20/21 18:46	2
1,2-Dibromoethane	2.0	U	2.0	1.5	ug/L			05/20/21 18:46	2
Isopropylbenzene	2.0	U	2.0	1.6	ug/L			05/20/21 18:46	2
Methyl acetate	5.0	U	5.0	2.6	ug/L			05/20/21 18:46	2
Methyl tert-butyl ether	2.0	U	2.0	0.32	ug/L			05/20/21 18:46	2
Methylcyclohexane	2.0	U	2.0	0.32	ug/L			05/20/21 18:46	2
Methylene Chloride	2.0		2.0	0.88	ug/L			05/20/21 18:46	2
Styrene	2.0	U	2.0	1.5	ug/L			05/20/21 18:46	2
Tetrachloroethene	2.0	U	2.0	0.72	ug/L			05/20/21 18:46	2
Toluene	2.0	U	2.0	1.0	ug/L			05/20/21 18:46	2
trans-1,2-Dichloroethene	2.0	U	2.0	1.8	ug/L			05/20/21 18:46	2
trans-1,3-Dichloropropene	2.0	U	2.0	0.74	ug/L			05/20/21 18:46	2
Trichloroethene	2.0	U	2.0	0.92	ug/L			05/20/21 18:46	2
Trichlorofluoromethane	2.0	U	2.0	1.8	ug/L			05/20/21 18:46	2
Vinyl chloride	2.0	U	2.0	1.8	ug/L			05/20/21 18:46	2
Xylenes, Total	4.0	U	4.0	1.3	ug/L			05/20/21 18:46	2

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-12B

Lab Sample ID: 480-184888-5

Date Collected: 05/17/21 13:45

Matrix: Water

Date Received: 05/19/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	92		80 - 120		05/20/21 18:46	2
1,2-Dichloroethane-d4 (Surr)	110		77 - 120		05/20/21 18:46	2
4-Bromofluorobenzene (Surr)	97		73 - 120		05/20/21 18:46	2
Dibromofluoromethane (Surr)	110		75 - 123		05/20/21 18:46	2

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	61	E	3.8	1.9	ug/L		05/20/21 08:30	05/24/21 16:18	20
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	29		15 - 110				05/20/21 08:30	05/24/21 16:18	20

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 15:15	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 15:15	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 15:15	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 15:15	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 15:15	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 15:15	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 15:15	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 15:15	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 15:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81		39 - 121	05/20/21 08:43	05/21/21 15:15	1
Tetrachloro-m-xylene	80		39 - 121	05/20/21 08:43	05/21/21 15:15	1
DCB Decachlorobiphenyl	39		19 - 120	05/20/21 08:43	05/21/21 15:15	1
DCB Decachlorobiphenyl	38		19 - 120	05/20/21 08:43	05/21/21 15:15	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	18.5		4.03	0.72	ng/L		05/27/21 13:28	06/01/21 18:10	1
Perfluoropentanoic acid (PFPeA)	25.3		1.61	0.38	ng/L		05/27/21 13:28	06/01/21 18:10	1
Perfluorohexanoic acid (PFHxA)	53.8		1.61	0.36	ng/L		05/27/21 13:28	06/01/21 18:10	1
Perfluoroheptanoic acid (PFHpA)	23.5		1.61	0.19	ng/L		05/27/21 13:28	06/01/21 18:10	1
Perfluorooctanoic acid (PFOA)	43.7		1.61	0.34	ng/L		05/27/21 13:28	06/01/21 18:10	1
Perfluorononanoic acid (PFNA)	1.61	U	1.61	0.23	ng/L		05/27/21 13:28	06/01/21 18:10	1
Perfluorodecanoic acid (PFDA)	1.61	U	1.61	0.24	ng/L		05/27/21 13:28	06/01/21 18:10	1
Perfluoroundecanoic acid (PFUnA)	1.61	U	1.61	0.28	ng/L		05/27/21 13:28	06/01/21 18:10	1
Perfluorododecanoic acid (PFDoA)	1.61	U	1.61	0.31	ng/L		05/27/21 13:28	06/01/21 18:10	1
Perfluorotridecanoic acid (PFTriA)	1.61	U	1.61	0.35	ng/L		05/27/21 13:28	06/01/21 18:10	1
Perfluorotetradecanoic acid (PFTeA)	1.61	U	1.61	0.51	ng/L		05/27/21 13:28	06/01/21 18:10	1
Perfluorobutanesulfonic acid (PFBS)	4.00		1.61	0.20	ng/L		05/27/21 13:28	06/01/21 18:10	1
Perfluorohexanesulfonic acid (PFHxS)	6.58		1.61	0.24	ng/L		05/27/21 13:28	06/01/21 18:10	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.61	U	1.61	0.19	ng/L		05/27/21 13:28	06/01/21 18:10	1
Perfluorodecanesulfonic acid (PFDS)	1.61	U	1.61	0.25	ng/L		05/27/21 13:28	06/01/21 18:10	1
Perfluorooctanesulfonic acid (PFOS)	1.89		1.61	0.23	ng/L		05/27/21 13:28	06/01/21 18:10	1
Perfluorooctanesulfonamide (FOSA)	1.61	U	1.61	0.46	ng/L		05/27/21 13:28	06/01/21 18:10	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-12B

Lab Sample ID: 480-184888-5

Date Collected: 05/17/21 13:45

Matrix: Water

Date Received: 05/19/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.03	U	4.03	0.73	ng/L		05/27/21 13:28	06/01/21 18:10	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.03	U	4.03	0.60	ng/L		05/27/21 13:28	06/01/21 18:10	1
6:2 FTS	4.03	U	4.03	0.88	ng/L		05/27/21 13:28	06/01/21 18:10	1
8:2 FTS	1.61	U	1.61	0.31	ng/L		05/27/21 13:28	06/01/21 18:10	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	75		25 - 150				05/27/21 13:28	06/01/21 18:10	1
13C4 PFBA	39		25 - 150				05/27/21 13:28	06/01/21 18:10	1
13C5 PFPeA	59		25 - 150				05/27/21 13:28	06/01/21 18:10	1
13C2 PFHxA	73		50 - 150				05/27/21 13:28	06/01/21 18:10	1
13C4 PFHpA	83		50 - 150				05/27/21 13:28	06/01/21 18:10	1
13C4 PFOA	98		50 - 150				05/27/21 13:28	06/01/21 18:10	1
13C5 PFNA	92		50 - 150				05/27/21 13:28	06/01/21 18:10	1
13C2 PFDA	96		50 - 150				05/27/21 13:28	06/01/21 18:10	1
13C2 PFUnA	85		50 - 150				05/27/21 13:28	06/01/21 18:10	1
13C2 PFDoA	86		50 - 150				05/27/21 13:28	06/01/21 18:10	1
13C2 PFTeDA	83		50 - 150				05/27/21 13:28	06/01/21 18:10	1
13C3 PFBS	68		50 - 150				05/27/21 13:28	06/01/21 18:10	1
18O2 PFHxS	78		50 - 150				05/27/21 13:28	06/01/21 18:10	1
13C4 PFOS	82		50 - 150				05/27/21 13:28	06/01/21 18:10	1
d3-NMeFOSAA	104		50 - 150				05/27/21 13:28	06/01/21 18:10	1
d5-NEtFOSAA	104		50 - 150				05/27/21 13:28	06/01/21 18:10	1
M2-6:2 FTS	139		25 - 150				05/27/21 13:28	06/01/21 18:10	1
M2-8:2 FTS	95		25 - 150				05/27/21 13:28	06/01/21 18:10	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	60.0	ug/L		05/24/21 10:55	05/25/21 16:15	1
Antimony	20.0	U	20.0	6.8	ug/L		05/24/21 10:55	05/25/21 16:15	1
Arsenic	5.9	J	15.0	5.6	ug/L		05/24/21 10:55	05/25/21 16:15	1
Barium	149		2.0	0.70	ug/L		05/24/21 10:55	05/25/21 16:15	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/24/21 10:55	05/25/21 16:15	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/24/21 10:55	05/25/21 16:15	1
Calcium	134000		500	100	ug/L		05/24/21 10:55	05/25/21 16:15	1
Chromium	4.0	U	4.0	1.0	ug/L		05/24/21 10:55	05/25/21 16:15	1
Cobalt	1.3	J	4.0	0.63	ug/L		05/24/21 10:55	05/25/21 16:15	1
Copper	10.0	U	10.0	1.6	ug/L		05/24/21 10:55	05/25/21 16:15	1
Iron	1030		50.0	19.3	ug/L		05/24/21 10:55	05/25/21 16:15	1
Lead	10.0	U	10.0	3.0	ug/L		05/24/21 10:55	05/25/21 16:15	1
Magnesium	38700		200	43.4	ug/L		05/24/21 10:55	05/25/21 16:15	1
Manganese	774		3.0	0.40	ug/L		05/24/21 10:55	05/25/21 16:15	1
Nickel	5.6	J	10.0	1.3	ug/L		05/24/21 10:55	05/25/21 16:15	1
Potassium	1860	B	500	100	ug/L		05/24/21 10:55	05/25/21 16:15	1
Selenium	25.0	U	25.0	8.7	ug/L		05/24/21 10:55	05/25/21 16:15	1
Silver	6.0	U	6.0	1.7	ug/L		05/24/21 10:55	05/25/21 16:15	1
Sodium	74900		1000	324	ug/L		05/24/21 10:55	05/25/21 16:15	1
Thallium	20.0	U	20.0	10.2	ug/L		05/24/21 10:55	05/25/21 16:15	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/24/21 10:55	05/25/21 16:15	1
Zinc	1.7	J	10.0	1.5	ug/L		05/24/21 10:55	05/25/21 16:15	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-12B

Lab Sample ID: 480-184888-5

Date Collected: 05/17/21 13:45

Matrix: Water

Date Received: 05/19/21 08:00

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/26/21 13:46	05/26/21 17:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	845		10.0	4.0	mg/L			05/21/21 09:12	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	79.2		4.0	4.0	mg/L			05/21/21 12:50	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-13B

Lab Sample ID: 480-184888-6

Date Collected: 05/17/21 15:05

Matrix: Water

Date Received: 05/19/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/20/21 19:09	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/20/21 19:09	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/20/21 19:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/20/21 19:09	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/20/21 19:09	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/20/21 19:09	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/20/21 19:09	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/20/21 19:09	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/20/21 19:09	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/20/21 19:09	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/20/21 19:09	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/20/21 19:09	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/20/21 19:09	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/20/21 19:09	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/20/21 19:09	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/20/21 19:09	1
Acetone	10	U	10	3.0	ug/L			05/20/21 19:09	1
Benzene	1.0	U	1.0	0.41	ug/L			05/20/21 19:09	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/20/21 19:09	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/20/21 19:09	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/20/21 19:09	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/20/21 19:09	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/20/21 19:09	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/20/21 19:09	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/20/21 19:09	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/20/21 19:09	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/20/21 19:09	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/20/21 19:09	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/20/21 19:09	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/20/21 19:09	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/20/21 19:09	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/20/21 19:09	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/20/21 19:09	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/20/21 19:09	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/20/21 19:09	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/20/21 19:09	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/20/21 19:09	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/20/21 19:09	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/20/21 19:09	1
Styrene	1.0	U	1.0	0.73	ug/L			05/20/21 19:09	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/20/21 19:09	1
Toluene	1.0	U	1.0	0.51	ug/L			05/20/21 19:09	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/20/21 19:09	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/20/21 19:09	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/20/21 19:09	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/20/21 19:09	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/20/21 19:09	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/20/21 19:09	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-13B

Lab Sample ID: 480-184888-6

Date Collected: 05/17/21 15:05

Matrix: Water

Date Received: 05/19/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		80 - 120		05/20/21 19:09	1
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		05/20/21 19:09	1
4-Bromofluorobenzene (Surr)	93		73 - 120		05/20/21 19:09	1
Dibromofluoromethane (Surr)	113		75 - 123		05/20/21 19:09	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.19	U	0.19	0.096	ug/L		05/20/21 08:30	05/22/21 01:15	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	31		15 - 110				05/20/21 08:30	05/22/21 01:15	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 15:28	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 15:28	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 15:28	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 15:28	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 15:28	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 15:28	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 15:28	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 15:28	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 15:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	82		39 - 121	05/20/21 08:43	05/21/21 15:28	1
Tetrachloro-m-xylene	83		39 - 121	05/20/21 08:43	05/21/21 15:28	1
DCB Decachlorobiphenyl	44		19 - 120	05/20/21 08:43	05/21/21 15:28	1
DCB Decachlorobiphenyl	43		19 - 120	05/20/21 08:43	05/21/21 15:28	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	4.92		4.49	0.80	ng/L		05/27/21 13:28	06/01/21 18:18	1
Perfluoropentanoic acid (PFPeA)	1.94		1.80	0.43	ng/L		05/27/21 13:28	06/01/21 18:18	1
Perfluorohexanoic acid (PFHxA)	2.16		1.80	0.41	ng/L		05/27/21 13:28	06/01/21 18:18	1
Perfluoroheptanoic acid (PFHpA)	1.36	J	1.80	0.21	ng/L		05/27/21 13:28	06/01/21 18:18	1
Perfluorooctanoic acid (PFOA)	3.70		1.80	0.38	ng/L		05/27/21 13:28	06/01/21 18:18	1
Perfluorononanoic acid (PFNA)	1.80	U	1.80	0.25	ng/L		05/27/21 13:28	06/01/21 18:18	1
Perfluorodecanoic acid (PFDA)	1.80	U	1.80	0.27	ng/L		05/27/21 13:28	06/01/21 18:18	1
Perfluoroundecanoic acid (PFUnA)	1.80	U	1.80	0.31	ng/L		05/27/21 13:28	06/01/21 18:18	1
Perfluorododecanoic acid (PFDoA)	1.80	U	1.80	0.35	ng/L		05/27/21 13:28	06/01/21 18:18	1
Perfluorotridecanoic acid (PFTriA)	1.80	U	1.80	0.39	ng/L		05/27/21 13:28	06/01/21 18:18	1
Perfluorotetradecanoic acid (PFTeA)	1.80	U	1.80	0.57	ng/L		05/27/21 13:28	06/01/21 18:18	1
Perfluorobutanesulfonic acid (PFBS)	0.42	J	1.80	0.22	ng/L		05/27/21 13:28	06/01/21 18:18	1
Perfluorohexanesulfonic acid (PFHxS)	0.31	J	1.80	0.27	ng/L		05/27/21 13:28	06/01/21 18:18	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.80	U	1.80	0.21	ng/L		05/27/21 13:28	06/01/21 18:18	1
Perfluorodecanesulfonic acid (PFDS)	1.80	U	1.80	0.27	ng/L		05/27/21 13:28	06/01/21 18:18	1
Perfluorooctanesulfonic acid (PFOS)	0.43	J	1.80	0.26	ng/L		05/27/21 13:28	06/01/21 18:18	1
Perfluorooctanesulfonamide (FOSA)	1.80	U	1.80	0.52	ng/L		05/27/21 13:28	06/01/21 18:18	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-13B

Lab Sample ID: 480-184888-6

Date Collected: 05/17/21 15:05

Matrix: Water

Date Received: 05/19/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.49	U	4.49	0.81	ng/L		05/27/21 13:28	06/01/21 18:18	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.49	U	4.49	0.67	ng/L		05/27/21 13:28	06/01/21 18:18	1
6:2 FTS	4.49	U	4.49	0.98	ng/L		05/27/21 13:28	06/01/21 18:18	1
8:2 FTS	1.80	U	1.80	0.35	ng/L		05/27/21 13:28	06/01/21 18:18	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	87		25 - 150				05/27/21 13:28	06/01/21 18:18	1
13C4 PFBA	64		25 - 150				05/27/21 13:28	06/01/21 18:18	1
13C5 PFPeA	94		25 - 150				05/27/21 13:28	06/01/21 18:18	1
13C2 PFHxA	95		50 - 150				05/27/21 13:28	06/01/21 18:18	1
13C4 PFHpA	98		50 - 150				05/27/21 13:28	06/01/21 18:18	1
13C4 PFOA	96		50 - 150				05/27/21 13:28	06/01/21 18:18	1
13C5 PFNA	100		50 - 150				05/27/21 13:28	06/01/21 18:18	1
13C2 PFDA	103		50 - 150				05/27/21 13:28	06/01/21 18:18	1
13C2 PFUnA	108		50 - 150				05/27/21 13:28	06/01/21 18:18	1
13C2 PFDoA	101		50 - 150				05/27/21 13:28	06/01/21 18:18	1
13C2 PFTeDA	75		50 - 150				05/27/21 13:28	06/01/21 18:18	1
13C3 PFBS	82		50 - 150				05/27/21 13:28	06/01/21 18:18	1
18O2 PFHxS	92		50 - 150				05/27/21 13:28	06/01/21 18:18	1
13C4 PFOS	92		50 - 150				05/27/21 13:28	06/01/21 18:18	1
d3-NMeFOSAA	104		50 - 150				05/27/21 13:28	06/01/21 18:18	1
d5-NEtFOSAA	117		50 - 150				05/27/21 13:28	06/01/21 18:18	1
M2-6:2 FTS	89		25 - 150				05/27/21 13:28	06/01/21 18:18	1
M2-8:2 FTS	106		25 - 150				05/27/21 13:28	06/01/21 18:18	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	456		200	60.0	ug/L		05/24/21 10:55	05/25/21 16:18	1
Antimony	20.0	U	20.0	6.8	ug/L		05/24/21 10:55	05/25/21 16:18	1
Arsenic	8.8	J	15.0	5.6	ug/L		05/24/21 10:55	05/25/21 16:18	1
Barium	119		2.0	0.70	ug/L		05/24/21 10:55	05/25/21 16:18	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/24/21 10:55	05/25/21 16:18	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/24/21 10:55	05/25/21 16:18	1
Calcium	17800		500	100	ug/L		05/24/21 10:55	05/25/21 16:18	1
Chromium	4.0	U	4.0	1.0	ug/L		05/24/21 10:55	05/25/21 16:18	1
Cobalt	0.85	J	4.0	0.63	ug/L		05/24/21 10:55	05/25/21 16:18	1
Copper	2.0	J	10.0	1.6	ug/L		05/24/21 10:55	05/25/21 16:18	1
Iron	185		50.0	19.3	ug/L		05/24/21 10:55	05/25/21 16:18	1
Lead	10.0	U	10.0	3.0	ug/L		05/24/21 10:55	05/25/21 16:18	1
Magnesium	168	J	200	43.4	ug/L		05/24/21 10:55	05/25/21 16:18	1
Manganese	3.9		3.0	0.40	ug/L		05/24/21 10:55	05/25/21 16:18	1
Nickel	1.8	J	10.0	1.3	ug/L		05/24/21 10:55	05/25/21 16:18	1
Potassium	16800	B	500	100	ug/L		05/24/21 10:55	05/25/21 16:18	1
Selenium	25.0	U	25.0	8.7	ug/L		05/24/21 10:55	05/25/21 16:18	1
Silver	6.0	U	6.0	1.7	ug/L		05/24/21 10:55	05/25/21 16:18	1
Sodium	46800		1000	324	ug/L		05/24/21 10:55	05/25/21 16:18	1
Thallium	20.0	U	20.0	10.2	ug/L		05/24/21 10:55	05/25/21 16:18	1
Vanadium	10.7		5.0	1.5	ug/L		05/24/21 10:55	05/25/21 16:18	1
Zinc	3.4	J	10.0	1.5	ug/L		05/24/21 10:55	05/25/21 16:18	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-13B

Lab Sample ID: 480-184888-6

Date Collected: 05/17/21 15:05

Matrix: Water

Date Received: 05/19/21 08:00

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/26/21 13:46	05/26/21 17:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	231		10.0	4.0	mg/L			05/21/21 09:12	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	7.6		4.0	4.0	mg/L			05/21/21 12:50	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-15

Lab Sample ID: 480-184888-7

Date Collected: 05/17/21 16:40

Matrix: Water

Date Received: 05/19/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/20/21 19:33	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/20/21 19:33	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/20/21 19:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/20/21 19:33	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/20/21 19:33	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/20/21 19:33	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/20/21 19:33	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/20/21 19:33	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/20/21 19:33	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/20/21 19:33	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/20/21 19:33	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/20/21 19:33	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/20/21 19:33	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/20/21 19:33	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/20/21 19:33	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/20/21 19:33	1
Acetone	10	U	10	3.0	ug/L			05/20/21 19:33	1
Benzene	1.0	U	1.0	0.41	ug/L			05/20/21 19:33	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/20/21 19:33	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/20/21 19:33	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/20/21 19:33	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/20/21 19:33	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/20/21 19:33	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/20/21 19:33	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/20/21 19:33	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/20/21 19:33	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/20/21 19:33	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/20/21 19:33	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/20/21 19:33	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/20/21 19:33	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/20/21 19:33	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/20/21 19:33	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/20/21 19:33	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/20/21 19:33	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/20/21 19:33	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/20/21 19:33	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/20/21 19:33	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/20/21 19:33	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/20/21 19:33	1
Styrene	1.0	U	1.0	0.73	ug/L			05/20/21 19:33	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/20/21 19:33	1
Toluene	1.0	U	1.0	0.51	ug/L			05/20/21 19:33	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/20/21 19:33	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/20/21 19:33	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/20/21 19:33	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/20/21 19:33	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/20/21 19:33	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/20/21 19:33	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-15

Date Collected: 05/17/21 16:40

Date Received: 05/19/21 08:00

Lab Sample ID: 480-184888-7

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		05/20/21 19:33	1
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		05/20/21 19:33	1
4-Bromofluorobenzene (Surr)	99		73 - 120		05/20/21 19:33	1
Dibromofluoromethane (Surr)	109		75 - 123		05/20/21 19:33	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.13	J	0.19	0.095	ug/L		05/20/21 08:30	05/22/21 01:39	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	29		15 - 110				05/20/21 08:30	05/22/21 01:39	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 16:06	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 16:06	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 16:06	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 16:06	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 16:06	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 16:06	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 16:06	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 16:06	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 16:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	91		39 - 121	05/20/21 08:43	05/21/21 16:06	1
Tetrachloro-m-xylene	90		39 - 121	05/20/21 08:43	05/21/21 16:06	1
DCB Decachlorobiphenyl	85		19 - 120	05/20/21 08:43	05/21/21 16:06	1
DCB Decachlorobiphenyl	79		19 - 120	05/20/21 08:43	05/21/21 16:06	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	9.36		4.41	0.79	ng/L		05/27/21 13:28	06/01/21 18:26	1
Perfluoropentanoic acid (PFPeA)	30.9		1.77	0.42	ng/L		05/27/21 13:28	06/01/21 18:26	1
Perfluorohexanoic acid (PFHxA)	19.7		1.77	0.40	ng/L		05/27/21 13:28	06/01/21 18:26	1
Perfluoroheptanoic acid (PFHpA)	10.7		1.77	0.21	ng/L		05/27/21 13:28	06/01/21 18:26	1
Perfluorooctanoic acid (PFOA)	6.99		1.77	0.37	ng/L		05/27/21 13:28	06/01/21 18:26	1
Perfluorononanoic acid (PFNA)	1.77	U	1.77	0.25	ng/L		05/27/21 13:28	06/01/21 18:26	1
Perfluorodecanoic acid (PFDA)	1.77	U	1.77	0.27	ng/L		05/27/21 13:28	06/01/21 18:26	1
Perfluoroundecanoic acid (PFUnA)	1.77	U	1.77	0.30	ng/L		05/27/21 13:28	06/01/21 18:26	1
Perfluorododecanoic acid (PFDoA)	1.77	U	1.77	0.34	ng/L		05/27/21 13:28	06/01/21 18:26	1
Perfluorotridecanoic acid (PFTriA)	1.77	U	1.77	0.38	ng/L		05/27/21 13:28	06/01/21 18:26	1
Perfluorotetradecanoic acid (PFTeA)	1.77	U	1.77	0.56	ng/L		05/27/21 13:28	06/01/21 18:26	1
Perfluorobutanesulfonic acid (PFBS)	0.54	J	1.77	0.22	ng/L		05/27/21 13:28	06/01/21 18:26	1
Perfluorohexanesulfonic acid (PFHxS)	1.67	J	1.77	0.27	ng/L		05/27/21 13:28	06/01/21 18:26	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.77	U	1.77	0.21	ng/L		05/27/21 13:28	06/01/21 18:26	1
Perfluorodecanesulfonic acid (PFDS)	1.77	U	1.77	0.27	ng/L		05/27/21 13:28	06/01/21 18:26	1
Perfluorooctanesulfonic acid (PFOS)	0.86	J	1.77	0.26	ng/L		05/27/21 13:28	06/01/21 18:26	1
Perfluorooctanesulfonamide (FOSA)	1.77	U	1.77	0.51	ng/L		05/27/21 13:28	06/01/21 18:26	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-15

Lab Sample ID: 480-184888-7

Date Collected: 05/17/21 16:40

Matrix: Water

Date Received: 05/19/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.41	U	4.41	0.80	ng/L		05/27/21 13:28	06/01/21 18:26	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.41	U	4.41	0.66	ng/L		05/27/21 13:28	06/01/21 18:26	1
6:2 FTS	7.59		4.41	0.97	ng/L		05/27/21 13:28	06/01/21 18:26	1
8:2 FTS	1.77	U	1.77	0.34	ng/L		05/27/21 13:28	06/01/21 18:26	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	87		25 - 150				05/27/21 13:28	06/01/21 18:26	1
13C4 PFBA	91		25 - 150				05/27/21 13:28	06/01/21 18:26	1
13C5 PFPeA	100		25 - 150				05/27/21 13:28	06/01/21 18:26	1
13C2 PFHxA	103		50 - 150				05/27/21 13:28	06/01/21 18:26	1
13C4 PFHpA	100		50 - 150				05/27/21 13:28	06/01/21 18:26	1
13C4 PFOA	100		50 - 150				05/27/21 13:28	06/01/21 18:26	1
13C5 PFNA	103		50 - 150				05/27/21 13:28	06/01/21 18:26	1
13C2 PFDA	105		50 - 150				05/27/21 13:28	06/01/21 18:26	1
13C2 PFUnA	92		50 - 150				05/27/21 13:28	06/01/21 18:26	1
13C2 PFDoA	88		50 - 150				05/27/21 13:28	06/01/21 18:26	1
13C2 PFTeDA	87		50 - 150				05/27/21 13:28	06/01/21 18:26	1
13C3 PFBS	88		50 - 150				05/27/21 13:28	06/01/21 18:26	1
18O2 PFHxS	93		50 - 150				05/27/21 13:28	06/01/21 18:26	1
13C4 PFOS	93		50 - 150				05/27/21 13:28	06/01/21 18:26	1
d3-NMeFOSAA	111		50 - 150				05/27/21 13:28	06/01/21 18:26	1
d5-NEtFOSAA	114		50 - 150				05/27/21 13:28	06/01/21 18:26	1
M2-6:2 FTS	95		25 - 150				05/27/21 13:28	06/01/21 18:26	1
M2-8:2 FTS	107		25 - 150				05/27/21 13:28	06/01/21 18:26	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	60.0	ug/L		05/24/21 10:55	05/25/21 16:22	1
Antimony	20.0	U	20.0	6.8	ug/L		05/24/21 10:55	05/25/21 16:22	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/24/21 10:55	05/25/21 16:22	1
Barium	52.2		2.0	0.70	ug/L		05/24/21 10:55	05/25/21 16:22	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/24/21 10:55	05/25/21 16:22	1
Cadmium	0.63	J	2.0	0.50	ug/L		05/24/21 10:55	05/25/21 16:22	1
Calcium	38800		500	100	ug/L		05/24/21 10:55	05/25/21 16:22	1
Chromium	4.0	U	4.0	1.0	ug/L		05/24/21 10:55	05/25/21 16:22	1
Cobalt	4.0	U	4.0	0.63	ug/L		05/24/21 10:55	05/25/21 16:22	1
Copper	10.0	U	10.0	1.6	ug/L		05/24/21 10:55	05/25/21 16:22	1
Iron	50.0	U	50.0	19.3	ug/L		05/24/21 10:55	05/25/21 16:22	1
Lead	10.0	U	10.0	3.0	ug/L		05/24/21 10:55	05/25/21 16:22	1
Magnesium	105000		200	43.4	ug/L		05/24/21 10:55	05/25/21 16:22	1
Manganese	36.0		3.0	0.40	ug/L		05/24/21 10:55	05/25/21 16:22	1
Nickel	10.0	U	10.0	1.3	ug/L		05/24/21 10:55	05/25/21 16:22	1
Potassium	3240	B	500	100	ug/L		05/24/21 10:55	05/25/21 16:22	1
Selenium	25.0	U	25.0	8.7	ug/L		05/24/21 10:55	05/25/21 16:22	1
Silver	6.0	U	6.0	1.7	ug/L		05/24/21 10:55	05/25/21 16:22	1
Sodium	117000		1000	324	ug/L		05/24/21 10:55	05/25/21 16:22	1
Thallium	20.0	U	20.0	10.2	ug/L		05/24/21 10:55	05/25/21 16:22	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/24/21 10:55	05/25/21 16:22	1
Zinc	1.7	J	10.0	1.5	ug/L		05/24/21 10:55	05/25/21 16:22	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-15

Date Collected: 05/17/21 16:40

Date Received: 05/19/21 08:00

Lab Sample ID: 480-184888-7

Matrix: Water

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/26/21 13:46	05/26/21 17:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	770		10.0	4.0	mg/L			05/21/21 09:12	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	4.0	U	4.0	4.0	mg/L			05/21/21 12:50	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: EW-1

Lab Sample ID: 480-184959-1

Date Collected: 05/18/21 11:07

Matrix: Water

Date Received: 05/20/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	10	U	10	8.2	ug/L			05/25/21 11:24	10
1,1,2,2-Tetrachloroethane	10	U	10	2.1	ug/L			05/25/21 11:24	10
1,1,2-Trichloroethane	10	U	10	2.3	ug/L			05/25/21 11:24	10
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	3.1	ug/L			05/25/21 11:24	10
1,1-Dichloroethane	10	U	10	3.8	ug/L			05/25/21 11:24	10
1,1-Dichloroethene	10	U	10	2.9	ug/L			05/25/21 11:24	10
1,2,4-Trichlorobenzene	10	U	10	4.1	ug/L			05/25/21 11:24	10
1,2-Dibromo-3-Chloropropane	10	U	10	3.9	ug/L			05/25/21 11:24	10
1,2-Dichlorobenzene	10	U	10	7.9	ug/L			05/25/21 11:24	10
1,2-Dichloroethane	10	U	10	2.1	ug/L			05/25/21 11:24	10
1,2-Dichloropropane	10	U	10	7.2	ug/L			05/25/21 11:24	10
1,3-Dichlorobenzene	10	U	10	7.8	ug/L			05/25/21 11:24	10
1,4-Dichlorobenzene	10	U	10	8.4	ug/L			05/25/21 11:24	10
2-Butanone (MEK)	100	U	100	13	ug/L			05/25/21 11:24	10
2-Hexanone	50	U	50	12	ug/L			05/25/21 11:24	10
4-Methyl-2-pentanone (MIBK)	45	J	50	21	ug/L			05/25/21 11:24	10
Acetone	100	U	100	30	ug/L			05/25/21 11:24	10
Benzene	9.7	J	10	4.1	ug/L			05/25/21 11:24	10
Bromodichloromethane	10	U	10	3.9	ug/L			05/25/21 11:24	10
Bromoform	10	U	10	2.6	ug/L			05/25/21 11:24	10
Bromomethane	10	U	10	6.9	ug/L			05/25/21 11:24	10
Carbon disulfide	10	U	10	1.9	ug/L			05/25/21 11:24	10
Carbon tetrachloride	10	U	10	2.7	ug/L			05/25/21 11:24	10
Chlorobenzene	12		10	7.5	ug/L			05/25/21 11:24	10
Dibromochloromethane	10	U	10	3.2	ug/L			05/25/21 11:24	10
Chloroethane	10	U	10	3.2	ug/L			05/25/21 11:24	10
Chloroform	10	U	10	3.4	ug/L			05/25/21 11:24	10
Chloromethane	10	U	10	3.5	ug/L			05/25/21 11:24	10
cis-1,2-Dichloroethene	390		10	8.1	ug/L			05/25/21 11:24	10
cis-1,3-Dichloropropene	10	U	10	3.6	ug/L			05/25/21 11:24	10
Cyclohexane	10	U	10	1.8	ug/L			05/25/21 11:24	10
Dichlorodifluoromethane	10	U	10	6.8	ug/L			05/25/21 11:24	10
Ethylbenzene	10	U	10	7.4	ug/L			05/25/21 11:24	10
1,2-Dibromoethane	10	U	10	7.3	ug/L			05/25/21 11:24	10
Isopropylbenzene	10	U	10	7.9	ug/L			05/25/21 11:24	10
Methyl acetate	25	U	25	13	ug/L			05/25/21 11:24	10
Methyl tert-butyl ether	10	U	10	1.6	ug/L			05/25/21 11:24	10
Methylcyclohexane	10	U	10	1.6	ug/L			05/25/21 11:24	10
Methylene Chloride	10	U	10	4.4	ug/L			05/25/21 11:24	10
Styrene	10	U	10	7.3	ug/L			05/25/21 11:24	10
Tetrachloroethene	10	U	10	3.6	ug/L			05/25/21 11:24	10
Toluene	13		10	5.1	ug/L			05/25/21 11:24	10
trans-1,2-Dichloroethene	10	U	10	9.0	ug/L			05/25/21 11:24	10
trans-1,3-Dichloropropene	10	U	10	3.7	ug/L			05/25/21 11:24	10
Trichloroethene	10	U	10	4.6	ug/L			05/25/21 11:24	10
Trichlorofluoromethane	10	U	10	8.8	ug/L			05/25/21 11:24	10
Vinyl chloride	560		10	9.0	ug/L			05/25/21 11:24	10
Xylenes, Total	25		20	6.6	ug/L			05/25/21 11:24	10

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: EW-1

Lab Sample ID: 480-184959-1

Date Collected: 05/18/21 11:07

Matrix: Water

Date Received: 05/20/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		05/25/21 11:24	10
1,2-Dichloroethane-d4 (Surr)	91		77 - 120		05/25/21 11:24	10
4-Bromofluorobenzene (Surr)	102		73 - 120		05/25/21 11:24	10
Dibromofluoromethane (Surr)	98		75 - 123		05/25/21 11:24	10

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	130	E B	8.0	4.0	ug/L		05/20/21 14:57	05/26/21 18:05	40
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	28		15 - 110				05/20/21 14:57	05/26/21 18:05	40

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	8600		500	180	ug/L		05/26/21 15:25	05/28/21 10:54	1000
PCB-1221	500	U	500	180	ug/L		05/26/21 15:25	05/28/21 10:54	1000
PCB-1232	500	U	500	180	ug/L		05/26/21 15:25	05/28/21 10:54	1000
PCB-1242	500	U	500	180	ug/L		05/26/21 15:25	05/28/21 10:54	1000
PCB-1248	500	U	500	180	ug/L		05/26/21 15:25	05/28/21 10:54	1000
PCB-1254	500	U	500	250	ug/L		05/26/21 15:25	05/28/21 10:54	1000
PCB-1260	500	U	500	250	ug/L		05/26/21 15:25	05/28/21 10:54	1000
PCB-1262	500	U	500	250	ug/L		05/26/21 15:25	05/28/21 10:54	1000
PCB-1268	500	U	500	250	ug/L		05/26/21 15:25	05/28/21 10:54	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	*	39 - 121	05/26/21 15:25	05/28/21 10:54	1000
Tetrachloro-m-xylene	0	*	39 - 121	05/26/21 15:25	05/28/21 10:54	1000
DCB Decachlorobiphenyl	0	*	19 - 120	05/26/21 15:25	05/28/21 10:54	1000
DCB Decachlorobiphenyl	0	*	19 - 120	05/26/21 15:25	05/28/21 10:54	1000

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	131	B	4.06	0.72	ng/L		05/28/21 16:14	06/01/21 21:20	1
Perfluoropentanoic acid (PFPeA)	226		1.62	0.38	ng/L		05/28/21 16:14	06/01/21 21:20	1
Perfluoroheptanoic acid (PFHpA)	150	B	1.62	0.19	ng/L		05/28/21 16:14	06/01/21 21:20	1
Perfluorononanoic acid (PFNA)	2.24		1.62	0.23	ng/L		05/28/21 16:14	06/01/21 21:20	1
Perfluorodecanoic acid (PFDA)	0.47	J B	1.62	0.25	ng/L		05/28/21 16:14	06/01/21 21:20	1
Perfluoroundecanoic acid (PFUnA)	1.62	U	1.62	0.28	ng/L		05/28/21 16:14	06/01/21 21:20	1
Perfluorododecanoic acid (PFDoA)	1.62	U	1.62	0.31	ng/L		05/28/21 16:14	06/01/21 21:20	1
Perfluorotridecanoic acid (PFTriA)	1.62	U	1.62	0.35	ng/L		05/28/21 16:14	06/01/21 21:20	1
Perfluorotetradecanoic acid (PFTeA)	1.62	U	1.62	0.51	ng/L		05/28/21 16:14	06/01/21 21:20	1
Perfluorobutanesulfonic acid (PFBS)	9.97	B	1.62	0.20	ng/L		05/28/21 16:14	06/01/21 21:20	1
Perfluorohexanesulfonic acid (PFHxS)	32.6		1.62	0.25	ng/L		05/28/21 16:14	06/01/21 21:20	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.83		1.62	0.19	ng/L		05/28/21 16:14	06/01/21 21:20	1
Perfluorodecanesulfonic acid (PFDS)	1.62	U	1.62	0.25	ng/L		05/28/21 16:14	06/01/21 21:20	1
Perfluorooctanesulfonic acid (PFOS)	60.5	B	1.62	0.24	ng/L		05/28/21 16:14	06/01/21 21:20	1
Perfluorooctanesulfonamide (FOSA)	1.62	U	1.62	0.47	ng/L		05/28/21 16:14	06/01/21 21:20	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.98	J	4.06	0.73	ng/L		05/28/21 16:14	06/01/21 21:20	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: EW-1

Lab Sample ID: 480-184959-1

Date Collected: 05/18/21 11:07

Matrix: Water

Date Received: 05/20/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	51.1		4.06	0.60	ng/L		05/28/21 16:14	06/01/21 21:20	1
6:2 FTS	2.12	J	4.06	0.89	ng/L		05/28/21 16:14	06/01/21 21:20	1
8:2 FTS	1.62	U	1.62	0.32	ng/L		05/28/21 16:14	06/01/21 21:20	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	79		25 - 150				05/28/21 16:14	06/01/21 21:20	1
13C4 PFBA	24	*	25 - 150				05/28/21 16:14	06/01/21 21:20	1
13C5 PFPeA	57		25 - 150				05/28/21 16:14	06/01/21 21:20	1
13C4 PFHpA	85		50 - 150				05/28/21 16:14	06/01/21 21:20	1
13C5 PFNA	105		50 - 150				05/28/21 16:14	06/01/21 21:20	1
13C2 PFDA	132		50 - 150				05/28/21 16:14	06/01/21 21:20	1
13C2 PFUnA	132		50 - 150				05/28/21 16:14	06/01/21 21:20	1
13C2 PFDaA	133		50 - 150				05/28/21 16:14	06/01/21 21:20	1
13C2 PFTeDA	110		50 - 150				05/28/21 16:14	06/01/21 21:20	1
13C3 PFBS	81		50 - 150				05/28/21 16:14	06/01/21 21:20	1
18O2 PFHxS	100		50 - 150				05/28/21 16:14	06/01/21 21:20	1
13C4 PFOS	96		50 - 150				05/28/21 16:14	06/01/21 21:20	1
d3-NMeFOSAA	141		50 - 150				05/28/21 16:14	06/01/21 21:20	1
d5-NEtFOSAA	152	*	50 - 150				05/28/21 16:14	06/01/21 21:20	1
M2-6:2 FTS	192	*	25 - 150				05/28/21 16:14	06/01/21 21:20	1
M2-8:2 FTS	194	*	25 - 150				05/28/21 16:14	06/01/21 21:20	1

Method: 537 (modified) - Fluorinated Alkyl Substances - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	401		8.11	1.83	ng/L		05/28/21 16:14	06/02/21 14:13	5
Perfluorooctanoic acid (PFOA)	1140		8.11	1.72	ng/L		05/28/21 16:14	06/02/21 14:13	5
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C2 PFHxA	78		50 - 150				05/28/21 16:14	06/02/21 14:13	5
13C4 PFOA	99		50 - 150				05/28/21 16:14	06/02/21 14:13	5

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	60.0	ug/L		05/24/21 14:40	05/26/21 14:11	1
Antimony	20.0	U	20.0	6.8	ug/L		05/24/21 14:40	05/26/21 14:11	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/24/21 14:40	05/26/21 14:11	1
Barium	498		2.0	0.70	ug/L		05/24/21 14:40	05/26/21 14:11	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/24/21 14:40	05/26/21 14:11	1
Cadmium	0.60	J	2.0	0.50	ug/L		05/24/21 14:40	05/26/21 14:11	1
Calcium	170000		500	100	ug/L		05/24/21 14:40	05/26/21 14:11	1
Chromium	2.7	J	4.0	1.0	ug/L		05/24/21 14:40	05/26/21 14:11	1
Cobalt	6.9		4.0	0.63	ug/L		05/24/21 14:40	05/26/21 14:11	1
Copper	11.2		10.0	1.6	ug/L		05/24/21 14:40	05/26/21 14:11	1
Iron	63600	B	50.0	19.3	ug/L		05/24/21 14:40	05/26/21 14:11	1
Lead	8.2	J	10.0	3.0	ug/L		05/24/21 14:40	05/26/21 14:11	1
Magnesium	61400		200	43.4	ug/L		05/24/21 14:40	05/26/21 14:11	1
Manganese	1020		3.0	0.40	ug/L		05/24/21 14:40	05/26/21 14:11	1
Nickel	27.2		10.0	1.3	ug/L		05/24/21 14:40	05/26/21 14:11	1
Potassium	42600		500	100	ug/L		05/24/21 14:40	05/26/21 14:11	1
Selenium	25.0	U	25.0	8.7	ug/L		05/24/21 14:40	05/26/21 14:11	1
Silver	6.0	U	6.0	1.7	ug/L		05/24/21 14:40	05/26/21 14:11	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: EW-1

Lab Sample ID: 480-184959-1

Date Collected: 05/18/21 11:07

Matrix: Water

Date Received: 05/20/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	234000		1000	324	ug/L		05/24/21 14:40	05/26/21 14:11	1
Thallium	20.0	U	20.0	10.2	ug/L		05/24/21 14:40	05/26/21 14:11	1
Vanadium	4.1	J	5.0	1.5	ug/L		05/24/21 14:40	05/26/21 14:11	1
Zinc	22.5		10.0	1.5	ug/L		05/24/21 14:40	05/26/21 14:11	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 17:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1510		20.0	8.0	mg/L			05/21/21 13:35	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	60.8		4.0	4.0	mg/L			05/22/21 16:46	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: EW-2

Lab Sample ID: 480-184959-2

Date Collected: 05/18/21 10:33

Matrix: Water

Date Received: 05/20/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.0	U	2.0	1.6	ug/L			05/24/21 23:59	2
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.42	ug/L			05/24/21 23:59	2
1,1,2-Trichloroethane	2.0	U	2.0	0.46	ug/L			05/24/21 23:59	2
1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U	2.0	0.62	ug/L			05/24/21 23:59	2
1,1-Dichloroethane	2.0	U	2.0	0.76	ug/L			05/24/21 23:59	2
1,1-Dichloroethene	2.0	U	2.0	0.58	ug/L			05/24/21 23:59	2
1,2,4-Trichlorobenzene	2.0	U	2.0	0.82	ug/L			05/24/21 23:59	2
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.78	ug/L			05/24/21 23:59	2
1,2-Dichlorobenzene	2.0	U	2.0	1.6	ug/L			05/24/21 23:59	2
1,2-Dichloroethane	2.0	U	2.0	0.42	ug/L			05/24/21 23:59	2
1,2-Dichloropropane	2.0	U	2.0	1.4	ug/L			05/24/21 23:59	2
1,3-Dichlorobenzene	2.0	U	2.0	1.6	ug/L			05/24/21 23:59	2
1,4-Dichlorobenzene	2.0	U	2.0	1.7	ug/L			05/24/21 23:59	2
2-Butanone (MEK)	20	U	20	2.6	ug/L			05/24/21 23:59	2
2-Hexanone	10	U	10	2.5	ug/L			05/24/21 23:59	2
4-Methyl-2-pentanone (MIBK)	10	U	10	4.2	ug/L			05/24/21 23:59	2
Acetone	9.6	J	20	6.0	ug/L			05/24/21 23:59	2
Benzene	3.4		2.0	0.82	ug/L			05/24/21 23:59	2
Bromodichloromethane	2.0	U	2.0	0.78	ug/L			05/24/21 23:59	2
Bromoform	2.0	U	2.0	0.52	ug/L			05/24/21 23:59	2
Bromomethane	2.0	U	2.0	1.4	ug/L			05/24/21 23:59	2
Carbon disulfide	2.0	U	2.0	0.38	ug/L			05/24/21 23:59	2
Carbon tetrachloride	2.0	U	2.0	0.54	ug/L			05/24/21 23:59	2
Chlorobenzene	1.5	J	2.0	1.5	ug/L			05/24/21 23:59	2
Dibromochloromethane	2.0	U	2.0	0.64	ug/L			05/24/21 23:59	2
Chloroethane	2.0	U	2.0	0.64	ug/L			05/24/21 23:59	2
Chloroform	2.0	U	2.0	0.68	ug/L			05/24/21 23:59	2
Chloromethane	2.0	U	2.0	0.70	ug/L			05/24/21 23:59	2
cis-1,2-Dichloroethene	2.0	U	2.0	1.6	ug/L			05/24/21 23:59	2
cis-1,3-Dichloropropene	2.0	U	2.0	0.72	ug/L			05/24/21 23:59	2
Cyclohexane	2.0	U	2.0	0.36	ug/L			05/24/21 23:59	2
Dichlorodifluoromethane	2.0	U	2.0	1.4	ug/L			05/24/21 23:59	2
Ethylbenzene	2.0	U	2.0	1.5	ug/L			05/24/21 23:59	2
1,2-Dibromoethane	2.0	U	2.0	1.5	ug/L			05/24/21 23:59	2
Isopropylbenzene	2.0	U	2.0	1.6	ug/L			05/24/21 23:59	2
Methyl acetate	5.0	U	5.0	2.6	ug/L			05/24/21 23:59	2
Methyl tert-butyl ether	0.71	J	2.0	0.32	ug/L			05/24/21 23:59	2
Methylcyclohexane	2.0	U	2.0	0.32	ug/L			05/24/21 23:59	2
Methylene Chloride	2.0	U	2.0	0.88	ug/L			05/24/21 23:59	2
Styrene	2.0	U	2.0	1.5	ug/L			05/24/21 23:59	2
Tetrachloroethene	2.0	U	2.0	0.72	ug/L			05/24/21 23:59	2
Toluene	2.0	U	2.0	1.0	ug/L			05/24/21 23:59	2
trans-1,2-Dichloroethene	2.0	U	2.0	1.8	ug/L			05/24/21 23:59	2
trans-1,3-Dichloropropene	2.0	U	2.0	0.74	ug/L			05/24/21 23:59	2
Trichloroethene	2.0	U	2.0	0.92	ug/L			05/24/21 23:59	2
Trichlorofluoromethane	2.0	U	2.0	1.8	ug/L			05/24/21 23:59	2
Vinyl chloride	2.0	U	2.0	1.8	ug/L			05/24/21 23:59	2
Xylenes, Total	4.0	U	4.0	1.3	ug/L			05/24/21 23:59	2

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: EW-2

Lab Sample ID: 480-184959-2

Date Collected: 05/18/21 10:33

Matrix: Water

Date Received: 05/20/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		80 - 120		05/24/21 23:59	2
1,2-Dichloroethane-d4 (Surr)	92		77 - 120		05/24/21 23:59	2
4-Bromofluorobenzene (Surr)	101		73 - 120		05/24/21 23:59	2
Dibromofluoromethane (Surr)	100		75 - 123		05/24/21 23:59	2

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	44	E B	2.0	1.0	ug/L		05/20/21 14:57	05/25/21 19:14	10
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	25		15 - 110				05/20/21 14:57	05/25/21 19:14	10

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.30	J	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 23:22	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 23:22	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 23:22	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 23:22	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 23:22	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 23:22	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 23:22	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 23:22	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 23:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		39 - 121	05/26/21 15:25	05/27/21 23:22	1
Tetrachloro-m-xylene	87		39 - 121	05/26/21 15:25	05/27/21 23:22	1
DCB Decachlorobiphenyl	50		19 - 120	05/26/21 15:25	05/27/21 23:22	1
DCB Decachlorobiphenyl	43		19 - 120	05/26/21 15:25	05/27/21 23:22	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	17.7	B	4.12	0.74	ng/L		05/28/21 16:14	06/01/21 21:28	1
Perfluoropentanoic acid (PFPeA)	26.3		1.65	0.39	ng/L		05/28/21 16:14	06/01/21 21:28	1
Perfluorohexanoic acid (PFHxA)	51.2		1.65	0.37	ng/L		05/28/21 16:14	06/02/21 14:21	1
Perfluoroheptanoic acid (PFHpA)	20.6	B	1.65	0.20	ng/L		05/28/21 16:14	06/01/21 21:28	1
Perfluorooctanoic acid (PFOA)	54.9		1.65	0.35	ng/L		05/28/21 16:14	06/02/21 14:21	1
Perfluorononanoic acid (PFNA)	0.61	J	1.65	0.23	ng/L		05/28/21 16:14	06/01/21 21:28	1
Perfluorodecanoic acid (PFDA)	1.65	U	1.65	0.25	ng/L		05/28/21 16:14	06/01/21 21:28	1
Perfluoroundecanoic acid (PFUnA)	1.65	U	1.65	0.28	ng/L		05/28/21 16:14	06/01/21 21:28	1
Perfluorododecanoic acid (PFDoA)	1.65	U	1.65	0.32	ng/L		05/28/21 16:14	06/01/21 21:28	1
Perfluorotridecanoic acid (PFTriA)	1.65	U	1.65	0.36	ng/L		05/28/21 16:14	06/01/21 21:28	1
Perfluorotetradecanoic acid (PFTeA)	1.65	U	1.65	0.52	ng/L		05/28/21 16:14	06/01/21 21:28	1
Perfluorobutanesulfonic acid (PFBS)	2.92	B	1.65	0.21	ng/L		05/28/21 16:14	06/01/21 21:28	1
Perfluorohexanesulfonic acid (PFHxS)	9.64		1.65	0.25	ng/L		05/28/21 16:14	06/01/21 21:28	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.60	J	1.65	0.19	ng/L		05/28/21 16:14	06/01/21 21:28	1
Perfluorodecanesulfonic acid (PFDS)	1.65	U	1.65	0.25	ng/L		05/28/21 16:14	06/01/21 21:28	1
Perfluorooctanesulfonic acid (PFOS)	18.6	B	1.65	0.24	ng/L		05/28/21 16:14	06/01/21 21:28	1
Perfluorooctanesulfonamide (FOSA)	1.65	U	1.65	0.47	ng/L		05/28/21 16:14	06/01/21 21:28	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: EW-2

Lab Sample ID: 480-184959-2

Date Collected: 05/18/21 10:33

Matrix: Water

Date Received: 05/20/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.12	U	4.12	0.74	ng/L		05/28/21 16:14	06/01/21 21:28	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.12	J	4.12	0.61	ng/L		05/28/21 16:14	06/01/21 21:28	1
6:2 FTS	4.12	U	4.12	0.90	ng/L		05/28/21 16:14	06/01/21 21:28	1
8:2 FTS	1.65	U	1.65	0.32	ng/L		05/28/21 16:14	06/01/21 21:28	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	67		25 - 150				05/28/21 16:14	06/01/21 21:28	1
13C4 PFBA	42		25 - 150				05/28/21 16:14	06/01/21 21:28	1
13C5 PFPeA	64		25 - 150				05/28/21 16:14	06/01/21 21:28	1
13C2 PFHxA	76		50 - 150				05/28/21 16:14	06/02/21 14:21	1
13C4 PFHpA	85		50 - 150				05/28/21 16:14	06/01/21 21:28	1
13C4 PFOA	96		50 - 150				05/28/21 16:14	06/02/21 14:21	1
13C5 PFNA	90		50 - 150				05/28/21 16:14	06/01/21 21:28	1
13C2 PFDA	89		50 - 150				05/28/21 16:14	06/01/21 21:28	1
13C2 PFUnA	78		50 - 150				05/28/21 16:14	06/01/21 21:28	1
13C2 PFDoA	74		50 - 150				05/28/21 16:14	06/01/21 21:28	1
13C2 PFTeDA	77		50 - 150				05/28/21 16:14	06/01/21 21:28	1
13C3 PFBS	74		50 - 150				05/28/21 16:14	06/01/21 21:28	1
18O2 PFHxS	83		50 - 150				05/28/21 16:14	06/01/21 21:28	1
13C4 PFOS	76		50 - 150				05/28/21 16:14	06/01/21 21:28	1
d3-NMeFOSAA	89		50 - 150				05/28/21 16:14	06/01/21 21:28	1
d5-NEtFOSAA	93		50 - 150				05/28/21 16:14	06/01/21 21:28	1
M2-6:2 FTS	144		25 - 150				05/28/21 16:14	06/01/21 21:28	1
M2-8:2 FTS	102		25 - 150				05/28/21 16:14	06/01/21 21:28	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	60.0	ug/L		05/24/21 14:40	05/26/21 14:14	1
Antimony	20.0	U	20.0	6.8	ug/L		05/24/21 14:40	05/26/21 14:14	1
Arsenic	16.8		15.0	5.6	ug/L		05/24/21 14:40	05/26/21 14:14	1
Barium	140		2.0	0.70	ug/L		05/24/21 14:40	05/26/21 14:14	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/24/21 14:40	05/26/21 14:14	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/24/21 14:40	05/26/21 14:14	1
Calcium	120000		500	100	ug/L		05/24/21 14:40	05/26/21 14:14	1
Chromium	4.0	U	4.0	1.0	ug/L		05/24/21 14:40	05/26/21 14:14	1
Cobalt	3.8	J	4.0	0.63	ug/L		05/24/21 14:40	05/26/21 14:14	1
Copper	30.9		10.0	1.6	ug/L		05/24/21 14:40	05/26/21 14:14	1
Iron	18000	B	50.0	19.3	ug/L		05/24/21 14:40	05/26/21 14:14	1
Lead	10.0	U	10.0	3.0	ug/L		05/24/21 14:40	05/26/21 14:14	1
Magnesium	41600		200	43.4	ug/L		05/24/21 14:40	05/26/21 14:14	1
Manganese	879		3.0	0.40	ug/L		05/24/21 14:40	05/26/21 14:14	1
Nickel	11.8		10.0	1.3	ug/L		05/24/21 14:40	05/26/21 14:14	1
Potassium	2670		500	100	ug/L		05/24/21 14:40	05/26/21 14:14	1
Selenium	25.0	U	25.0	8.7	ug/L		05/24/21 14:40	05/26/21 14:14	1
Silver	6.0	U	6.0	1.7	ug/L		05/24/21 14:40	05/26/21 14:14	1
Sodium	105000		1000	324	ug/L		05/24/21 14:40	05/26/21 14:14	1
Thallium	20.0	U	20.0	10.2	ug/L		05/24/21 14:40	05/26/21 14:14	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/24/21 14:40	05/26/21 14:14	1
Zinc	61.2		10.0	1.5	ug/L		05/24/21 14:40	05/26/21 14:14	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: EW-2

Date Collected: 05/18/21 10:33

Date Received: 05/20/21 08:00

Lab Sample ID: 480-184959-2

Matrix: Water

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 17:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	793		10.0	4.0	mg/L			05/21/21 13:35	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	58.8		4.0	4.0	mg/L			05/22/21 16:46	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: EW-3

Lab Sample ID: 480-184959-3

Date Collected: 05/18/21 10:03

Matrix: Water

Date Received: 05/20/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/25/21 00:23	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/25/21 00:23	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/25/21 00:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/25/21 00:23	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/25/21 00:23	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/25/21 00:23	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/25/21 00:23	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/25/21 00:23	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/25/21 00:23	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/25/21 00:23	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/25/21 00:23	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/25/21 00:23	1
1,4-Dichlorobenzene	5.4		1.0	0.84	ug/L			05/25/21 00:23	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/25/21 00:23	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/25/21 00:23	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/25/21 00:23	1
Acetone	7.9	J	10	3.0	ug/L			05/25/21 00:23	1
Benzene	2.4		1.0	0.41	ug/L			05/25/21 00:23	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/25/21 00:23	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/25/21 00:23	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/25/21 00:23	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/25/21 00:23	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/25/21 00:23	1
Chlorobenzene	19		1.0	0.75	ug/L			05/25/21 00:23	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/25/21 00:23	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/25/21 00:23	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/25/21 00:23	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/25/21 00:23	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/25/21 00:23	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/25/21 00:23	1
Cyclohexane	1.1		1.0	0.18	ug/L			05/25/21 00:23	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/25/21 00:23	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/25/21 00:23	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/25/21 00:23	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/25/21 00:23	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/25/21 00:23	1
Methyl tert-butyl ether	0.45	J	1.0	0.16	ug/L			05/25/21 00:23	1
Methylcyclohexane	0.41	J	1.0	0.16	ug/L			05/25/21 00:23	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/25/21 00:23	1
Styrene	1.0	U	1.0	0.73	ug/L			05/25/21 00:23	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/25/21 00:23	1
Toluene	1.0	U	1.0	0.51	ug/L			05/25/21 00:23	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/25/21 00:23	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/25/21 00:23	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/25/21 00:23	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/25/21 00:23	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/25/21 00:23	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/25/21 00:23	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: EW-3

Lab Sample ID: 480-184959-3

Date Collected: 05/18/21 10:03

Matrix: Water

Date Received: 05/20/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120		05/25/21 00:23	1
1,2-Dichloroethane-d4 (Surr)	95		77 - 120		05/25/21 00:23	1
4-Bromofluorobenzene (Surr)	97		73 - 120		05/25/21 00:23	1
Dibromofluoromethane (Surr)	102		75 - 123		05/25/21 00:23	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	68	E B	5.0	2.5	ug/L		05/20/21 14:57	05/25/21 19:37	25
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	27		15 - 110				05/20/21 14:57	05/25/21 19:37	25

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 19:44	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 19:44	1
PCB-1232	1.9		0.50	0.18	ug/L		05/26/21 15:25	05/27/21 19:44	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 19:44	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 19:44	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 19:44	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 19:44	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 19:44	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 19:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	83		39 - 121	05/26/21 15:25	05/27/21 19:44	1
Tetrachloro-m-xylene	79		39 - 121	05/26/21 15:25	05/27/21 19:44	1
DCB Decachlorobiphenyl	40		19 - 120	05/26/21 15:25	05/27/21 19:44	1
DCB Decachlorobiphenyl	37		19 - 120	05/26/21 15:25	05/27/21 19:44	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	10.5	B	4.29	0.77	ng/L		05/28/21 16:14	06/01/21 21:37	1
Perfluoropentanoic acid (PFPeA)	17.5		1.71	0.41	ng/L		05/28/21 16:14	06/01/21 21:37	1
Perfluorohexanoic acid (PFHxA)	35.3		1.71	0.39	ng/L		05/28/21 16:14	06/02/21 14:29	1
Perfluoroheptanoic acid (PFHpA)	13.7	B	1.71	0.20	ng/L		05/28/21 16:14	06/01/21 21:37	1
Perfluorooctanoic acid (PFOA)	30.1		1.71	0.36	ng/L		05/28/21 16:14	06/02/21 14:29	1
Perfluorononanoic acid (PFNA)	0.35	J	1.71	0.24	ng/L		05/28/21 16:14	06/01/21 21:37	1
Perfluorodecanoic acid (PFDA)	1.71	U	1.71	0.26	ng/L		05/28/21 16:14	06/01/21 21:37	1
Perfluoroundecanoic acid (PFUnA)	1.71	U	1.71	0.29	ng/L		05/28/21 16:14	06/01/21 21:37	1
Perfluorododecanoic acid (PFDoA)	1.71	U	1.71	0.33	ng/L		05/28/21 16:14	06/01/21 21:37	1
Perfluorotridecanoic acid (PFTriA)	1.71	U	1.71	0.37	ng/L		05/28/21 16:14	06/01/21 21:37	1
Perfluorotetradecanoic acid (PFTeA)	1.71	U	1.71	0.54	ng/L		05/28/21 16:14	06/01/21 21:37	1
Perfluorobutanesulfonic acid (PFBS)	2.34	B	1.71	0.21	ng/L		05/28/21 16:14	06/01/21 21:37	1
Perfluorohexanesulfonic acid (PFHxS)	5.65		1.71	0.26	ng/L		05/28/21 16:14	06/01/21 21:37	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.36	J	1.71	0.20	ng/L		05/28/21 16:14	06/01/21 21:37	1
Perfluorodecanesulfonic acid (PFDS)	1.71	U	1.71	0.26	ng/L		05/28/21 16:14	06/01/21 21:37	1
Perfluorooctanesulfonic acid (PFOS)	14.8	B	1.71	0.25	ng/L		05/28/21 16:14	06/01/21 21:37	1
Perfluorooctanesulfonamide (FOSA)	1.71	U	1.71	0.49	ng/L		05/28/21 16:14	06/01/21 21:37	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: EW-3

Lab Sample ID: 480-184959-3

Date Collected: 05/18/21 10:03

Matrix: Water

Date Received: 05/20/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.29	U	4.29	0.77	ng/L		05/28/21 16:14	06/01/21 21:37	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.67	J	4.29	0.64	ng/L		05/28/21 16:14	06/01/21 21:37	1
6:2 FTS	4.29	U	4.29	0.94	ng/L		05/28/21 16:14	06/01/21 21:37	1
8:2 FTS	1.71	U	1.71	0.33	ng/L		05/28/21 16:14	06/01/21 21:37	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	72		25 - 150				05/28/21 16:14	06/01/21 21:37	1
13C4 PFBA	47		25 - 150				05/28/21 16:14	06/01/21 21:37	1
13C5 PFPeA	69		25 - 150				05/28/21 16:14	06/01/21 21:37	1
13C2 PFHxA	78		50 - 150				05/28/21 16:14	06/02/21 14:29	1
13C4 PFHpA	88		50 - 150				05/28/21 16:14	06/01/21 21:37	1
13C4 PFOA	97		50 - 150				05/28/21 16:14	06/02/21 14:29	1
13C5 PFNA	96		50 - 150				05/28/21 16:14	06/01/21 21:37	1
13C2 PFDA	100		50 - 150				05/28/21 16:14	06/01/21 21:37	1
13C2 PFUnA	99		50 - 150				05/28/21 16:14	06/01/21 21:37	1
13C2 PFDoA	92		50 - 150				05/28/21 16:14	06/01/21 21:37	1
13C2 PFTeDA	75		50 - 150				05/28/21 16:14	06/01/21 21:37	1
13C3 PFBS	75		50 - 150				05/28/21 16:14	06/01/21 21:37	1
18O2 PFHxS	82		50 - 150				05/28/21 16:14	06/01/21 21:37	1
13C4 PFOS	83		50 - 150				05/28/21 16:14	06/01/21 21:37	1
d3-NMeFOSAA	85		50 - 150				05/28/21 16:14	06/01/21 21:37	1
d5-NEtFOSAA	107		50 - 150				05/28/21 16:14	06/01/21 21:37	1
M2-6:2 FTS	129		25 - 150				05/28/21 16:14	06/01/21 21:37	1
M2-8:2 FTS	101		25 - 150				05/28/21 16:14	06/01/21 21:37	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	60.0	ug/L		05/24/21 14:40	05/26/21 14:18	1
Antimony	20.0	U	20.0	6.8	ug/L		05/24/21 14:40	05/26/21 14:18	1
Arsenic	9.7	J	15.0	5.6	ug/L		05/24/21 14:40	05/26/21 14:18	1
Barium	191		2.0	0.70	ug/L		05/24/21 14:40	05/26/21 14:18	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/24/21 14:40	05/26/21 14:18	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/24/21 14:40	05/26/21 14:18	1
Calcium	77800		500	100	ug/L		05/24/21 14:40	05/26/21 14:18	1
Chromium	4.0	U	4.0	1.0	ug/L		05/24/21 14:40	05/26/21 14:18	1
Cobalt	9.7		4.0	0.63	ug/L		05/24/21 14:40	05/26/21 14:18	1
Copper	2.9	J	10.0	1.6	ug/L		05/24/21 14:40	05/26/21 14:18	1
Iron	31900	B	50.0	19.3	ug/L		05/24/21 14:40	05/26/21 14:18	1
Lead	10.0	U	10.0	3.0	ug/L		05/24/21 14:40	05/26/21 14:18	1
Magnesium	37000		200	43.4	ug/L		05/24/21 14:40	05/26/21 14:18	1
Manganese	254		3.0	0.40	ug/L		05/24/21 14:40	05/26/21 14:18	1
Nickel	8.6	J	10.0	1.3	ug/L		05/24/21 14:40	05/26/21 14:18	1
Potassium	33300		500	100	ug/L		05/24/21 14:40	05/26/21 14:18	1
Selenium	25.0	U	25.0	8.7	ug/L		05/24/21 14:40	05/26/21 14:18	1
Silver	6.0	U	6.0	1.7	ug/L		05/24/21 14:40	05/26/21 14:18	1
Sodium	65400		1000	324	ug/L		05/24/21 14:40	05/26/21 14:18	1
Thallium	20.0	U	20.0	10.2	ug/L		05/24/21 14:40	05/26/21 14:18	1
Vanadium	4.8	J	5.0	1.5	ug/L		05/24/21 14:40	05/26/21 14:18	1
Zinc	8.0	J	10.0	1.5	ug/L		05/24/21 14:40	05/26/21 14:18	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: EW-3

Date Collected: 05/18/21 10:03

Date Received: 05/20/21 08:00

Lab Sample ID: 480-184959-3

Matrix: Water

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 17:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	630		10.0	4.0	mg/L			05/21/21 13:35	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	64.4		4.0	4.0	mg/L			05/22/21 16:46	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: EW-4

Lab Sample ID: 480-184959-4

Date Collected: 05/18/21 11:35

Matrix: Water

Date Received: 05/20/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/25/21 11:47	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/25/21 11:47	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/25/21 11:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/25/21 11:47	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/25/21 11:47	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/25/21 11:47	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/25/21 11:47	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/25/21 11:47	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/25/21 11:47	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/25/21 11:47	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/25/21 11:47	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/25/21 11:47	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/25/21 11:47	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/25/21 11:47	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/25/21 11:47	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/25/21 11:47	1
Acetone	10	U	10	3.0	ug/L			05/25/21 11:47	1
Benzene	1.0	U	1.0	0.41	ug/L			05/25/21 11:47	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/25/21 11:47	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/25/21 11:47	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/25/21 11:47	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/25/21 11:47	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/25/21 11:47	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/25/21 11:47	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/25/21 11:47	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/25/21 11:47	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/25/21 11:47	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/25/21 11:47	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/25/21 11:47	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/25/21 11:47	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/25/21 11:47	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/25/21 11:47	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/25/21 11:47	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/25/21 11:47	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/25/21 11:47	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/25/21 11:47	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/25/21 11:47	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/25/21 11:47	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/25/21 11:47	1
Styrene	1.0	U	1.0	0.73	ug/L			05/25/21 11:47	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/25/21 11:47	1
Toluene	1.0	U	1.0	0.51	ug/L			05/25/21 11:47	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/25/21 11:47	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/25/21 11:47	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/25/21 11:47	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/25/21 11:47	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/25/21 11:47	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/25/21 11:47	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: EW-4

Lab Sample ID: 480-184959-4

Date Collected: 05/18/21 11:35

Matrix: Water

Date Received: 05/20/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		05/25/21 11:47	1
1,2-Dichloroethane-d4 (Surr)	90		77 - 120		05/25/21 11:47	1
4-Bromofluorobenzene (Surr)	102		73 - 120		05/25/21 11:47	1
Dibromofluoromethane (Surr)	98		75 - 123		05/25/21 11:47	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	3.6	E B	0.20	0.10	ug/L		05/20/21 14:57	05/24/21 23:29	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	31		15 - 110				05/20/21 14:57	05/24/21 23:29	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 19:57	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 19:57	1
PCB-1232	1.1		0.50	0.18	ug/L		05/26/21 15:25	05/27/21 19:57	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 19:57	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 19:57	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 19:57	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 19:57	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 19:57	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 19:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	76		39 - 121	05/26/21 15:25	05/27/21 19:57	1
Tetrachloro-m-xylene	75		39 - 121	05/26/21 15:25	05/27/21 19:57	1
DCB Decachlorobiphenyl	42		19 - 120	05/26/21 15:25	05/27/21 19:57	1
DCB Decachlorobiphenyl	42		19 - 120	05/26/21 15:25	05/27/21 19:57	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	8.50	B	4.17	0.75	ng/L		05/28/21 16:14	06/01/21 21:45	1
Perfluoropentanoic acid (PFPeA)	17.8		1.67	0.40	ng/L		05/28/21 16:14	06/01/21 21:45	1
Perfluorohexanoic acid (PFHxA)	25.1		1.67	0.38	ng/L		05/28/21 16:14	06/02/21 14:38	1
Perfluoroheptanoic acid (PFHpA)	6.64	B	1.67	0.20	ng/L		05/28/21 16:14	06/01/21 21:45	1
Perfluorooctanoic acid (PFOA)	18.9		1.67	0.35	ng/L		05/28/21 16:14	06/02/21 14:38	1
Perfluorononanoic acid (PFNA)	1.67	U	1.67	0.23	ng/L		05/28/21 16:14	06/01/21 21:45	1
Perfluorodecanoic acid (PFDA)	1.67	U	1.67	0.25	ng/L		05/28/21 16:14	06/01/21 21:45	1
Perfluoroundecanoic acid (PFUnA)	1.67	U	1.67	0.29	ng/L		05/28/21 16:14	06/01/21 21:45	1
Perfluorododecanoic acid (PFDoA)	1.67	U	1.67	0.32	ng/L		05/28/21 16:14	06/01/21 21:45	1
Perfluorotridecanoic acid (PFTriA)	1.67	U	1.67	0.36	ng/L		05/28/21 16:14	06/01/21 21:45	1
Perfluorotetradecanoic acid (PFTeA)	1.67	U	1.67	0.53	ng/L		05/28/21 16:14	06/01/21 21:45	1
Perfluorobutanesulfonic acid (PFBS)	1.68	B	1.67	0.21	ng/L		05/28/21 16:14	06/01/21 21:45	1
Perfluorohexanesulfonic acid (PFHxS)	1.62	J	1.67	0.25	ng/L		05/28/21 16:14	06/01/21 21:45	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.67	U	1.67	0.20	ng/L		05/28/21 16:14	06/01/21 21:45	1
Perfluorodecanesulfonic acid (PFDS)	1.67	U	1.67	0.26	ng/L		05/28/21 16:14	06/01/21 21:45	1
Perfluorooctanesulfonic acid (PFOS)	4.72	B	1.67	0.24	ng/L		05/28/21 16:14	06/01/21 21:45	1
Perfluorooctanesulfonamide (FOSA)	1.67	U	1.67	0.48	ng/L		05/28/21 16:14	06/01/21 21:45	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: EW-4

Lab Sample ID: 480-184959-4

Date Collected: 05/18/21 11:35

Matrix: Water

Date Received: 05/20/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.17	U	4.17	0.75	ng/L		05/28/21 16:14	06/01/21 21:45	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.17	U	4.17	0.62	ng/L		05/28/21 16:14	06/01/21 21:45	1
6:2 FTS	4.17	U	4.17	0.92	ng/L		05/28/21 16:14	06/01/21 21:45	1
8:2 FTS	1.67	U	1.67	0.33	ng/L		05/28/21 16:14	06/01/21 21:45	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	75		25 - 150				05/28/21 16:14	06/01/21 21:45	1
13C4 PFBA	74		25 - 150				05/28/21 16:14	06/01/21 21:45	1
13C5 PFPeA	81		25 - 150				05/28/21 16:14	06/01/21 21:45	1
13C2 PFHxA	92		50 - 150				05/28/21 16:14	06/02/21 14:38	1
13C4 PFHpA	93		50 - 150				05/28/21 16:14	06/01/21 21:45	1
13C4 PFOA	97		50 - 150				05/28/21 16:14	06/02/21 14:38	1
13C5 PFNA	92		50 - 150				05/28/21 16:14	06/01/21 21:45	1
13C2 PFDA	87		50 - 150				05/28/21 16:14	06/01/21 21:45	1
13C2 PFUnA	82		50 - 150				05/28/21 16:14	06/01/21 21:45	1
13C2 PFDoA	79		50 - 150				05/28/21 16:14	06/01/21 21:45	1
13C2 PFTeDA	77		50 - 150				05/28/21 16:14	06/01/21 21:45	1
13C3 PFBS	81		50 - 150				05/28/21 16:14	06/01/21 21:45	1
18O2 PFHxS	89		50 - 150				05/28/21 16:14	06/01/21 21:45	1
13C4 PFOS	84		50 - 150				05/28/21 16:14	06/01/21 21:45	1
d3-NMeFOSAA	96		50 - 150				05/28/21 16:14	06/01/21 21:45	1
d5-NEtFOSAA	96		50 - 150				05/28/21 16:14	06/01/21 21:45	1
M2-6:2 FTS	98		25 - 150				05/28/21 16:14	06/01/21 21:45	1
M2-8:2 FTS	98		25 - 150				05/28/21 16:14	06/01/21 21:45	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	60.0	ug/L		05/24/21 14:40	05/26/21 14:22	1
Antimony	20.0	U	20.0	6.8	ug/L		05/24/21 14:40	05/26/21 14:22	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/24/21 14:40	05/26/21 14:22	1
Barium	48.8		2.0	0.70	ug/L		05/24/21 14:40	05/26/21 14:22	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/24/21 14:40	05/26/21 14:22	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/24/21 14:40	05/26/21 14:22	1
Calcium	92200		500	100	ug/L		05/24/21 14:40	05/26/21 14:22	1
Chromium	4.0	U	4.0	1.0	ug/L		05/24/21 14:40	05/26/21 14:22	1
Cobalt	1.9	J	4.0	0.63	ug/L		05/24/21 14:40	05/26/21 14:22	1
Copper	10.0	U	10.0	1.6	ug/L		05/24/21 14:40	05/26/21 14:22	1
Iron	18300	B	50.0	19.3	ug/L		05/24/21 14:40	05/26/21 14:22	1
Lead	10.0	U	10.0	3.0	ug/L		05/24/21 14:40	05/26/21 14:22	1
Magnesium	21500		200	43.4	ug/L		05/24/21 14:40	05/26/21 14:22	1
Manganese	1610		3.0	0.40	ug/L		05/24/21 14:40	05/26/21 14:22	1
Nickel	1.7	J	10.0	1.3	ug/L		05/24/21 14:40	05/26/21 14:22	1
Potassium	2400		500	100	ug/L		05/24/21 14:40	05/26/21 14:22	1
Selenium	25.0	U	25.0	8.7	ug/L		05/24/21 14:40	05/26/21 14:22	1
Silver	6.0	U	6.0	1.7	ug/L		05/24/21 14:40	05/26/21 14:22	1
Sodium	48200		1000	324	ug/L		05/24/21 14:40	05/26/21 14:22	1
Thallium	20.0	U	20.0	10.2	ug/L		05/24/21 14:40	05/26/21 14:22	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/24/21 14:40	05/26/21 14:22	1
Zinc	10.0	U	10.0	1.5	ug/L		05/24/21 14:40	05/26/21 14:22	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: EW-4

Date Collected: 05/18/21 11:35

Date Received: 05/20/21 08:00

Lab Sample ID: 480-184959-4

Matrix: Water

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 17:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	489		10.0	4.0	mg/L			05/21/21 13:35	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	45.6		4.0	4.0	mg/L			05/22/21 16:46	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: INFLUENT

Lab Sample ID: 480-184959-5

Date Collected: 05/18/21 09:35

Matrix: Water

Date Received: 05/20/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/25/21 01:10	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/25/21 01:10	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/25/21 01:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/25/21 01:10	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/25/21 01:10	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/25/21 01:10	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/25/21 01:10	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/25/21 01:10	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/25/21 01:10	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/25/21 01:10	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/25/21 01:10	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/25/21 01:10	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/25/21 01:10	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/25/21 01:10	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/25/21 01:10	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/25/21 01:10	1
Acetone	10	U	10	3.0	ug/L			05/25/21 01:10	1
Benzene	1.0	U	1.0	0.41	ug/L			05/25/21 01:10	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/25/21 01:10	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/25/21 01:10	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/25/21 01:10	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/25/21 01:10	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/25/21 01:10	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/25/21 01:10	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/25/21 01:10	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/25/21 01:10	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/25/21 01:10	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/25/21 01:10	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/25/21 01:10	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/25/21 01:10	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/25/21 01:10	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/25/21 01:10	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/25/21 01:10	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/25/21 01:10	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/25/21 01:10	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/25/21 01:10	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/25/21 01:10	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/25/21 01:10	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/25/21 01:10	1
Styrene	1.0	U	1.0	0.73	ug/L			05/25/21 01:10	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/25/21 01:10	1
Toluene	1.0	U	1.0	0.51	ug/L			05/25/21 01:10	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/25/21 01:10	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/25/21 01:10	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/25/21 01:10	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/25/21 01:10	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/25/21 01:10	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/25/21 01:10	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: INFLUENT

Lab Sample ID: 480-184959-5

Date Collected: 05/18/21 09:35

Matrix: Water

Date Received: 05/20/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		05/25/21 01:10	1
1,2-Dichloroethane-d4 (Surr)	89		77 - 120		05/25/21 01:10	1
4-Bromofluorobenzene (Surr)	102		73 - 120		05/25/21 01:10	1
Dibromofluoromethane (Surr)	100		75 - 123		05/25/21 01:10	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	3.9	E B	0.20	0.10	ug/L		05/20/21 14:57	05/24/21 23:53	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	34		15 - 110				05/20/21 14:57	05/24/21 23:53	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 20:10	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 20:10	1
PCB-1232	3.1		0.50	0.18	ug/L		05/26/21 15:25	05/27/21 20:10	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 20:10	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 20:10	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 20:10	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 20:10	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 20:10	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 20:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	82		39 - 121	05/26/21 15:25	05/27/21 20:10	1
Tetrachloro-m-xylene	81		39 - 121	05/26/21 15:25	05/27/21 20:10	1
DCB Decachlorobiphenyl	44		19 - 120	05/26/21 15:25	05/27/21 20:10	1
DCB Decachlorobiphenyl	42		19 - 120	05/26/21 15:25	05/27/21 20:10	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	7.96	B	4.26	0.76	ng/L		05/28/21 16:14	06/02/21 14:46	1
Perfluoropentanoic acid (PFPeA)	15.0		1.70	0.40	ng/L		05/28/21 16:14	06/02/21 14:46	1
Perfluorohexanoic acid (PFHxA)	22.2		1.70	0.39	ng/L		05/28/21 16:14	06/02/21 14:46	1
Perfluoroheptanoic acid (PFHpA)	6.50	B	1.70	0.20	ng/L		05/28/21 16:14	06/02/21 14:46	1
Perfluorooctanoic acid (PFOA)	18.6		1.70	0.36	ng/L		05/28/21 16:14	06/02/21 14:46	1
Perfluorononanoic acid (PFNA)	1.70	U	1.70	0.24	ng/L		05/28/21 16:14	06/02/21 14:46	1
Perfluorodecanoic acid (PFDA)	1.70	U	1.70	0.26	ng/L		05/28/21 16:14	06/02/21 14:46	1
Perfluoroundecanoic acid (PFUnA)	1.70	U	1.70	0.29	ng/L		05/28/21 16:14	06/02/21 14:46	1
Perfluorododecanoic acid (PFDoA)	1.70	U	1.70	0.33	ng/L		05/28/21 16:14	06/02/21 14:46	1
Perfluorotridecanoic acid (PFTriA)	1.70	U	1.70	0.37	ng/L		05/28/21 16:14	06/02/21 14:46	1
Perfluorotetradecanoic acid (PFTeA)	1.70	U	1.70	0.54	ng/L		05/28/21 16:14	06/02/21 14:46	1
Perfluorobutanesulfonic acid (PFBS)	1.70	B	1.70	0.21	ng/L		05/28/21 16:14	06/02/21 14:46	1
Perfluorohexanesulfonic acid (PFHxS)	1.63	J	1.70	0.26	ng/L		05/28/21 16:14	06/02/21 14:46	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.70	U	1.70	0.20	ng/L		05/28/21 16:14	06/02/21 14:46	1
Perfluorodecanesulfonic acid (PFDS)	1.70	U	1.70	0.26	ng/L		05/28/21 16:14	06/02/21 14:46	1
Perfluorooctanesulfonic acid (PFOS)	4.45	B	1.70	0.25	ng/L		05/28/21 16:14	06/02/21 14:46	1
Perfluorooctanesulfonamide (FOSA)	1.70	U	1.70	0.49	ng/L		05/28/21 16:14	06/02/21 14:46	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: INFLUENT

Lab Sample ID: 480-184959-5

Date Collected: 05/18/21 09:35

Matrix: Water

Date Received: 05/20/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.26	U	4.26	0.77	ng/L		05/28/21 16:14	06/02/21 14:46	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.26	U	4.26	0.63	ng/L		05/28/21 16:14	06/02/21 14:46	1
6:2 FTS	4.26	U	4.26	0.94	ng/L		05/28/21 16:14	06/02/21 14:46	1
8:2 FTS	1.70	U	1.70	0.33	ng/L		05/28/21 16:14	06/02/21 14:46	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	72		25 - 150				05/28/21 16:14	06/02/21 14:46	1
13C4 PFBA	76		25 - 150				05/28/21 16:14	06/02/21 14:46	1
13C5 PFPeA	92		25 - 150				05/28/21 16:14	06/02/21 14:46	1
13C2 PFHxA	93		50 - 150				05/28/21 16:14	06/02/21 14:46	1
13C4 PFHpA	94		50 - 150				05/28/21 16:14	06/02/21 14:46	1
13C4 PFOA	98		50 - 150				05/28/21 16:14	06/02/21 14:46	1
13C5 PFNA	95		50 - 150				05/28/21 16:14	06/02/21 14:46	1
13C2 PFDA	88		50 - 150				05/28/21 16:14	06/02/21 14:46	1
13C2 PFUnA	81		50 - 150				05/28/21 16:14	06/02/21 14:46	1
13C2 PFDoA	82		50 - 150				05/28/21 16:14	06/02/21 14:46	1
13C2 PFTeDA	80		50 - 150				05/28/21 16:14	06/02/21 14:46	1
13C3 PFBS	84		50 - 150				05/28/21 16:14	06/02/21 14:46	1
18O2 PFHxS	92		50 - 150				05/28/21 16:14	06/02/21 14:46	1
13C4 PFOS	87		50 - 150				05/28/21 16:14	06/02/21 14:46	1
d3-NMeFOSAA	93		50 - 150				05/28/21 16:14	06/02/21 14:46	1
d5-NEtFOSAA	104		50 - 150				05/28/21 16:14	06/02/21 14:46	1
M2-6:2 FTS	99		25 - 150				05/28/21 16:14	06/02/21 14:46	1
M2-8:2 FTS	98		25 - 150				05/28/21 16:14	06/02/21 14:46	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	60.0	ug/L		05/24/21 14:40	05/26/21 14:26	1
Antimony	20.0	U	20.0	6.8	ug/L		05/24/21 14:40	05/26/21 14:26	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/24/21 14:40	05/26/21 14:26	1
Barium	46.9		2.0	0.70	ug/L		05/24/21 14:40	05/26/21 14:26	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/24/21 14:40	05/26/21 14:26	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/24/21 14:40	05/26/21 14:26	1
Calcium	91400		500	100	ug/L		05/24/21 14:40	05/26/21 14:26	1
Chromium	4.0	U	4.0	1.0	ug/L		05/24/21 14:40	05/26/21 14:26	1
Cobalt	1.6	J	4.0	0.63	ug/L		05/24/21 14:40	05/26/21 14:26	1
Copper	10.0	U	10.0	1.6	ug/L		05/24/21 14:40	05/26/21 14:26	1
Iron	15500	B	50.0	19.3	ug/L		05/24/21 14:40	05/26/21 14:26	1
Lead	10.0	U	10.0	3.0	ug/L		05/24/21 14:40	05/26/21 14:26	1
Magnesium	21700		200	43.4	ug/L		05/24/21 14:40	05/26/21 14:26	1
Manganese	1600		3.0	0.40	ug/L		05/24/21 14:40	05/26/21 14:26	1
Nickel	1.6	J	10.0	1.3	ug/L		05/24/21 14:40	05/26/21 14:26	1
Potassium	2400		500	100	ug/L		05/24/21 14:40	05/26/21 14:26	1
Selenium	25.0	U	25.0	8.7	ug/L		05/24/21 14:40	05/26/21 14:26	1
Silver	6.0	U	6.0	1.7	ug/L		05/24/21 14:40	05/26/21 14:26	1
Sodium	47400		1000	324	ug/L		05/24/21 14:40	05/26/21 14:26	1
Thallium	20.0	U	20.0	10.2	ug/L		05/24/21 14:40	05/26/21 14:26	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/24/21 14:40	05/26/21 14:26	1
Zinc	11.9		10.0	1.5	ug/L		05/24/21 14:40	05/26/21 14:26	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: INFLUENT

Lab Sample ID: 480-184959-5

Date Collected: 05/18/21 09:35

Matrix: Water

Date Received: 05/20/21 08:00

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 17:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.7		1.0	0.43	mg/L			05/27/21 17:36	1
Total Dissolved Solids	483		10.0	4.0	mg/L			05/21/21 13:35	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	46.0		4.0	4.0	mg/L			05/22/21 16:46	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CCT

Lab Sample ID: 480-184959-6

Date Collected: 05/18/21 07:44

Matrix: Water

Date Received: 05/20/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/25/21 01:33	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/25/21 01:33	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/25/21 01:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/25/21 01:33	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/25/21 01:33	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/25/21 01:33	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/25/21 01:33	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/25/21 01:33	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/25/21 01:33	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/25/21 01:33	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/25/21 01:33	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/25/21 01:33	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/25/21 01:33	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/25/21 01:33	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/25/21 01:33	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/25/21 01:33	1
Acetone	5.8	J	10	3.0	ug/L			05/25/21 01:33	1
Benzene	1.0	U	1.0	0.41	ug/L			05/25/21 01:33	1
Bromodichloromethane	0.96	J	1.0	0.39	ug/L			05/25/21 01:33	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/25/21 01:33	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/25/21 01:33	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/25/21 01:33	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/25/21 01:33	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/25/21 01:33	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/25/21 01:33	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/25/21 01:33	1
Chloroform	2.6		1.0	0.34	ug/L			05/25/21 01:33	1
Chloromethane	0.35	J	1.0	0.35	ug/L			05/25/21 01:33	1
cis-1,2-Dichloroethene	6.0		1.0	0.81	ug/L			05/25/21 01:33	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/25/21 01:33	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/25/21 01:33	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/25/21 01:33	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/25/21 01:33	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/25/21 01:33	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/25/21 01:33	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/25/21 01:33	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/25/21 01:33	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/25/21 01:33	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/25/21 01:33	1
Styrene	1.0	U	1.0	0.73	ug/L			05/25/21 01:33	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/25/21 01:33	1
Toluene	1.0	U	1.0	0.51	ug/L			05/25/21 01:33	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/25/21 01:33	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/25/21 01:33	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/25/21 01:33	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/25/21 01:33	1
Vinyl chloride	3.3		1.0	0.90	ug/L			05/25/21 01:33	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/25/21 01:33	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CCT

Lab Sample ID: 480-184959-6

Date Collected: 05/18/21 07:44

Matrix: Water

Date Received: 05/20/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	90		80 - 120		05/25/21 01:33	1
1,2-Dichloroethane-d4 (Surr)	91		77 - 120		05/25/21 01:33	1
4-Bromofluorobenzene (Surr)	99		73 - 120		05/25/21 01:33	1
Dibromofluoromethane (Surr)	99		75 - 123		05/25/21 01:33	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	6.5	E B	0.20	0.10	ug/L		05/20/21 14:57	05/25/21 00:16	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	28		15 - 110				05/20/21 14:57	05/25/21 00:16	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 20:22	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 20:22	1
PCB-1232	8.7		0.50	0.18	ug/L		05/26/21 15:25	05/27/21 20:22	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 20:22	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 20:22	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 20:22	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 20:22	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 20:22	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 20:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	72		39 - 121				05/26/21 15:25	05/27/21 20:22	1
Tetrachloro-m-xylene	70		39 - 121				05/26/21 15:25	05/27/21 20:22	1
DCB Decachlorobiphenyl	42		19 - 120				05/26/21 15:25	05/27/21 20:22	1
DCB Decachlorobiphenyl	41		19 - 120				05/26/21 15:25	05/27/21 20:22	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	8.25	B	4.25	0.76	ng/L		05/28/21 16:14	06/01/21 22:02	1
Perfluoropentanoic acid (PFPeA)	16.6		1.70	0.40	ng/L		05/28/21 16:14	06/01/21 22:02	1
Perfluorohexanoic acid (PFHxA)	23.8		1.70	0.38	ng/L		05/28/21 16:14	06/01/21 22:02	1
Perfluoroheptanoic acid (PFHpA)	7.92	B	1.70	0.20	ng/L		05/28/21 16:14	06/01/21 22:02	1
Perfluorooctanoic acid (PFOA)	34.4		1.70	0.36	ng/L		05/28/21 16:14	06/01/21 22:02	1
Perfluorononanoic acid (PFNA)	1.70	U	1.70	0.24	ng/L		05/28/21 16:14	06/01/21 22:02	1
Perfluorodecanoic acid (PFDA)	1.70	U	1.70	0.26	ng/L		05/28/21 16:14	06/01/21 22:02	1
Perfluoroundecanoic acid (PFUnA)	1.70	U	1.70	0.29	ng/L		05/28/21 16:14	06/01/21 22:02	1
Perfluorododecanoic acid (PFDoA)	1.70	U	1.70	0.33	ng/L		05/28/21 16:14	06/01/21 22:02	1
Perfluorotridecanoic acid (PFTriA)	1.70	U	1.70	0.37	ng/L		05/28/21 16:14	06/01/21 22:02	1
Perfluorotetradecanoic acid (PFTeA)	1.70	U	1.70	0.54	ng/L		05/28/21 16:14	06/01/21 22:02	1
Perfluorobutanesulfonic acid (PFBS)	1.75	B	1.70	0.21	ng/L		05/28/21 16:14	06/01/21 22:02	1
Perfluorohexanesulfonic acid (PFHxS)	2.06		1.70	0.26	ng/L		05/28/21 16:14	06/01/21 22:02	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.70	U	1.70	0.20	ng/L		05/28/21 16:14	06/01/21 22:02	1
Perfluorodecanesulfonic acid (PFDS)	1.70	U	1.70	0.26	ng/L		05/28/21 16:14	06/01/21 22:02	1
Perfluorooctanesulfonic acid (PFOS)	6.04	B	1.70	0.25	ng/L		05/28/21 16:14	06/01/21 22:02	1
Perfluorooctanesulfonamide (FOSA)	1.70	U	1.70	0.49	ng/L		05/28/21 16:14	06/01/21 22:02	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CCT

Lab Sample ID: 480-184959-6

Date Collected: 05/18/21 07:44

Matrix: Water

Date Received: 05/20/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.25	U	4.25	0.77	ng/L		05/28/21 16:14	06/01/21 22:02	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.17	J	4.25	0.63	ng/L		05/28/21 16:14	06/01/21 22:02	1
6:2 FTS	4.25	U	4.25	0.93	ng/L		05/28/21 16:14	06/01/21 22:02	1
8:2 FTS	1.70	U	1.70	0.33	ng/L		05/28/21 16:14	06/01/21 22:02	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	82		25 - 150				05/28/21 16:14	06/01/21 22:02	1
13C4 PFBA	71		25 - 150				05/28/21 16:14	06/01/21 22:02	1
13C5 PFPeA	84		25 - 150				05/28/21 16:14	06/01/21 22:02	1
13C2 PFHxA	92		50 - 150				05/28/21 16:14	06/01/21 22:02	1
13C4 PFHpA	97		50 - 150				05/28/21 16:14	06/01/21 22:02	1
13C4 PFOA	103		50 - 150				05/28/21 16:14	06/01/21 22:02	1
13C5 PFNA	102		50 - 150				05/28/21 16:14	06/01/21 22:02	1
13C2 PFDA	93		50 - 150				05/28/21 16:14	06/01/21 22:02	1
13C2 PFUnA	85		50 - 150				05/28/21 16:14	06/01/21 22:02	1
13C2 PFDoA	78		50 - 150				05/28/21 16:14	06/01/21 22:02	1
13C2 PFTeDA	77		50 - 150				05/28/21 16:14	06/01/21 22:02	1
13C3 PFBS	87		50 - 150				05/28/21 16:14	06/01/21 22:02	1
18O2 PFHxS	94		50 - 150				05/28/21 16:14	06/01/21 22:02	1
13C4 PFOS	90		50 - 150				05/28/21 16:14	06/01/21 22:02	1
d3-NMeFOSAA	93		50 - 150				05/28/21 16:14	06/01/21 22:02	1
d5-NEtFOSAA	93		50 - 150				05/28/21 16:14	06/01/21 22:02	1
M2-6:2 FTS	108		25 - 150				05/28/21 16:14	06/01/21 22:02	1
M2-8:2 FTS	114		25 - 150				05/28/21 16:14	06/01/21 22:02	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	322		200	60.0	ug/L		05/24/21 14:40	05/26/21 14:30	1
Antimony	20.0	U	20.0	6.8	ug/L		05/24/21 14:40	05/26/21 14:30	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/24/21 14:40	05/26/21 14:30	1
Barium	40.7		2.0	0.70	ug/L		05/24/21 14:40	05/26/21 14:30	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/24/21 14:40	05/26/21 14:30	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/24/21 14:40	05/26/21 14:30	1
Calcium	80400		500	100	ug/L		05/24/21 14:40	05/26/21 14:30	1
Chromium	4.0	U	4.0	1.0	ug/L		05/24/21 14:40	05/26/21 14:30	1
Cobalt	2.0	J	4.0	0.63	ug/L		05/24/21 14:40	05/26/21 14:30	1
Copper	10.0	U	10.0	1.6	ug/L		05/24/21 14:40	05/26/21 14:30	1
Iron	2220	B	50.0	19.3	ug/L		05/24/21 14:40	05/26/21 14:30	1
Lead	10.0	U	10.0	3.0	ug/L		05/24/21 14:40	05/26/21 14:30	1
Magnesium	19800		200	43.4	ug/L		05/24/21 14:40	05/26/21 14:30	1
Manganese	1180		3.0	0.40	ug/L		05/24/21 14:40	05/26/21 14:30	1
Nickel	1.7	J	10.0	1.3	ug/L		05/24/21 14:40	05/26/21 14:30	1
Potassium	3530		500	100	ug/L		05/24/21 14:40	05/26/21 14:30	1
Selenium	25.0	U	25.0	8.7	ug/L		05/24/21 14:40	05/26/21 14:30	1
Silver	6.0	U	6.0	1.7	ug/L		05/24/21 14:40	05/26/21 14:30	1
Sodium	62500		1000	324	ug/L		05/24/21 14:40	05/26/21 14:30	1
Thallium	20.0	U	20.0	10.2	ug/L		05/24/21 14:40	05/26/21 14:30	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/24/21 14:40	05/26/21 14:30	1
Zinc	10.0	U	10.0	1.5	ug/L		05/24/21 14:40	05/26/21 14:30	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CCT

Date Collected: 05/18/21 07:44

Date Received: 05/20/21 08:00

Lab Sample ID: 480-184959-6

Matrix: Water

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 17:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	4.5		1.0	0.43	mg/L			05/27/21 18:05	1
Total Dissolved Solids	487		10.0	4.0	mg/L			05/21/21 13:35	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	6.0		4.0	4.0	mg/L			05/22/21 16:46	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CELL 3 BYPASS

Lab Sample ID: 480-184959-7

Date Collected: 05/18/21 13:30

Matrix: Water

Date Received: 05/20/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/25/21 01:56	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/25/21 01:56	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/25/21 01:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/25/21 01:56	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/25/21 01:56	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/25/21 01:56	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/25/21 01:56	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/25/21 01:56	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/25/21 01:56	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/25/21 01:56	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/25/21 01:56	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/25/21 01:56	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/25/21 01:56	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/25/21 01:56	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/25/21 01:56	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/25/21 01:56	1
Acetone	10	U	10	3.0	ug/L			05/25/21 01:56	1
Benzene	1.0	U	1.0	0.41	ug/L			05/25/21 01:56	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/25/21 01:56	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/25/21 01:56	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/25/21 01:56	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/25/21 01:56	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/25/21 01:56	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/25/21 01:56	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/25/21 01:56	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/25/21 01:56	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/25/21 01:56	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/25/21 01:56	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/25/21 01:56	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/25/21 01:56	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/25/21 01:56	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/25/21 01:56	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/25/21 01:56	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/25/21 01:56	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/25/21 01:56	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/25/21 01:56	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/25/21 01:56	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/25/21 01:56	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/25/21 01:56	1
Styrene	1.0	U	1.0	0.73	ug/L			05/25/21 01:56	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/25/21 01:56	1
Toluene	1.0	U	1.0	0.51	ug/L			05/25/21 01:56	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/25/21 01:56	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/25/21 01:56	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/25/21 01:56	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/25/21 01:56	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/25/21 01:56	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/25/21 01:56	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CELL 3 BYPASS

Lab Sample ID: 480-184959-7

Date Collected: 05/18/21 13:30

Matrix: Water

Date Received: 05/20/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120		05/25/21 01:56	1
1,2-Dichloroethane-d4 (Surr)	96		77 - 120		05/25/21 01:56	1
4-Bromofluorobenzene (Surr)	99		73 - 120		05/25/21 01:56	1
Dibromofluoromethane (Surr)	104		75 - 123		05/25/21 01:56	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	3.8	E B	0.20	0.10	ug/L		05/20/21 14:57	05/25/21 02:00	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	31		15 - 110				05/20/21 14:57	05/25/21 02:00	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 21:01	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 21:01	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 21:01	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 21:01	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 21:01	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 21:01	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 21:01	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 21:01	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 21:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	74		39 - 121	05/26/21 15:25	05/27/21 21:01	1
Tetrachloro-m-xylene	74		39 - 121	05/26/21 15:25	05/27/21 21:01	1
DCB Decachlorobiphenyl	40		19 - 120	05/26/21 15:25	05/27/21 21:01	1
DCB Decachlorobiphenyl	40		19 - 120	05/26/21 15:25	05/27/21 21:01	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	8.95	B	4.26	0.76	ng/L		05/28/21 16:14	06/01/21 22:10	1
Perfluoropentanoic acid (PFPeA)	12.6		1.71	0.40	ng/L		05/28/21 16:14	06/01/21 22:10	1
Perfluorohexanoic acid (PFHxA)	18.9		1.71	0.39	ng/L		05/28/21 16:14	06/01/21 22:10	1
Perfluoroheptanoic acid (PFHpA)	6.87	B	1.71	0.20	ng/L		05/28/21 16:14	06/01/21 22:10	1
Perfluorooctanoic acid (PFOA)	26.2		1.71	0.36	ng/L		05/28/21 16:14	06/01/21 22:10	1
Perfluorononanoic acid (PFNA)	0.35	J	1.71	0.24	ng/L		05/28/21 16:14	06/01/21 22:10	1
Perfluorodecanoic acid (PFDA)	1.71	U	1.71	0.26	ng/L		05/28/21 16:14	06/01/21 22:10	1
Perfluoroundecanoic acid (PFUnA)	1.71	U	1.71	0.29	ng/L		05/28/21 16:14	06/01/21 22:10	1
Perfluorododecanoic acid (PFDoA)	1.71	U	1.71	0.33	ng/L		05/28/21 16:14	06/01/21 22:10	1
Perfluorotridecanoic acid (PFTriA)	1.71	U	1.71	0.37	ng/L		05/28/21 16:14	06/01/21 22:10	1
Perfluorotetradecanoic acid (PFTeA)	1.71	U	1.71	0.54	ng/L		05/28/21 16:14	06/01/21 22:10	1
Perfluorobutanesulfonic acid (PFBS)	2.09	B	1.71	0.21	ng/L		05/28/21 16:14	06/01/21 22:10	1
Perfluorohexanesulfonic acid (PFHxS)	2.23		1.71	0.26	ng/L		05/28/21 16:14	06/01/21 22:10	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.71	U	1.71	0.20	ng/L		05/28/21 16:14	06/01/21 22:10	1
Perfluorodecanesulfonic acid (PFDS)	1.71	U	1.71	0.26	ng/L		05/28/21 16:14	06/01/21 22:10	1
Perfluorooctanesulfonic acid (PFOS)	3.91	B	1.71	0.25	ng/L		05/28/21 16:14	06/01/21 22:10	1
Perfluorooctanesulfonamide (FOSA)	1.71	U	1.71	0.49	ng/L		05/28/21 16:14	06/01/21 22:10	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CELL 3 BYPASS

Lab Sample ID: 480-184959-7

Date Collected: 05/18/21 13:30

Matrix: Water

Date Received: 05/20/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.26	U	4.26	0.77	ng/L		05/28/21 16:14	06/01/21 22:10	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.26	U	4.26	0.63	ng/L		05/28/21 16:14	06/01/21 22:10	1
6:2 FTS	4.26	U	4.26	0.94	ng/L		05/28/21 16:14	06/01/21 22:10	1
8:2 FTS	1.71	U	1.71	0.33	ng/L		05/28/21 16:14	06/01/21 22:10	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	84		25 - 150				05/28/21 16:14	06/01/21 22:10	1
13C4 PFBA	72		25 - 150				05/28/21 16:14	06/01/21 22:10	1
13C5 PFPeA	83		25 - 150				05/28/21 16:14	06/01/21 22:10	1
13C2 PFHxA	90		50 - 150				05/28/21 16:14	06/01/21 22:10	1
13C4 PFHpA	94		50 - 150				05/28/21 16:14	06/01/21 22:10	1
13C4 PFOA	100		50 - 150				05/28/21 16:14	06/01/21 22:10	1
13C5 PFNA	98		50 - 150				05/28/21 16:14	06/01/21 22:10	1
13C2 PFDA	104		50 - 150				05/28/21 16:14	06/01/21 22:10	1
13C2 PFUnA	99		50 - 150				05/28/21 16:14	06/01/21 22:10	1
13C2 PFDoA	95		50 - 150				05/28/21 16:14	06/01/21 22:10	1
13C2 PFTeDA	89		50 - 150				05/28/21 16:14	06/01/21 22:10	1
13C3 PFBS	82		50 - 150				05/28/21 16:14	06/01/21 22:10	1
18O2 PFHxS	89		50 - 150				05/28/21 16:14	06/01/21 22:10	1
13C4 PFOS	97		50 - 150				05/28/21 16:14	06/01/21 22:10	1
d3-NMeFOSAA	112		50 - 150				05/28/21 16:14	06/01/21 22:10	1
d5-NEtFOSAA	102		50 - 150				05/28/21 16:14	06/01/21 22:10	1
M2-6:2 FTS	94		25 - 150				05/28/21 16:14	06/01/21 22:10	1
M2-8:2 FTS	112		25 - 150				05/28/21 16:14	06/01/21 22:10	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	60.0	ug/L		05/24/21 14:40	05/26/21 14:33	1
Antimony	20.0	U	20.0	6.8	ug/L		05/24/21 14:40	05/26/21 14:33	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/24/21 14:40	05/26/21 14:33	1
Barium	28.7		2.0	0.70	ug/L		05/24/21 14:40	05/26/21 14:33	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/24/21 14:40	05/26/21 14:33	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/24/21 14:40	05/26/21 14:33	1
Calcium	98700		500	100	ug/L		05/24/21 14:40	05/26/21 14:33	1
Chromium	4.0	U	4.0	1.0	ug/L		05/24/21 14:40	05/26/21 14:33	1
Cobalt	4.0	U	4.0	0.63	ug/L		05/24/21 14:40	05/26/21 14:33	1
Copper	10.0	U	10.0	1.6	ug/L		05/24/21 14:40	05/26/21 14:33	1
Iron	253	B	50.0	19.3	ug/L		05/24/21 14:40	05/26/21 14:33	1
Lead	10.0	U	10.0	3.0	ug/L		05/24/21 14:40	05/26/21 14:33	1
Magnesium	17400		200	43.4	ug/L		05/24/21 14:40	05/26/21 14:33	1
Manganese	145		3.0	0.40	ug/L		05/24/21 14:40	05/26/21 14:33	1
Nickel	1.4	J	10.0	1.3	ug/L		05/24/21 14:40	05/26/21 14:33	1
Potassium	3710		500	100	ug/L		05/24/21 14:40	05/26/21 14:33	1
Selenium	25.0	U	25.0	8.7	ug/L		05/24/21 14:40	05/26/21 14:33	1
Silver	6.0	U	6.0	1.7	ug/L		05/24/21 14:40	05/26/21 14:33	1
Sodium	55000		1000	324	ug/L		05/24/21 14:40	05/26/21 14:33	1
Thallium	20.0	U	20.0	10.2	ug/L		05/24/21 14:40	05/26/21 14:33	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/24/21 14:40	05/26/21 14:33	1
Zinc	1.8	J	10.0	1.5	ug/L		05/24/21 14:40	05/26/21 14:33	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CELL 3 BYPASS

Lab Sample ID: 480-184959-7

Date Collected: 05/18/21 13:30

Matrix: Water

Date Received: 05/20/21 08:00

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 17:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	484		10.0	4.0	mg/L			05/21/21 13:35	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	4.0	U	4.0	4.0	mg/L			05/22/21 16:46	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CELL 2 EFFLUENT

Lab Sample ID: 480-184959-8

Date Collected: 05/18/21 14:05

Matrix: Water

Date Received: 05/20/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/25/21 12:10	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/25/21 12:10	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/25/21 12:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/25/21 12:10	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/25/21 12:10	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/25/21 12:10	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/25/21 12:10	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/25/21 12:10	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/25/21 12:10	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/25/21 12:10	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/25/21 12:10	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/25/21 12:10	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/25/21 12:10	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/25/21 12:10	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/25/21 12:10	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/25/21 12:10	1
Acetone	10	U	10	3.0	ug/L			05/25/21 12:10	1
Benzene	1.0	U	1.0	0.41	ug/L			05/25/21 12:10	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/25/21 12:10	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/25/21 12:10	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/25/21 12:10	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/25/21 12:10	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/25/21 12:10	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/25/21 12:10	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/25/21 12:10	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/25/21 12:10	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/25/21 12:10	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/25/21 12:10	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/25/21 12:10	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/25/21 12:10	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/25/21 12:10	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/25/21 12:10	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/25/21 12:10	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/25/21 12:10	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/25/21 12:10	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/25/21 12:10	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/25/21 12:10	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/25/21 12:10	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/25/21 12:10	1
Styrene	1.0	U	1.0	0.73	ug/L			05/25/21 12:10	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/25/21 12:10	1
Toluene	1.0	U	1.0	0.51	ug/L			05/25/21 12:10	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/25/21 12:10	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/25/21 12:10	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/25/21 12:10	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/25/21 12:10	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/25/21 12:10	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/25/21 12:10	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CELL 2 EFFLUENT

Lab Sample ID: 480-184959-8

Date Collected: 05/18/21 14:05

Matrix: Water

Date Received: 05/20/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120		05/25/21 12:10	1
1,2-Dichloroethane-d4 (Surr)	92		77 - 120		05/25/21 12:10	1
4-Bromofluorobenzene (Surr)	104		73 - 120		05/25/21 12:10	1
Dibromofluoromethane (Surr)	100		75 - 123		05/25/21 12:10	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.7	E B	0.20	0.10	ug/L		05/20/21 14:57	05/25/21 02:23	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	32		15 - 110				05/20/21 14:57	05/25/21 02:23	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 21:14	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 21:14	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 21:14	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 21:14	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 21:14	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 21:14	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 21:14	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 21:14	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 21:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	82		39 - 121	05/26/21 15:25	05/27/21 21:14	1
Tetrachloro-m-xylene	85		39 - 121	05/26/21 15:25	05/27/21 21:14	1
DCB Decachlorobiphenyl	41		19 - 120	05/26/21 15:25	05/27/21 21:14	1
DCB Decachlorobiphenyl	40		19 - 120	05/26/21 15:25	05/27/21 21:14	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	9.28	B	4.16	0.74	ng/L		05/28/21 16:14	06/01/21 22:18	1
Perfluoropentanoic acid (PFPeA)	10.6		1.67	0.39	ng/L		05/28/21 16:14	06/01/21 22:18	1
Perfluorohexanoic acid (PFHxA)	14.4		1.67	0.38	ng/L		05/28/21 16:14	06/01/21 22:18	1
Perfluoroheptanoic acid (PFHpA)	5.59	B	1.67	0.20	ng/L		05/28/21 16:14	06/01/21 22:18	1
Perfluorooctanoic acid (PFOA)	20.5		1.67	0.35	ng/L		05/28/21 16:14	06/01/21 22:18	1
Perfluorononanoic acid (PFNA)	0.30	J	1.67	0.23	ng/L		05/28/21 16:14	06/01/21 22:18	1
Perfluorodecanoic acid (PFDA)	1.67	U	1.67	0.25	ng/L		05/28/21 16:14	06/01/21 22:18	1
Perfluoroundecanoic acid (PFUnA)	1.67	U	1.67	0.29	ng/L		05/28/21 16:14	06/01/21 22:18	1
Perfluorododecanoic acid (PFDoA)	1.67	U	1.67	0.32	ng/L		05/28/21 16:14	06/01/21 22:18	1
Perfluorotridecanoic acid (PFTriA)	1.67	U	1.67	0.36	ng/L		05/28/21 16:14	06/01/21 22:18	1
Perfluorotetradecanoic acid (PFTeA)	1.67	U	1.67	0.53	ng/L		05/28/21 16:14	06/01/21 22:18	1
Perfluorobutanesulfonic acid (PFBS)	1.85	B	1.67	0.21	ng/L		05/28/21 16:14	06/01/21 22:18	1
Perfluorohexanesulfonic acid (PFHxS)	1.77		1.67	0.25	ng/L		05/28/21 16:14	06/01/21 22:18	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.67	U	1.67	0.19	ng/L		05/28/21 16:14	06/01/21 22:18	1
Perfluorodecanesulfonic acid (PFDS)	1.67	U	1.67	0.25	ng/L		05/28/21 16:14	06/01/21 22:18	1
Perfluorooctanesulfonic acid (PFOS)	3.28	B	1.67	0.24	ng/L		05/28/21 16:14	06/01/21 22:18	1
Perfluorooctanesulfonamide (FOSA)	1.67	U	1.67	0.48	ng/L		05/28/21 16:14	06/01/21 22:18	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CELL 2 EFFLUENT

Lab Sample ID: 480-184959-8

Date Collected: 05/18/21 14:05

Matrix: Water

Date Received: 05/20/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.16	U	4.16	0.75	ng/L		05/28/21 16:14	06/01/21 22:18	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.16	U	4.16	0.62	ng/L		05/28/21 16:14	06/01/21 22:18	1
6:2 FTS	4.16	U	4.16	0.91	ng/L		05/28/21 16:14	06/01/21 22:18	1
8:2 FTS	1.67	U	1.67	0.32	ng/L		05/28/21 16:14	06/01/21 22:18	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	87		25 - 150				05/28/21 16:14	06/01/21 22:18	1
13C4 PFBA	72		25 - 150				05/28/21 16:14	06/01/21 22:18	1
13C5 PFPeA	85		25 - 150				05/28/21 16:14	06/01/21 22:18	1
13C2 PFHxA	91		50 - 150				05/28/21 16:14	06/01/21 22:18	1
13C4 PFHpA	95		50 - 150				05/28/21 16:14	06/01/21 22:18	1
13C4 PFOA	100		50 - 150				05/28/21 16:14	06/01/21 22:18	1
13C5 PFNA	99		50 - 150				05/28/21 16:14	06/01/21 22:18	1
13C2 PFDA	109		50 - 150				05/28/21 16:14	06/01/21 22:18	1
13C2 PFUnA	104		50 - 150				05/28/21 16:14	06/01/21 22:18	1
13C2 PFDoA	94		50 - 150				05/28/21 16:14	06/01/21 22:18	1
13C2 PFTeDA	87		50 - 150				05/28/21 16:14	06/01/21 22:18	1
13C3 PFBS	82		50 - 150				05/28/21 16:14	06/01/21 22:18	1
18O2 PFHxS	92		50 - 150				05/28/21 16:14	06/01/21 22:18	1
13C4 PFOS	94		50 - 150				05/28/21 16:14	06/01/21 22:18	1
d3-NMeFOSAA	109		50 - 150				05/28/21 16:14	06/01/21 22:18	1
d5-NEtFOSAA	118		50 - 150				05/28/21 16:14	06/01/21 22:18	1
M2-6:2 FTS	109		25 - 150				05/28/21 16:14	06/01/21 22:18	1
M2-8:2 FTS	119		25 - 150				05/28/21 16:14	06/01/21 22:18	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	60.0	ug/L		05/24/21 14:40	05/26/21 14:48	1
Antimony	20.0	U	20.0	6.8	ug/L		05/24/21 14:40	05/26/21 14:48	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/24/21 14:40	05/26/21 14:48	1
Barium	38.6		2.0	0.70	ug/L		05/24/21 14:40	05/26/21 14:48	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/24/21 14:40	05/26/21 14:48	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/24/21 14:40	05/26/21 14:48	1
Calcium	88900		500	100	ug/L		05/24/21 14:40	05/26/21 14:48	1
Chromium	4.0	U	4.0	1.0	ug/L		05/24/21 14:40	05/26/21 14:48	1
Cobalt	0.85	J	4.0	0.63	ug/L		05/24/21 14:40	05/26/21 14:48	1
Copper	2.8	J	10.0	1.6	ug/L		05/24/21 14:40	05/26/21 14:48	1
Iron	1710	B	50.0	19.3	ug/L		05/24/21 14:40	05/26/21 14:48	1
Lead	10.0	U	10.0	3.0	ug/L		05/24/21 14:40	05/26/21 14:48	1
Magnesium	15100		200	43.4	ug/L		05/24/21 14:40	05/26/21 14:48	1
Manganese	309		3.0	0.40	ug/L		05/24/21 14:40	05/26/21 14:48	1
Nickel	3.3	J	10.0	1.3	ug/L		05/24/21 14:40	05/26/21 14:48	1
Potassium	3030		500	100	ug/L		05/24/21 14:40	05/26/21 14:48	1
Selenium	25.0	U	25.0	8.7	ug/L		05/24/21 14:40	05/26/21 14:48	1
Silver	6.0	U	6.0	1.7	ug/L		05/24/21 14:40	05/26/21 14:48	1
Sodium	44500		1000	324	ug/L		05/24/21 14:40	05/26/21 14:48	1
Thallium	20.0	U	20.0	10.2	ug/L		05/24/21 14:40	05/26/21 14:48	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/24/21 14:40	05/26/21 14:48	1
Zinc	1.6	J	10.0	1.5	ug/L		05/24/21 14:40	05/26/21 14:48	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CELL 2 EFFLUENT

Lab Sample ID: 480-184959-8

Date Collected: 05/18/21 14:05

Matrix: Water

Date Received: 05/20/21 08:00

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 17:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	430		10.0	4.0	mg/L			05/21/21 13:35	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	4.0	U	4.0	4.0	mg/L			05/22/21 16:46	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CELL 1 EFFLUENT

Lab Sample ID: 480-184959-9

Date Collected: 05/18/21 14:30

Matrix: Water

Date Received: 05/20/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/25/21 02:42	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/25/21 02:42	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/25/21 02:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/25/21 02:42	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/25/21 02:42	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/25/21 02:42	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/25/21 02:42	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/25/21 02:42	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/25/21 02:42	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/25/21 02:42	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/25/21 02:42	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/25/21 02:42	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/25/21 02:42	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/25/21 02:42	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/25/21 02:42	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/25/21 02:42	1
Acetone	10	U	10	3.0	ug/L			05/25/21 02:42	1
Benzene	1.0	U	1.0	0.41	ug/L			05/25/21 02:42	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/25/21 02:42	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/25/21 02:42	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/25/21 02:42	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/25/21 02:42	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/25/21 02:42	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/25/21 02:42	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/25/21 02:42	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/25/21 02:42	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/25/21 02:42	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/25/21 02:42	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/25/21 02:42	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/25/21 02:42	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/25/21 02:42	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/25/21 02:42	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/25/21 02:42	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/25/21 02:42	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/25/21 02:42	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/25/21 02:42	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/25/21 02:42	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/25/21 02:42	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/25/21 02:42	1
Styrene	1.0	U	1.0	0.73	ug/L			05/25/21 02:42	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/25/21 02:42	1
Toluene	1.0	U	1.0	0.51	ug/L			05/25/21 02:42	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/25/21 02:42	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/25/21 02:42	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/25/21 02:42	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/25/21 02:42	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/25/21 02:42	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/25/21 02:42	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CELL 1 EFFLUENT

Lab Sample ID: 480-184959-9

Date Collected: 05/18/21 14:30

Matrix: Water

Date Received: 05/20/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		05/25/21 02:42	1
1,2-Dichloroethane-d4 (Surr)	90		77 - 120		05/25/21 02:42	1
4-Bromofluorobenzene (Surr)	101		73 - 120		05/25/21 02:42	1
Dibromofluoromethane (Surr)	98		75 - 123		05/25/21 02:42	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.9	E B	0.20	0.10	ug/L		05/20/21 14:57	05/25/21 02:47	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	32		15 - 110				05/20/21 14:57	05/25/21 02:47	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.23	J	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 21:27	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 21:27	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 21:27	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 21:27	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 21:27	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 21:27	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 21:27	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 21:27	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 21:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	82		39 - 121	05/26/21 15:25	05/27/21 21:27	1
Tetrachloro-m-xylene	81		39 - 121	05/26/21 15:25	05/27/21 21:27	1
DCB Decachlorobiphenyl	40		19 - 120	05/26/21 15:25	05/27/21 21:27	1
DCB Decachlorobiphenyl	39		19 - 120	05/26/21 15:25	05/27/21 21:27	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	7.56	B	4.21	0.75	ng/L		05/28/21 16:14	06/01/21 22:26	1
Perfluoropentanoic acid (PFPeA)	9.51		1.69	0.40	ng/L		05/28/21 16:14	06/01/21 22:26	1
Perfluorohexanoic acid (PFHxA)	12.1		1.69	0.38	ng/L		05/28/21 16:14	06/01/21 22:26	1
Perfluoroheptanoic acid (PFHpA)	5.31	B	1.69	0.20	ng/L		05/28/21 16:14	06/01/21 22:26	1
Perfluorooctanoic acid (PFOA)	15.2		1.69	0.36	ng/L		05/28/21 16:14	06/01/21 22:26	1
Perfluorononanoic acid (PFNA)	0.34	J	1.69	0.24	ng/L		05/28/21 16:14	06/01/21 22:26	1
Perfluorodecanoic acid (PFDA)	1.69	U	1.69	0.26	ng/L		05/28/21 16:14	06/01/21 22:26	1
Perfluoroundecanoic acid (PFUnA)	1.69	U	1.69	0.29	ng/L		05/28/21 16:14	06/01/21 22:26	1
Perfluorododecanoic acid (PFDoA)	1.69	U	1.69	0.32	ng/L		05/28/21 16:14	06/01/21 22:26	1
Perfluorotridecanoic acid (PFTriA)	1.69	U	1.69	0.37	ng/L		05/28/21 16:14	06/01/21 22:26	1
Perfluorotetradecanoic acid (PFTeA)	1.69	U	1.69	0.53	ng/L		05/28/21 16:14	06/01/21 22:26	1
Perfluorobutanesulfonic acid (PFBS)	1.77	B	1.69	0.21	ng/L		05/28/21 16:14	06/01/21 22:26	1
Perfluorohexanesulfonic acid (PFHxS)	1.35	J	1.69	0.25	ng/L		05/28/21 16:14	06/01/21 22:26	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.69	U	1.69	0.20	ng/L		05/28/21 16:14	06/01/21 22:26	1
Perfluorodecanesulfonic acid (PFDS)	1.69	U	1.69	0.26	ng/L		05/28/21 16:14	06/01/21 22:26	1
Perfluorooctanesulfonic acid (PFOS)	2.78	B	1.69	0.25	ng/L		05/28/21 16:14	06/01/21 22:26	1
Perfluorooctanesulfonamide (FOSA)	1.69	U	1.69	0.49	ng/L		05/28/21 16:14	06/01/21 22:26	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CELL 1 EFFLUENT

Lab Sample ID: 480-184959-9

Date Collected: 05/18/21 14:30

Matrix: Water

Date Received: 05/20/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.21	U	4.21	0.76	ng/L		05/28/21 16:14	06/01/21 22:26	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.21	U	4.21	0.63	ng/L		05/28/21 16:14	06/01/21 22:26	1
6:2 FTS	4.21	U	4.21	0.92	ng/L		05/28/21 16:14	06/01/21 22:26	1
8:2 FTS	1.69	U	1.69	0.33	ng/L		05/28/21 16:14	06/01/21 22:26	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	82		25 - 150				05/28/21 16:14	06/01/21 22:26	1
13C4 PFBA	70		25 - 150				05/28/21 16:14	06/01/21 22:26	1
13C5 PFPeA	85		25 - 150				05/28/21 16:14	06/01/21 22:26	1
13C2 PFHxA	92		50 - 150				05/28/21 16:14	06/01/21 22:26	1
13C4 PFHpA	95		50 - 150				05/28/21 16:14	06/01/21 22:26	1
13C4 PFOA	99		50 - 150				05/28/21 16:14	06/01/21 22:26	1
13C5 PFNA	101		50 - 150				05/28/21 16:14	06/01/21 22:26	1
13C2 PFDA	98		50 - 150				05/28/21 16:14	06/01/21 22:26	1
13C2 PFUnA	84		50 - 150				05/28/21 16:14	06/01/21 22:26	1
13C2 PFDoA	78		50 - 150				05/28/21 16:14	06/01/21 22:26	1
13C2 PFTeDA	69		50 - 150				05/28/21 16:14	06/01/21 22:26	1
13C3 PFBS	83		50 - 150				05/28/21 16:14	06/01/21 22:26	1
18O2 PFHxS	93		50 - 150				05/28/21 16:14	06/01/21 22:26	1
13C4 PFOS	89		50 - 150				05/28/21 16:14	06/01/21 22:26	1
d3-NMeFOSAA	91		50 - 150				05/28/21 16:14	06/01/21 22:26	1
d5-NEtFOSAA	95		50 - 150				05/28/21 16:14	06/01/21 22:26	1
M2-6:2 FTS	95		25 - 150				05/28/21 16:14	06/01/21 22:26	1
M2-8:2 FTS	102		25 - 150				05/28/21 16:14	06/01/21 22:26	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	903		200	60.0	ug/L		05/24/21 14:40	05/26/21 14:52	1
Antimony	20.0	U	20.0	6.8	ug/L		05/24/21 14:40	05/26/21 14:52	1
Arsenic	14.5	J	15.0	5.6	ug/L		05/24/21 14:40	05/26/21 14:52	1
Barium	342		2.0	0.70	ug/L		05/24/21 14:40	05/26/21 14:52	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/24/21 14:40	05/26/21 14:52	1
Cadmium	0.60	J	2.0	0.50	ug/L		05/24/21 14:40	05/26/21 14:52	1
Calcium	97300		500	100	ug/L		05/24/21 14:40	05/26/21 14:52	1
Chromium	4.0	U	4.0	1.0	ug/L		05/24/21 14:40	05/26/21 14:52	1
Cobalt	21.0		4.0	0.63	ug/L		05/24/21 14:40	05/26/21 14:52	1
Copper	21.0		10.0	1.6	ug/L		05/24/21 14:40	05/26/21 14:52	1
Iron	60600	B	50.0	19.3	ug/L		05/24/21 14:40	05/26/21 14:52	1
Lead	4.3	J	10.0	3.0	ug/L		05/24/21 14:40	05/26/21 14:52	1
Magnesium	15400		200	43.4	ug/L		05/24/21 14:40	05/26/21 14:52	1
Manganese	4790		3.0	0.40	ug/L		05/24/21 14:40	05/26/21 14:52	1
Nickel	34.4		10.0	1.3	ug/L		05/24/21 14:40	05/26/21 14:52	1
Potassium	2640		500	100	ug/L		05/24/21 14:40	05/26/21 14:52	1
Selenium	25.0	U	25.0	8.7	ug/L		05/24/21 14:40	05/26/21 14:52	1
Silver	6.0	U	6.0	1.7	ug/L		05/24/21 14:40	05/26/21 14:52	1
Sodium	34500		1000	324	ug/L		05/24/21 14:40	05/26/21 14:52	1
Thallium	20.0	U	20.0	10.2	ug/L		05/24/21 14:40	05/26/21 14:52	1
Vanadium	7.7		5.0	1.5	ug/L		05/24/21 14:40	05/26/21 14:52	1
Zinc	170		10.0	1.5	ug/L		05/24/21 14:40	05/26/21 14:52	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CELL 1 EFFLUENT

Lab Sample ID: 480-184959-9

Date Collected: 05/18/21 14:30

Matrix: Water

Date Received: 05/20/21 08:00

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 17:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	421		10.0	4.0	mg/L			05/21/21 13:35	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	274		4.0	4.0	mg/L			05/22/21 16:46	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: PPE

Lab Sample ID: 480-184959-10

Date Collected: 05/18/21 15:10

Matrix: Water

Date Received: 05/20/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/25/21 03:05	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/25/21 03:05	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/25/21 03:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/25/21 03:05	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/25/21 03:05	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/25/21 03:05	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/25/21 03:05	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/25/21 03:05	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/25/21 03:05	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/25/21 03:05	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/25/21 03:05	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/25/21 03:05	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/25/21 03:05	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/25/21 03:05	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/25/21 03:05	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/25/21 03:05	1
Acetone	10	U	10	3.0	ug/L			05/25/21 03:05	1
Benzene	1.0	U	1.0	0.41	ug/L			05/25/21 03:05	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/25/21 03:05	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/25/21 03:05	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/25/21 03:05	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/25/21 03:05	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/25/21 03:05	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/25/21 03:05	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/25/21 03:05	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/25/21 03:05	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/25/21 03:05	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/25/21 03:05	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/25/21 03:05	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/25/21 03:05	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/25/21 03:05	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/25/21 03:05	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/25/21 03:05	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/25/21 03:05	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/25/21 03:05	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/25/21 03:05	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/25/21 03:05	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/25/21 03:05	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/25/21 03:05	1
Styrene	1.0	U	1.0	0.73	ug/L			05/25/21 03:05	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/25/21 03:05	1
Toluene	1.0	U	1.0	0.51	ug/L			05/25/21 03:05	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/25/21 03:05	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/25/21 03:05	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/25/21 03:05	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/25/21 03:05	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/25/21 03:05	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/25/21 03:05	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: PPE

Lab Sample ID: 480-184959-10

Date Collected: 05/18/21 15:10

Matrix: Water

Date Received: 05/20/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		80 - 120		05/25/21 03:05	1
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		05/25/21 03:05	1
4-Bromofluorobenzene (Surr)	103		73 - 120		05/25/21 03:05	1
Dibromofluoromethane (Surr)	103		75 - 123		05/25/21 03:05	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.3	B	2.0	1.0	ug/L		05/20/21 14:57	05/25/21 03:10	10
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	26		15 - 110				05/20/21 14:57	05/25/21 03:10	10

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 21:39	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 21:39	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 21:39	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 21:39	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 21:39	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 21:39	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 21:39	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 21:39	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 21:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	77		39 - 121	05/26/21 15:25	05/27/21 21:39	1
Tetrachloro-m-xylene	76		39 - 121	05/26/21 15:25	05/27/21 21:39	1
DCB Decachlorobiphenyl	34		19 - 120	05/26/21 15:25	05/27/21 21:39	1
DCB Decachlorobiphenyl	34		19 - 120	05/26/21 15:25	05/27/21 21:39	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	9.38	B	4.15	0.74	ng/L		05/28/21 16:14	06/01/21 22:35	1
Perfluoropentanoic acid (PFPeA)	12.7		1.66	0.39	ng/L		05/28/21 16:14	06/01/21 22:35	1
Perfluorohexanoic acid (PFHxA)	15.8		1.66	0.38	ng/L		05/28/21 16:14	06/01/21 22:35	1
Perfluoroheptanoic acid (PFHpA)	6.85	B	1.66	0.20	ng/L		05/28/21 16:14	06/01/21 22:35	1
Perfluorooctanoic acid (PFOA)	24.0		1.66	0.35	ng/L		05/28/21 16:14	06/01/21 22:35	1
Perfluorononanoic acid (PFNA)	0.60	J	1.66	0.23	ng/L		05/28/21 16:14	06/01/21 22:35	1
Perfluorodecanoic acid (PFDA)	1.66	U	1.66	0.25	ng/L		05/28/21 16:14	06/01/21 22:35	1
Perfluoroundecanoic acid (PFUnA)	1.66	U	1.66	0.29	ng/L		05/28/21 16:14	06/01/21 22:35	1
Perfluorododecanoic acid (PFDoA)	1.66	U	1.66	0.32	ng/L		05/28/21 16:14	06/01/21 22:35	1
Perfluorotridecanoic acid (PFTriA)	1.66	U	1.66	0.36	ng/L		05/28/21 16:14	06/01/21 22:35	1
Perfluorotetradecanoic acid (PFTeA)	1.66	U	1.66	0.52	ng/L		05/28/21 16:14	06/01/21 22:35	1
Perfluorobutanesulfonic acid (PFBS)	1.78	B	1.66	0.21	ng/L		05/28/21 16:14	06/01/21 22:35	1
Perfluorohexanesulfonic acid (PFHxS)	1.84		1.66	0.25	ng/L		05/28/21 16:14	06/01/21 22:35	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.66	U	1.66	0.19	ng/L		05/28/21 16:14	06/01/21 22:35	1
Perfluorodecanesulfonic acid (PFDS)	1.66	U	1.66	0.25	ng/L		05/28/21 16:14	06/01/21 22:35	1
Perfluorooctanesulfonic acid (PFOS)	4.13	B	1.66	0.24	ng/L		05/28/21 16:14	06/01/21 22:35	1
Perfluorooctanesulfonamide (FOSA)	1.66	U	1.66	0.48	ng/L		05/28/21 16:14	06/01/21 22:35	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: PPE

Lab Sample ID: 480-184959-10

Date Collected: 05/18/21 15:10

Matrix: Water

Date Received: 05/20/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.15	U	4.15	0.75	ng/L		05/28/21 16:14	06/01/21 22:35	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.15	U	4.15	0.62	ng/L		05/28/21 16:14	06/01/21 22:35	1
6:2 FTS	4.15	U	4.15	0.91	ng/L		05/28/21 16:14	06/01/21 22:35	1
8:2 FTS	1.66	U	1.66	0.32	ng/L		05/28/21 16:14	06/01/21 22:35	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	81		25 - 150				05/28/21 16:14	06/01/21 22:35	1
13C4 PFBA	73		25 - 150				05/28/21 16:14	06/01/21 22:35	1
13C5 PFPeA	86		25 - 150				05/28/21 16:14	06/01/21 22:35	1
13C2 PFHxA	92		50 - 150				05/28/21 16:14	06/01/21 22:35	1
13C4 PFHpA	93		50 - 150				05/28/21 16:14	06/01/21 22:35	1
13C4 PFOA	94		50 - 150				05/28/21 16:14	06/01/21 22:35	1
13C5 PFNA	93		50 - 150				05/28/21 16:14	06/01/21 22:35	1
13C2 PFDA	99		50 - 150				05/28/21 16:14	06/01/21 22:35	1
13C2 PFUnA	95		50 - 150				05/28/21 16:14	06/01/21 22:35	1
13C2 PFDoA	88		50 - 150				05/28/21 16:14	06/01/21 22:35	1
13C2 PFTeDA	59		50 - 150				05/28/21 16:14	06/01/21 22:35	1
13C3 PFBS	85		50 - 150				05/28/21 16:14	06/01/21 22:35	1
18O2 PFHxS	89		50 - 150				05/28/21 16:14	06/01/21 22:35	1
13C4 PFOS	87		50 - 150				05/28/21 16:14	06/01/21 22:35	1
d3-NMeFOSAA	103		50 - 150				05/28/21 16:14	06/01/21 22:35	1
d5-NEtFOSAA	103		50 - 150				05/28/21 16:14	06/01/21 22:35	1
M2-6:2 FTS	91		25 - 150				05/28/21 16:14	06/01/21 22:35	1
M2-8:2 FTS	107		25 - 150				05/28/21 16:14	06/01/21 22:35	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1590		200	60.0	ug/L		05/24/21 14:40	05/26/21 14:56	1
Antimony	20.0	U	20.0	6.8	ug/L		05/24/21 14:40	05/26/21 14:56	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/24/21 14:40	05/26/21 14:56	1
Barium	46.0		2.0	0.70	ug/L		05/24/21 14:40	05/26/21 14:56	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/24/21 14:40	05/26/21 14:56	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/24/21 14:40	05/26/21 14:56	1
Calcium	76800		500	100	ug/L		05/24/21 14:40	05/26/21 14:56	1
Chromium	1.9	J	4.0	1.0	ug/L		05/24/21 14:40	05/26/21 14:56	1
Cobalt	0.88	J	4.0	0.63	ug/L		05/24/21 14:40	05/26/21 14:56	1
Copper	2.9	J	10.0	1.6	ug/L		05/24/21 14:40	05/26/21 14:56	1
Iron	2220	B	50.0	19.3	ug/L		05/24/21 14:40	05/26/21 14:56	1
Lead	10.0	U	10.0	3.0	ug/L		05/24/21 14:40	05/26/21 14:56	1
Magnesium	17700		200	43.4	ug/L		05/24/21 14:40	05/26/21 14:56	1
Manganese	265		3.0	0.40	ug/L		05/24/21 14:40	05/26/21 14:56	1
Nickel	4.4	J	10.0	1.3	ug/L		05/24/21 14:40	05/26/21 14:56	1
Potassium	2980		500	100	ug/L		05/24/21 14:40	05/26/21 14:56	1
Selenium	25.0	U	25.0	8.7	ug/L		05/24/21 14:40	05/26/21 14:56	1
Silver	6.0	U	6.0	1.7	ug/L		05/24/21 14:40	05/26/21 14:56	1
Sodium	45100		1000	324	ug/L		05/24/21 14:40	05/26/21 14:56	1
Thallium	20.0	U	20.0	10.2	ug/L		05/24/21 14:40	05/26/21 14:56	1
Vanadium	2.9	J	5.0	1.5	ug/L		05/24/21 14:40	05/26/21 14:56	1
Zinc	8.6	J	10.0	1.5	ug/L		05/24/21 14:40	05/26/21 14:56	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: PPE

Lab Sample ID: 480-184959-10

Date Collected: 05/18/21 15:10

Matrix: Water

Date Received: 05/20/21 08:00

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 17:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	381		10.0	4.0	mg/L			05/21/21 13:35	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	40.8		4.0	4.0	mg/L			05/22/21 16:46	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: PPE-SED

Lab Sample ID: 480-184959-11

Date Collected: 05/18/21 15:30

Matrix: Solid

Date Received: 05/20/21 08:00

Percent Solids: 68.1

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	7.1	U	7.1	0.52	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
1,1,2,2-Tetrachloroethane	7.1	U	7.1	1.2	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
1,1,2-Trichloroethane	7.1	U	7.1	0.92	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	7.1	U	7.1	1.6	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
1,1-Dichloroethane	7.1	U	7.1	0.87	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
1,1-Dichloroethene	7.1	U	7.1	0.87	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
1,2,4-Trichlorobenzene	7.1	U	7.1	0.43	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
1,2-Dibromo-3-Chloropropane	7.1	U	7.1	3.6	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
1,2-Dichlorobenzene	7.1	U	7.1	0.56	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
1,2-Dichloroethane	7.1	U	7.1	0.36	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
1,2-Dichloropropane	7.1	U	7.1	3.6	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
1,3-Dichlorobenzene	7.1	U	7.1	0.37	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
1,4-Dichlorobenzene	7.1	U	7.1	1.0	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
2-Butanone (MEK)	36	U	36	2.6	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
2-Hexanone	36	U	36	3.6	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
4-Methyl-2-pentanone (MIBK)	36	U	36	2.3	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
Acetone	33	J	36	6.0	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
Benzene	7.1	U	7.1	0.35	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
Bromodichloromethane	7.1	U	7.1	0.95	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
Bromoform	7.1	U	7.1	3.6	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
Bromomethane	7.1	U	7.1	0.64	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
Carbon disulfide	7.1	U	7.1	3.6	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
Carbon tetrachloride	7.1	U	7.1	0.69	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
Chlorobenzene	7.1	U	7.1	0.94	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
Dibromochloromethane	7.1	U	7.1	0.91	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
Chloroethane	7.1	U	7.1	1.6	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
Chloroform	7.1	U	7.1	0.44	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
Chloromethane	7.1	U	7.1	0.43	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
cis-1,2-Dichloroethene	7.1	U	7.1	0.91	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
cis-1,3-Dichloropropene	7.1	U	7.1	1.0	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
Cyclohexane	7.1	U	7.1	1.0	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
Dichlorodifluoromethane	7.1	U	7.1	0.59	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
Ethylbenzene	7.1	U	7.1	0.49	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
1,2-Dibromoethane	7.1	U	7.1	0.91	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
Isopropylbenzene	7.1	U	7.1	1.1	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
Methyl acetate	36	U	36	4.3	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
Methyl tert-butyl ether	7.1	U	7.1	0.70	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
Methylcyclohexane	7.1	U	7.1	1.1	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
Methylene Chloride	7.1	U	7.1	3.3	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
Styrene	7.1	U	7.1	0.36	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
Tetrachloroethene	7.1	U	7.1	0.95	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
Toluene	7.1	U	7.1	0.54	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
trans-1,2-Dichloroethene	7.1	U	7.1	0.73	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
trans-1,3-Dichloropropene	7.1	U	7.1	3.1	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
Trichloroethene	7.1	U	7.1	1.6	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
Trichlorofluoromethane	7.1	U	7.1	0.67	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
Vinyl chloride	7.1	U	7.1	0.87	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1
Xylenes, Total	14	U	14	1.2	ug/Kg	✱	05/20/21 17:26	05/20/21 22:46	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: PPE-SED

Lab Sample ID: 480-184959-11

Date Collected: 05/18/21 15:30

Matrix: Solid

Date Received: 05/20/21 08:00

Percent Solids: 68.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		71 - 125	05/20/21 17:26	05/20/21 22:46	1
1,2-Dichloroethane-d4 (Surr)	101		64 - 126	05/20/21 17:26	05/20/21 22:46	1
4-Bromofluorobenzene (Surr)	90		72 - 126	05/20/21 17:26	05/20/21 22:46	1
Dibromofluoromethane (Surr)	99		60 - 140	05/20/21 17:26	05/20/21 22:46	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.34	U	0.34	0.067	mg/Kg	☆	05/27/21 10:04	05/28/21 02:44	1
PCB-1221	0.34	U	0.34	0.067	mg/Kg	☆	05/27/21 10:04	05/28/21 02:44	1
PCB-1232	0.34	U	0.34	0.067	mg/Kg	☆	05/27/21 10:04	05/28/21 02:44	1
PCB-1242	0.34	U	0.34	0.067	mg/Kg	☆	05/27/21 10:04	05/28/21 02:44	1
PCB-1248	0.34	U	0.34	0.067	mg/Kg	☆	05/27/21 10:04	05/28/21 02:44	1
PCB-1254	0.34	U	0.34	0.16	mg/Kg	☆	05/27/21 10:04	05/28/21 02:44	1
PCB-1260	0.34	U	0.34	0.16	mg/Kg	☆	05/27/21 10:04	05/28/21 02:44	1
PCB-1262	0.34	U	0.34	0.16	mg/Kg	☆	05/27/21 10:04	05/28/21 02:44	1
PCB-1268	0.34	U	0.34	0.16	mg/Kg	☆	05/27/21 10:04	05/28/21 02:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	138		60 - 154	05/27/21 10:04	05/28/21 02:44	1
Tetrachloro-m-xylene	132		60 - 154	05/27/21 10:04	05/28/21 02:44	1
DCB Decachlorobiphenyl	139		65 - 174	05/27/21 10:04	05/28/21 02:44	1
DCB Decachlorobiphenyl	128		65 - 174	05/27/21 10:04	05/28/21 02:44	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.73	U	0.73	0.24	ug/Kg	☆	05/25/21 08:44	05/26/21 17:40	1
Perfluoropentanoic acid (PFPeA)	0.068	J	0.29	0.057	ug/Kg	☆	05/25/21 08:44	05/26/21 17:40	1
Perfluorohexanoic acid (PFHxA)	0.081	J	0.29	0.032	ug/Kg	☆	05/25/21 08:44	05/26/21 17:40	1
Perfluoroheptanoic acid (PFHpA)	0.29	U	0.29	0.029	ug/Kg	☆	05/25/21 08:44	05/26/21 17:40	1
Perfluorooctanoic acid (PFOA)	0.10	J	0.29	0.037	ug/Kg	☆	05/25/21 08:44	05/26/21 17:40	1
Perfluorononanoic acid (PFNA)	0.077	J	0.29	0.026	ug/Kg	☆	05/25/21 08:44	05/26/21 17:40	1
Perfluorodecanoic acid (PFDA)	0.049	J	0.29	0.018	ug/Kg	☆	05/25/21 08:44	05/26/21 17:40	1
Perfluoroundecanoic acid (PFUnA)	0.065	J	0.29	0.029	ug/Kg	☆	05/25/21 08:44	05/26/21 17:40	1
Perfluorododecanoic acid (PFDoA)	0.29	U	0.29	0.031	ug/Kg	☆	05/25/21 08:44	05/26/21 17:40	1
Perfluorotridecanoic acid (PFTriA)	0.022	J	0.29	0.022	ug/Kg	☆	05/25/21 08:44	05/26/21 17:40	1
Perfluorotetradecanoic acid (PFTeA)	0.29	U	0.29	0.034	ug/Kg	☆	05/25/21 08:44	05/26/21 17:40	1
Perfluorobutanesulfonic acid (PFBS)	0.020	J B	0.29	0.014	ug/Kg	☆	05/25/21 08:44	05/26/21 17:40	1
Perfluorohexanesulfonic acid (PFHxS)	0.031	J B	0.29	0.020	ug/Kg	☆	05/25/21 08:44	05/26/21 17:40	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.29	U	0.29	0.022	ug/Kg	☆	05/25/21 08:44	05/26/21 17:40	1
Perfluorooctanesulfonic acid (PFOS)	0.18	J B	0.29	0.023	ug/Kg	☆	05/25/21 08:44	05/26/21 17:40	1
Perfluorodecanesulfonic acid (PFDS)	0.29	U	0.29	0.018	ug/Kg	☆	05/25/21 08:44	05/26/21 17:40	1
Perfluorooctanesulfonamide (PFOSA)	0.29	U	0.29	0.025	ug/Kg	☆	05/25/21 08:44	05/26/21 17:40	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.93	U	2.93	0.054	ug/Kg	☆	05/25/21 08:44	05/26/21 17:40	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.93	U	2.93	0.067	ug/Kg	☆	05/25/21 08:44	05/26/21 17:40	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	2.93	U	2.93	0.045	ug/Kg	☆	05/25/21 08:44	05/26/21 17:40	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: PPE-SED

Lab Sample ID: 480-184959-11

Date Collected: 05/18/21 15:30

Matrix: Solid

Date Received: 05/20/21 08:00

Percent Solids: 68.1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	2.93	U	2.93	0.023	ug/Kg	☆	05/25/21 08:44	05/26/21 17:40	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	66		50 - 150				05/25/21 08:44	05/26/21 17:40	1
13C4 PFHpA	71		50 - 150				05/25/21 08:44	05/26/21 17:40	1
13C4 PFOA	73		50 - 150				05/25/21 08:44	05/26/21 17:40	1
13C4 PFOS	62		50 - 150				05/25/21 08:44	05/26/21 17:40	1
13C5 PFNA	71		50 - 150				05/25/21 08:44	05/26/21 17:40	1
13C4 PFBA	68		25 - 150				05/25/21 08:44	05/26/21 17:40	1
13C2 PFHxA	70		50 - 150				05/25/21 08:44	05/26/21 17:40	1
13C2 PFDA	72		50 - 150				05/25/21 08:44	05/26/21 17:40	1
13C2 PFUnA	68		50 - 150				05/25/21 08:44	05/26/21 17:40	1
13C2 PFDaA	70		50 - 150				05/25/21 08:44	05/26/21 17:40	1
13C8 FOSA	55		25 - 150				05/25/21 08:44	05/26/21 17:40	1
13C5 PFPeA	68		25 - 150				05/25/21 08:44	05/26/21 17:40	1
13C2 PFTeDA	79		50 - 150				05/25/21 08:44	05/26/21 17:40	1
d3-NMeFOSAA	74		50 - 150				05/25/21 08:44	05/26/21 17:40	1
d5-NEtFOSAA	77		50 - 150				05/25/21 08:44	05/26/21 17:40	1
M2-6:2 FTS	72		25 - 150				05/25/21 08:44	05/26/21 17:40	1
M2-8:2 FTS	83		25 - 150				05/25/21 08:44	05/26/21 17:40	1
13C3 PFBS	62		50 - 150				05/25/21 08:44	05/26/21 17:40	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	17900		14.7	6.5	mg/Kg	☆	05/24/21 17:54	05/26/21 00:30	1
Antimony	22.0	U	22.0	0.59	mg/Kg	☆	05/24/21 17:54	05/26/21 00:30	1
Arsenic	3.0		2.9	0.59	mg/Kg	☆	05/24/21 17:54	05/26/21 00:30	1
Barium	120		0.73	0.16	mg/Kg	☆	05/24/21 17:54	05/26/21 00:30	1
Beryllium	0.75		0.29	0.041	mg/Kg	☆	05/24/21 17:54	05/26/21 00:30	1
Cadmium	0.14	J	0.29	0.044	mg/Kg	☆	05/24/21 17:54	05/26/21 00:30	1
Calcium	7530		73.4	4.8	mg/Kg	☆	05/24/21 17:54	05/26/21 00:30	1
Chromium	30.9		0.73	0.29	mg/Kg	☆	05/24/21 17:54	05/26/21 00:30	1
Cobalt	10.7		0.73	0.073	mg/Kg	☆	05/24/21 17:54	05/26/21 00:30	1
Copper	17.3		1.5	0.31	mg/Kg	☆	05/24/21 17:54	05/26/21 00:30	1
Iron	22100		14.7	5.1	mg/Kg	☆	05/24/21 17:54	05/26/21 00:30	1
Lead	15.4		1.5	0.35	mg/Kg	☆	05/24/21 17:54	05/26/21 00:30	1
Magnesium	5350		29.4	1.4	mg/Kg	☆	05/24/21 17:54	05/26/21 00:30	1
Manganese	572	B	0.29	0.047	mg/Kg	☆	05/24/21 17:54	05/26/21 00:30	1
Nickel	22.5		7.3	0.34	mg/Kg	☆	05/24/21 17:54	05/26/21 00:30	1
Potassium	3150		44.0	29.4	mg/Kg	☆	05/24/21 17:54	05/26/21 00:30	1
Selenium	1.3	J	5.9	0.59	mg/Kg	☆	05/24/21 17:54	05/26/21 00:30	1
Silver	0.88	U	0.88	0.29	mg/Kg	☆	05/24/21 17:54	05/26/21 00:30	1
Sodium	289	B	205	19.1	mg/Kg	☆	05/24/21 17:54	05/26/21 00:30	1
Thallium	8.8	U	8.8	0.44	mg/Kg	☆	05/24/21 17:54	05/26/21 00:30	1
Vanadium	38.8		0.73	0.16	mg/Kg	☆	05/24/21 17:54	05/26/21 00:30	1
Zinc	51.8		2.9	0.94	mg/Kg	☆	05/24/21 17:54	05/26/21 00:30	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.023	J	0.026	0.010	mg/Kg	☆	05/26/21 15:55	05/26/21 19:30	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CELL 3

Lab Sample ID: 480-184959-12

Date Collected: 05/18/21 13:10

Matrix: Solid

Date Received: 05/20/21 08:00

Percent Solids: 16.0

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	150	U	150	11	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
1,1,2,2-Tetrachloroethane	150	U	150	24	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
1,1,2-Trichloroethane	150	U	150	19	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	150	U	150	33	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
1,1-Dichloroethane	150	U	150	18	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
1,1-Dichloroethene	150	U	150	18	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
1,2,4-Trichlorobenzene	150	U	150	8.9	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
1,2-Dibromo-3-Chloropropane	150	U	150	73	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
1,2-Dichlorobenzene	150	U	150	11	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
1,2-Dichloroethane	150	U	150	7.3	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
1,2-Dichloropropane	150	U	150	73	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
1,3-Dichlorobenzene	150	U	150	7.5	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
1,4-Dichlorobenzene	150	U	150	20	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
2-Butanone (MEK)	230	J	730	53	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
2-Hexanone	730	U	730	73	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
4-Methyl-2-pentanone (MIBK)	730	U	730	48	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
Acetone	1000		730	120	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
Benzene	150	U	150	7.2	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
Bromodichloromethane	150	U	150	20	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
Bromoform	150	U	150	73	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
Bromomethane	150	U	150	13	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
Carbon disulfide	150	U	150	73	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
Carbon tetrachloride	150	U	150	14	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
Chlorobenzene	150	U	150	19	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
Dibromochloromethane	150	U	150	19	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
Chloroethane	150	U	150	33	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
Chloroform	150	U	150	9.0	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
Chloromethane	150	U	150	8.8	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
cis-1,2-Dichloroethene	150	U	150	19	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
cis-1,3-Dichloropropene	150	U	150	21	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
Cyclohexane	150	U	150	20	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
Dichlorodifluoromethane	150	U	150	12	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
Ethylbenzene	150	U	150	10	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
1,2-Dibromoethane	150	U	150	19	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
Isopropylbenzene	150	U	150	22	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
Methyl acetate	730	U	730	88	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
Methyl tert-butyl ether	150	U	150	14	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
Methylcyclohexane	150	U	150	22	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
Methylene Chloride	150	U	150	67	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
Styrene	150	U	150	7.3	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
Tetrachloroethene	150	U	150	20	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
Toluene	150	U	150	11	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
trans-1,2-Dichloroethene	150	U	150	15	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
trans-1,3-Dichloropropene	150	U	150	64	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
Trichloroethene	150	U	150	32	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
Trichlorofluoromethane	150	U	150	14	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
Vinyl chloride	150	U	150	18	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1
Xylenes, Total	290	U	290	25	ug/Kg	✱	05/20/21 17:26	05/20/21 23:10	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CELL 3

Lab Sample ID: 480-184959-12

Date Collected: 05/18/21 13:10

Matrix: Solid

Date Received: 05/20/21 08:00

Percent Solids: 16.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		71 - 125	05/20/21 17:26	05/20/21 23:10	1
1,2-Dichloroethane-d4 (Surr)	99		64 - 126	05/20/21 17:26	05/20/21 23:10	1
4-Bromofluorobenzene (Surr)	90		72 - 126	05/20/21 17:26	05/20/21 23:10	1
Dibromofluoromethane (Surr)	98		60 - 140	05/20/21 17:26	05/20/21 23:10	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	4.0		1.4	0.27	mg/Kg	☆	05/27/21 10:04	05/28/21 02:57	1
PCB-1221	1.4	U	1.4	0.27	mg/Kg	☆	05/27/21 10:04	05/28/21 02:57	1
PCB-1232	1.4	U	1.4	0.27	mg/Kg	☆	05/27/21 10:04	05/28/21 02:57	1
PCB-1242	1.4	U	1.4	0.27	mg/Kg	☆	05/27/21 10:04	05/28/21 02:57	1
PCB-1248	1.4	U	1.4	0.27	mg/Kg	☆	05/27/21 10:04	05/28/21 02:57	1
PCB-1254	1.4	U	1.4	0.64	mg/Kg	☆	05/27/21 10:04	05/28/21 02:57	1
PCB-1260	1.4	U	1.4	0.64	mg/Kg	☆	05/27/21 10:04	05/28/21 02:57	1
PCB-1262	1.4	U	1.4	0.64	mg/Kg	☆	05/27/21 10:04	05/28/21 02:57	1
PCB-1268	1.4	U	1.4	0.64	mg/Kg	☆	05/27/21 10:04	05/28/21 02:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	132		60 - 154	05/27/21 10:04	05/28/21 02:57	1
Tetrachloro-m-xylene	131		60 - 154	05/27/21 10:04	05/28/21 02:57	1
DCB Decachlorobiphenyl	116		65 - 174	05/27/21 10:04	05/28/21 02:57	1
DCB Decachlorobiphenyl	108		65 - 174	05/27/21 10:04	05/28/21 02:57	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.12	U	3.12	1.01	ug/Kg	☆	05/25/21 08:44	05/26/21 17:49	1
Perfluoropentanoic acid (PFPeA)	0.28	J	1.25	0.24	ug/Kg	☆	05/25/21 08:44	05/26/21 17:49	1
Perfluorohexanoic acid (PFHxA)	0.35	J	1.25	0.14	ug/Kg	☆	05/25/21 08:44	05/26/21 17:49	1
Perfluoroheptanoic acid (PFHpA)	0.13	J	1.25	0.12	ug/Kg	☆	05/25/21 08:44	05/26/21 17:49	1
Perfluorooctanoic acid (PFOA)	0.64	J	1.25	0.16	ug/Kg	☆	05/25/21 08:44	05/26/21 17:49	1
Perfluorononanoic acid (PFNA)	1.25	U	1.25	0.11	ug/Kg	☆	05/25/21 08:44	05/26/21 17:49	1
Perfluorodecanoic acid (PFDA)	0.11	J	1.25	0.075	ug/Kg	☆	05/25/21 08:44	05/26/21 17:49	1
Perfluoroundecanoic acid (PFUnA)	0.21	J	1.25	0.12	ug/Kg	☆	05/25/21 08:44	05/26/21 17:49	1
Perfluorododecanoic acid (PFDoA)	0.13	J	1.25	0.13	ug/Kg	☆	05/25/21 08:44	05/26/21 17:49	1
Perfluorotridecanoic acid (PFTriA)	0.098	J	1.25	0.094	ug/Kg	☆	05/25/21 08:44	05/26/21 17:49	1
Perfluorotetradecanoic acid (PFTeA)	1.25	U	1.25	0.14	ug/Kg	☆	05/25/21 08:44	05/26/21 17:49	1
Perfluorobutanesulfonic acid (PFBS)	0.072	J B	1.25	0.058	ug/Kg	☆	05/25/21 08:44	05/26/21 17:49	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	J B	1.25	0.087	ug/Kg	☆	05/25/21 08:44	05/26/21 17:49	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.25	U	1.25	0.094	ug/Kg	☆	05/25/21 08:44	05/26/21 17:49	1
Perfluorooctanesulfonic acid (PFOS)	4.18	B	1.25	0.10	ug/Kg	☆	05/25/21 08:44	05/26/21 17:49	1
Perfluorodecanesulfonic acid (PFDS)	1.25	U	1.25	0.075	ug/Kg	☆	05/25/21 08:44	05/26/21 17:49	1
Perfluorooctanesulfonamide (PFOSA)	0.12	J	1.25	0.11	ug/Kg	☆	05/25/21 08:44	05/26/21 17:49	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	12.5	U	12.5	0.23	ug/Kg	☆	05/25/21 08:44	05/26/21 17:49	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.14	J	12.5	0.29	ug/Kg	☆	05/25/21 08:44	05/26/21 17:49	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CELL 3

Lab Sample ID: 480-184959-12

Date Collected: 05/18/21 13:10

Matrix: Solid

Date Received: 05/20/21 08:00

Percent Solids: 16.0

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	12.5	U	12.5	0.19	ug/Kg	☆	05/25/21 08:44	05/26/21 17:49	1
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	12.5	U	12.5	0.10	ug/Kg	☆	05/25/21 08:44	05/26/21 17:49	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	79		50 - 150				05/25/21 08:44	05/26/21 17:49	1
13C4 PFHpA	87		50 - 150				05/25/21 08:44	05/26/21 17:49	1
13C4 PFOA	88		50 - 150				05/25/21 08:44	05/26/21 17:49	1
13C4 PFOS	79		50 - 150				05/25/21 08:44	05/26/21 17:49	1
13C5 PFNA	85		50 - 150				05/25/21 08:44	05/26/21 17:49	1
13C4 PFBA	76		25 - 150				05/25/21 08:44	05/26/21 17:49	1
13C2 PFHxA	90		50 - 150				05/25/21 08:44	05/26/21 17:49	1
13C2 PFDA	88		50 - 150				05/25/21 08:44	05/26/21 17:49	1
13C2 PFUnA	87		50 - 150				05/25/21 08:44	05/26/21 17:49	1
13C2 PFDoA	88		50 - 150				05/25/21 08:44	05/26/21 17:49	1
13C8 FOSA	61		25 - 150				05/25/21 08:44	05/26/21 17:49	1
13C5 PFPeA	82		25 - 150				05/25/21 08:44	05/26/21 17:49	1
13C2 PFTeDA	70		50 - 150				05/25/21 08:44	05/26/21 17:49	1
d3-NMeFOSAA	94		50 - 150				05/25/21 08:44	05/26/21 17:49	1
d5-NEtFOSAA	99		50 - 150				05/25/21 08:44	05/26/21 17:49	1
M2-6:2 FTS	106		25 - 150				05/25/21 08:44	05/26/21 17:49	1
M2-8:2 FTS	113		25 - 150				05/25/21 08:44	05/26/21 17:49	1
13C3 PFBS	79		50 - 150				05/25/21 08:44	05/26/21 17:49	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	14400		65.4	28.8	mg/Kg	☆	05/24/21 17:54	05/26/21 00:33	1
Antimony	98.1	U	98.1	2.6	mg/Kg	☆	05/24/21 17:54	05/26/21 00:33	1
Arsenic	5.3	J	13.1	2.6	mg/Kg	☆	05/24/21 17:54	05/26/21 00:33	1
Barium	101		3.3	0.72	mg/Kg	☆	05/24/21 17:54	05/26/21 00:33	1
Beryllium	0.56	J	1.3	0.18	mg/Kg	☆	05/24/21 17:54	05/26/21 00:33	1
Cadmium	0.20	J	1.3	0.20	mg/Kg	☆	05/24/21 17:54	05/26/21 00:33	1
Calcium	11500		327	21.6	mg/Kg	☆	05/24/21 17:54	05/26/21 00:33	1
Chromium	18.4		3.3	1.3	mg/Kg	☆	05/24/21 17:54	05/26/21 00:33	1
Cobalt	10.2		3.3	0.33	mg/Kg	☆	05/24/21 17:54	05/26/21 00:33	1
Copper	23.6		6.5	1.4	mg/Kg	☆	05/24/21 17:54	05/26/21 00:33	1
Iron	23900		65.4	22.9	mg/Kg	☆	05/24/21 17:54	05/26/21 00:33	1
Lead	11.5		6.5	1.6	mg/Kg	☆	05/24/21 17:54	05/26/21 00:33	1
Magnesium	2430		131	6.1	mg/Kg	☆	05/24/21 17:54	05/26/21 00:33	1
Manganese	750	B	1.3	0.21	mg/Kg	☆	05/24/21 17:54	05/26/21 00:33	1
Nickel	16.9	J	32.7	1.5	mg/Kg	☆	05/24/21 17:54	05/26/21 00:33	1
Potassium	1950		196	131	mg/Kg	☆	05/24/21 17:54	05/26/21 00:33	1
Selenium	26.1	U	26.1	2.6	mg/Kg	☆	05/24/21 17:54	05/26/21 00:33	1
Silver	3.9	U	3.9	1.3	mg/Kg	☆	05/24/21 17:54	05/26/21 00:33	1
Sodium	562	J B	915	85.0	mg/Kg	☆	05/24/21 17:54	05/26/21 00:33	1
Thallium	39.2	U	39.2	2.0	mg/Kg	☆	05/24/21 17:54	05/26/21 00:33	1
Vanadium	24.2		3.3	0.72	mg/Kg	☆	05/24/21 17:54	05/26/21 00:33	1
Zinc	46.3		13.1	4.2	mg/Kg	☆	05/24/21 17:54	05/26/21 00:33	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CELL 3

Date Collected: 05/18/21 13:10

Date Received: 05/20/21 08:00

Lab Sample ID: 480-184959-12

Matrix: Solid

Percent Solids: 16.0

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.14	U	0.14	0.055	mg/Kg	☼	05/26/21 15:55	05/26/21 19:32	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CELL 2

Lab Sample ID: 480-184959-13

Date Collected: 05/18/21 13:45

Matrix: Solid

Date Received: 05/20/21 08:00

Percent Solids: 15.3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	140	U	140	9.9	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
1,1,2,2-Tetrachloroethane	140	U	140	22	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
1,1,2-Trichloroethane	140	U	140	18	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	140	U	140	31	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
1,1-Dichloroethane	140	U	140	17	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
1,1-Dichloroethene	140	U	140	17	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
1,2,4-Trichlorobenzene	140	U	140	8.3	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
1,2-Dibromo-3-Chloropropane	140	U	140	68	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
1,2-Dichlorobenzene	140	U	140	11	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
1,2-Dichloroethane	140	U	140	6.8	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
1,2-Dichloropropane	140	U	140	68	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
1,3-Dichlorobenzene	140	U	140	7.0	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
1,4-Dichlorobenzene	140	U	140	19	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
2-Butanone (MEK)	680	U	680	50	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
2-Hexanone	680	U	680	68	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
4-Methyl-2-pentanone (MIBK)	680	U	680	45	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
Acetone	320	J	680	110	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
Benzene	140	U	140	6.7	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
Bromodichloromethane	140	U	140	18	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
Bromoform	140	U	140	68	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
Bromomethane	140	U	140	12	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
Carbon disulfide	140	U	140	68	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
Carbon tetrachloride	140	U	140	13	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
Chlorobenzene	140	U	140	18	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
Dibromochloromethane	140	U	140	17	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
Chloroethane	140	U	140	31	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
Chloroform	140	U	140	8.4	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
Chloromethane	140	U	140	8.2	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
cis-1,2-Dichloroethene	140	U	140	17	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
cis-1,3-Dichloropropene	140	U	140	20	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
Cyclohexane	140	U	140	19	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
Dichlorodifluoromethane	140	U	140	11	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
Ethylbenzene	140	U	140	9.4	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
1,2-Dibromoethane	140	U	140	17	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
Isopropylbenzene	140	U	140	21	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
Methyl acetate	680	U	680	82	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
Methyl tert-butyl ether	140	U	140	13	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
Methylcyclohexane	140	U	140	21	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
Methylene Chloride	140	U	140	63	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
Styrene	140	U	140	6.8	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
Tetrachloroethene	140	U	140	18	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
Toluene	140	U	140	10	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
trans-1,2-Dichloroethene	140	U	140	14	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
trans-1,3-Dichloropropene	140	U	140	60	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
Trichloroethene	140	U	140	30	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
Trichlorofluoromethane	140	U	140	13	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
Vinyl chloride	140	U	140	17	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1
Xylenes, Total	270	U	270	23	ug/Kg	✱	05/20/21 17:26	05/20/21 23:35	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CELL 2

Lab Sample ID: 480-184959-13

Date Collected: 05/18/21 13:45

Matrix: Solid

Date Received: 05/20/21 08:00

Percent Solids: 15.3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		71 - 125	05/20/21 17:26	05/20/21 23:35	1
1,2-Dichloroethane-d4 (Surr)	100		64 - 126	05/20/21 17:26	05/20/21 23:35	1
4-Bromofluorobenzene (Surr)	92		72 - 126	05/20/21 17:26	05/20/21 23:35	1
Dibromofluoromethane (Surr)	98		60 - 140	05/20/21 17:26	05/20/21 23:35	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.5	U	1.5	0.29	mg/Kg	✱	05/27/21 10:04	05/28/21 03:10	1
PCB-1221	1.5	U	1.5	0.29	mg/Kg	✱	05/27/21 10:04	05/28/21 03:10	1
PCB-1232	1.5	U	1.5	0.29	mg/Kg	✱	05/27/21 10:04	05/28/21 03:10	1
PCB-1242	1.5	U	1.5	0.29	mg/Kg	✱	05/27/21 10:04	05/28/21 03:10	1
PCB-1248	1.5	U	1.5	0.29	mg/Kg	✱	05/27/21 10:04	05/28/21 03:10	1
PCB-1254	1.5	U	1.5	0.69	mg/Kg	✱	05/27/21 10:04	05/28/21 03:10	1
PCB-1260	1.5	U	1.5	0.69	mg/Kg	✱	05/27/21 10:04	05/28/21 03:10	1
PCB-1262	1.5	U	1.5	0.69	mg/Kg	✱	05/27/21 10:04	05/28/21 03:10	1
PCB-1268	1.5	U	1.5	0.69	mg/Kg	✱	05/27/21 10:04	05/28/21 03:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	142		60 - 154	05/27/21 10:04	05/28/21 03:10	1
Tetrachloro-m-xylene	134		60 - 154	05/27/21 10:04	05/28/21 03:10	1
DCB Decachlorobiphenyl	139		65 - 174	05/27/21 10:04	05/28/21 03:10	1
DCB Decachlorobiphenyl	129		65 - 174	05/27/21 10:04	05/28/21 03:10	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.16	U	3.16	1.02	ug/Kg	✱	05/25/21 08:44	05/26/21 17:57	1
Perfluoropentanoic acid (PFPeA)	1.27	U	1.27	0.25	ug/Kg	✱	05/25/21 08:44	05/26/21 17:57	1
Perfluorohexanoic acid (PFHxA)	0.41	J	1.27	0.14	ug/Kg	✱	05/25/21 08:44	05/26/21 17:57	1
Perfluoroheptanoic acid (PFHpA)	0.26	J	1.27	0.13	ug/Kg	✱	05/25/21 08:44	05/26/21 17:57	1
Perfluorooctanoic acid (PFOA)	1.25	J	1.27	0.16	ug/Kg	✱	05/25/21 08:44	05/26/21 17:57	1
Perfluorononanoic acid (PFNA)	0.22	J	1.27	0.11	ug/Kg	✱	05/25/21 08:44	05/26/21 17:57	1
Perfluorodecanoic acid (PFDA)	0.087	J	1.27	0.076	ug/Kg	✱	05/25/21 08:44	05/26/21 17:57	1
Perfluoroundecanoic acid (PFUnA)	1.27	U	1.27	0.13	ug/Kg	✱	05/25/21 08:44	05/26/21 17:57	1
Perfluorododecanoic acid (PFDoA)	1.27	U	1.27	0.13	ug/Kg	✱	05/25/21 08:44	05/26/21 17:57	1
Perfluorotridecanoic acid (PFTriA)	1.27	U	1.27	0.095	ug/Kg	✱	05/25/21 08:44	05/26/21 17:57	1
Perfluorotetradecanoic acid (PFTeA)	1.27	U	1.27	0.15	ug/Kg	✱	05/25/21 08:44	05/26/21 17:57	1
Perfluorobutanesulfonic acid (PFBS)	0.092	J B	1.27	0.059	ug/Kg	✱	05/25/21 08:44	05/26/21 17:57	1
Perfluorohexanesulfonic acid (PFHxS)	0.24	J B	1.27	0.089	ug/Kg	✱	05/25/21 08:44	05/26/21 17:57	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.27	U	1.27	0.095	ug/Kg	✱	05/25/21 08:44	05/26/21 17:57	1
Perfluorooctanesulfonic acid (PFOS)	2.43	B	1.27	0.10	ug/Kg	✱	05/25/21 08:44	05/26/21 17:57	1
Perfluorodecanesulfonic acid (PFDS)	1.27	U	1.27	0.076	ug/Kg	✱	05/25/21 08:44	05/26/21 17:57	1
Perfluorooctanesulfonamide (PFOSA)	1.27	U	1.27	0.11	ug/Kg	✱	05/25/21 08:44	05/26/21 17:57	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	12.7	U	12.7	0.23	ug/Kg	✱	05/25/21 08:44	05/26/21 17:57	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	12.7	U	12.7	0.29	ug/Kg	✱	05/25/21 08:44	05/26/21 17:57	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	12.7	U	12.7	0.20	ug/Kg	✱	05/25/21 08:44	05/26/21 17:57	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CELL 2

Lab Sample ID: 480-184959-13

Date Collected: 05/18/21 13:45

Matrix: Solid

Date Received: 05/20/21 08:00

Percent Solids: 15.3

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	12.7	U	12.7	0.10	ug/Kg	☆	05/25/21 08:44	05/26/21 17:57	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	77		50 - 150				05/25/21 08:44	05/26/21 17:57	1
13C4 PFHpA	81		50 - 150				05/25/21 08:44	05/26/21 17:57	1
13C4 PFOA	90		50 - 150				05/25/21 08:44	05/26/21 17:57	1
13C4 PFOS	81		50 - 150				05/25/21 08:44	05/26/21 17:57	1
13C5 PFNA	87		50 - 150				05/25/21 08:44	05/26/21 17:57	1
13C4 PFBA	82		25 - 150				05/25/21 08:44	05/26/21 17:57	1
13C2 PFHxA	83		50 - 150				05/25/21 08:44	05/26/21 17:57	1
13C2 PFDA	86		50 - 150				05/25/21 08:44	05/26/21 17:57	1
13C2 PFUnA	85		50 - 150				05/25/21 08:44	05/26/21 17:57	1
13C2 PFDaA	79		50 - 150				05/25/21 08:44	05/26/21 17:57	1
13C8 FOSA	61		25 - 150				05/25/21 08:44	05/26/21 17:57	1
13C5 PFPeA	82		25 - 150				05/25/21 08:44	05/26/21 17:57	1
13C2 PFTeDA	74		50 - 150				05/25/21 08:44	05/26/21 17:57	1
d3-NMeFOSAA	86		50 - 150				05/25/21 08:44	05/26/21 17:57	1
d5-NEtFOSAA	91		50 - 150				05/25/21 08:44	05/26/21 17:57	1
M2-6:2 FTS	99		25 - 150				05/25/21 08:44	05/26/21 17:57	1
M2-8:2 FTS	120		25 - 150				05/25/21 08:44	05/26/21 17:57	1
13C3 PFBS	78		50 - 150				05/25/21 08:44	05/26/21 17:57	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13900		65.0	28.6	mg/Kg	☆	05/24/21 17:54	05/26/21 00:37	1
Antimony	97.5	U	97.5	2.6	mg/Kg	☆	05/24/21 17:54	05/26/21 00:37	1
Arsenic	9.7	J	13.0	2.6	mg/Kg	☆	05/24/21 17:54	05/26/21 00:37	1
Barium	132		3.2	0.71	mg/Kg	☆	05/24/21 17:54	05/26/21 00:37	1
Beryllium	0.80	J	1.3	0.18	mg/Kg	☆	05/24/21 17:54	05/26/21 00:37	1
Cadmium	0.37	J	1.3	0.19	mg/Kg	☆	05/24/21 17:54	05/26/21 00:37	1
Calcium	16600		325	21.4	mg/Kg	☆	05/24/21 17:54	05/26/21 00:37	1
Chromium	20.6		3.2	1.3	mg/Kg	☆	05/24/21 17:54	05/26/21 00:37	1
Cobalt	13.2		3.2	0.32	mg/Kg	☆	05/24/21 17:54	05/26/21 00:37	1
Copper	24.5		6.5	1.4	mg/Kg	☆	05/24/21 17:54	05/26/21 00:37	1
Iron	14400		65.0	22.7	mg/Kg	☆	05/24/21 17:54	05/26/21 00:37	1
Lead	10.9		6.5	1.6	mg/Kg	☆	05/24/21 17:54	05/26/21 00:37	1
Magnesium	4120		130	6.0	mg/Kg	☆	05/24/21 17:54	05/26/21 00:37	1
Manganese	1280	B	1.3	0.21	mg/Kg	☆	05/24/21 17:54	05/26/21 00:37	1
Nickel	21.9	J	32.5	1.5	mg/Kg	☆	05/24/21 17:54	05/26/21 00:37	1
Potassium	2380		195	130	mg/Kg	☆	05/24/21 17:54	05/26/21 00:37	1
Selenium	26.0	U	26.0	2.6	mg/Kg	☆	05/24/21 17:54	05/26/21 00:37	1
Silver	3.9	U	3.9	1.3	mg/Kg	☆	05/24/21 17:54	05/26/21 00:37	1
Sodium	583	J B	910	84.5	mg/Kg	☆	05/24/21 17:54	05/26/21 00:37	1
Thallium	39.0	U	39.0	1.9	mg/Kg	☆	05/24/21 17:54	05/26/21 00:37	1
Vanadium	30.8		3.2	0.71	mg/Kg	☆	05/24/21 17:54	05/26/21 00:37	1
Zinc	60.8		13.0	4.2	mg/Kg	☆	05/24/21 17:54	05/26/21 00:37	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.054	J	0.12	0.048	mg/Kg	☆	05/26/21 15:55	05/26/21 19:33	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CELL 1

Lab Sample ID: 480-184959-14

Date Collected: 05/18/21 14:50

Matrix: Solid

Date Received: 05/20/21 08:00

Percent Solids: 80.9

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	6.1	U	6.1	0.44	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
1,1,2,2-Tetrachloroethane	6.1	U	6.1	0.99	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
1,1,2-Trichloroethane	6.1	U	6.1	0.79	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	6.1	U	6.1	1.4	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
1,1-Dichloroethane	6.1	U	6.1	0.74	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
1,1-Dichloroethene	6.1	U	6.1	0.75	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
1,2,4-Trichlorobenzene	6.1	U	6.1	0.37	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
1,2-Dibromo-3-Chloropropane	6.1	U	6.1	3.1	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
1,2-Dichlorobenzene	6.1	U	6.1	0.48	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
1,2-Dichloroethane	6.1	U	6.1	0.31	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
1,2-Dichloropropane	6.1	U	6.1	3.1	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
1,3-Dichlorobenzene	6.1	U	6.1	0.31	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
1,4-Dichlorobenzene	6.1	U	6.1	0.85	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
2-Butanone (MEK)	31	U	31	2.2	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
2-Hexanone	31	U	31	3.1	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
4-Methyl-2-pentanone (MIBK)	31	U	31	2.0	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
Acetone	31	U	31	5.1	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
Benzene	6.1	U	6.1	0.30	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
Bromodichloromethane	6.1	U	6.1	0.82	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
Bromoform	6.1	U	6.1	3.1	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
Bromomethane	6.1	U	6.1	0.55	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
Carbon disulfide	6.1	U	6.1	3.1	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
Carbon tetrachloride	6.1	U	6.1	0.59	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
Chlorobenzene	6.1	U	6.1	0.81	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
Dibromochloromethane	6.1	U	6.1	0.78	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
Chloroethane	6.1	U	6.1	1.4	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
Chloroform	6.1	U	6.1	0.38	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
Chloromethane	6.1	U	6.1	0.37	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
cis-1,2-Dichloroethene	6.1	U	6.1	0.78	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
cis-1,3-Dichloropropene	6.1	U	6.1	0.88	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
Cyclohexane	6.1	U	6.1	0.85	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
Dichlorodifluoromethane	6.1	U	6.1	0.50	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
Ethylbenzene	6.1	U	6.1	0.42	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
1,2-Dibromoethane	6.1	U	6.1	0.78	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
Isopropylbenzene	6.1	U	6.1	0.92	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
Methyl acetate	31	U	31	3.7	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
Methyl tert-butyl ether	6.1	U	6.1	0.60	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
Methylcyclohexane	6.1	U	6.1	0.93	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
Methylene Chloride	6.1	U	6.1	2.8	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
Styrene	6.1	U	6.1	0.31	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
Tetrachloroethene	6.1	U	6.1	0.82	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
Toluene	6.1	U	6.1	0.46	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
trans-1,2-Dichloroethene	6.1	U	6.1	0.63	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
trans-1,3-Dichloropropene	6.1	U	6.1	2.7	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
Trichloroethene	6.1	U	6.1	1.3	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
Trichlorofluoromethane	6.1	U	6.1	0.58	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
Vinyl chloride	6.1	U	6.1	0.74	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1
Xylenes, Total	12	U	12	1.0	ug/Kg	☆	05/20/21 17:26	05/20/21 23:59	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CELL 1

Lab Sample ID: 480-184959-14

Date Collected: 05/18/21 14:50

Matrix: Solid

Date Received: 05/20/21 08:00

Percent Solids: 80.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		71 - 125	05/20/21 17:26	05/20/21 23:59	1
1,2-Dichloroethane-d4 (Surr)	101		64 - 126	05/20/21 17:26	05/20/21 23:59	1
4-Bromofluorobenzene (Surr)	90		72 - 126	05/20/21 17:26	05/20/21 23:59	1
Dibromofluoromethane (Surr)	101		60 - 140	05/20/21 17:26	05/20/21 23:59	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.27	U	0.27	0.052	mg/Kg	☆	05/27/21 10:04	05/28/21 03:23	1
PCB-1221	0.27	U	0.27	0.052	mg/Kg	☆	05/27/21 10:04	05/28/21 03:23	1
PCB-1232	0.27	U	0.27	0.052	mg/Kg	☆	05/27/21 10:04	05/28/21 03:23	1
PCB-1242	0.27	U	0.27	0.052	mg/Kg	☆	05/27/21 10:04	05/28/21 03:23	1
PCB-1248	0.27	U	0.27	0.052	mg/Kg	☆	05/27/21 10:04	05/28/21 03:23	1
PCB-1254	0.27	U	0.27	0.12	mg/Kg	☆	05/27/21 10:04	05/28/21 03:23	1
PCB-1260	0.27	U	0.27	0.12	mg/Kg	☆	05/27/21 10:04	05/28/21 03:23	1
PCB-1262	0.27	U	0.27	0.12	mg/Kg	☆	05/27/21 10:04	05/28/21 03:23	1
PCB-1268	0.27	U	0.27	0.12	mg/Kg	☆	05/27/21 10:04	05/28/21 03:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	139		60 - 154	05/27/21 10:04	05/28/21 03:23	1
Tetrachloro-m-xylene	137		60 - 154	05/27/21 10:04	05/28/21 03:23	1
DCB Decachlorobiphenyl	135		65 - 174	05/27/21 10:04	05/28/21 03:23	1
DCB Decachlorobiphenyl	125		65 - 174	05/27/21 10:04	05/28/21 03:23	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.60	U	0.60	0.19	ug/Kg	☆	05/25/21 08:44	05/26/21 18:05	1
Perfluoropentanoic acid (PFPeA)	0.070	J	0.24	0.046	ug/Kg	☆	05/25/21 08:44	05/26/21 18:05	1
Perfluorohexanoic acid (PFHxA)	0.24	U	0.24	0.026	ug/Kg	☆	05/25/21 08:44	05/26/21 18:05	1
Perfluoroheptanoic acid (PFHpA)	0.029	J	0.24	0.024	ug/Kg	☆	05/25/21 08:44	05/26/21 18:05	1
Perfluorooctanoic acid (PFOA)	0.058	J	0.24	0.030	ug/Kg	☆	05/25/21 08:44	05/26/21 18:05	1
Perfluorononanoic acid (PFNA)	0.071	J	0.24	0.021	ug/Kg	☆	05/25/21 08:44	05/26/21 18:05	1
Perfluorodecanoic acid (PFDA)	0.067	J	0.24	0.014	ug/Kg	☆	05/25/21 08:44	05/26/21 18:05	1
Perfluoroundecanoic acid (PFUnA)	0.15	J	0.24	0.024	ug/Kg	☆	05/25/21 08:44	05/26/21 18:05	1
Perfluorododecanoic acid (PFDoA)	0.065	J	0.24	0.025	ug/Kg	☆	05/25/21 08:44	05/26/21 18:05	1
Perfluorotridecanoic acid (PFTriA)	0.054	J	0.24	0.018	ug/Kg	☆	05/25/21 08:44	05/26/21 18:05	1
Perfluorotetradecanoic acid (PFTeA)	0.031	J	0.24	0.027	ug/Kg	☆	05/25/21 08:44	05/26/21 18:05	1
Perfluorobutanesulfonic acid (PFBS)	0.011	J B	0.24	0.011	ug/Kg	☆	05/25/21 08:44	05/26/21 18:05	1
Perfluorohexanesulfonic acid (PFHxS)	0.040	J B	0.24	0.017	ug/Kg	☆	05/25/21 08:44	05/26/21 18:05	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.24	U	0.24	0.018	ug/Kg	☆	05/25/21 08:44	05/26/21 18:05	1
Perfluorooctanesulfonic acid (PFOS)	0.59	B	0.24	0.019	ug/Kg	☆	05/25/21 08:44	05/26/21 18:05	1
Perfluorodecanesulfonic acid (PFDS)	0.24	U	0.24	0.014	ug/Kg	☆	05/25/21 08:44	05/26/21 18:05	1
Perfluorooctanesulfonamide (PFOSA)	0.24	U	0.24	0.020	ug/Kg	☆	05/25/21 08:44	05/26/21 18:05	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.38	U	2.38	0.044	ug/Kg	☆	05/25/21 08:44	05/26/21 18:05	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.38	U	2.38	0.055	ug/Kg	☆	05/25/21 08:44	05/26/21 18:05	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CELL 1

Lab Sample ID: 480-184959-14

Date Collected: 05/18/21 14:50

Matrix: Solid

Date Received: 05/20/21 08:00

Percent Solids: 80.9

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	2.38	U	2.38	0.037	ug/Kg	☆	05/25/21 08:44	05/26/21 18:05	1
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	2.38	U	2.38	0.019	ug/Kg	☆	05/25/21 08:44	05/26/21 18:05	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	72		50 - 150				05/25/21 08:44	05/26/21 18:05	1
13C4 PFHpA	78		50 - 150				05/25/21 08:44	05/26/21 18:05	1
13C4 PFOA	84		50 - 150				05/25/21 08:44	05/26/21 18:05	1
13C4 PFOS	64		50 - 150				05/25/21 08:44	05/26/21 18:05	1
13C5 PFNA	77		50 - 150				05/25/21 08:44	05/26/21 18:05	1
13C4 PFBA	67		25 - 150				05/25/21 08:44	05/26/21 18:05	1
13C2 PFHxA	78		50 - 150				05/25/21 08:44	05/26/21 18:05	1
13C2 PFDA	83		50 - 150				05/25/21 08:44	05/26/21 18:05	1
13C2 PFUnA	80		50 - 150				05/25/21 08:44	05/26/21 18:05	1
13C2 PFDoA	71		50 - 150				05/25/21 08:44	05/26/21 18:05	1
13C8 FOSA	54		25 - 150				05/25/21 08:44	05/26/21 18:05	1
13C5 PFPeA	75		25 - 150				05/25/21 08:44	05/26/21 18:05	1
13C2 PFTeDA	56		50 - 150				05/25/21 08:44	05/26/21 18:05	1
d3-NMeFOSAA	79		50 - 150				05/25/21 08:44	05/26/21 18:05	1
d5-NEtFOSAA	102		50 - 150				05/25/21 08:44	05/26/21 18:05	1
M2-6:2 FTS	126		25 - 150				05/25/21 08:44	05/26/21 18:05	1
M2-8:2 FTS	119		25 - 150				05/25/21 08:44	05/26/21 18:05	1
13C3 PFBS	70		50 - 150				05/25/21 08:44	05/26/21 18:05	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2250		12.1	5.3	mg/Kg	☆	05/24/21 17:54	05/26/21 00:52	1
Antimony	18.1	U	18.1	0.48	mg/Kg	☆	05/24/21 17:54	05/26/21 00:52	1
Arsenic	1.3	J	2.4	0.48	mg/Kg	☆	05/24/21 17:54	05/26/21 00:52	1
Barium	18.4		0.60	0.13	mg/Kg	☆	05/24/21 17:54	05/26/21 00:52	1
Beryllium	0.11	J	0.24	0.034	mg/Kg	☆	05/24/21 17:54	05/26/21 00:52	1
Cadmium	0.15	J	0.24	0.036	mg/Kg	☆	05/24/21 17:54	05/26/21 00:52	1
Calcium	14600		60.4	4.0	mg/Kg	☆	05/24/21 17:54	05/26/21 00:52	1
Chromium	4.3		0.60	0.24	mg/Kg	☆	05/24/21 17:54	05/26/21 00:52	1
Cobalt	2.4		0.60	0.060	mg/Kg	☆	05/24/21 17:54	05/26/21 00:52	1
Copper	11.7		1.2	0.25	mg/Kg	☆	05/24/21 17:54	05/26/21 00:52	1
Iron	4990		12.1	4.2	mg/Kg	☆	05/24/21 17:54	05/26/21 00:52	1
Lead	3.3		1.2	0.29	mg/Kg	☆	05/24/21 17:54	05/26/21 00:52	1
Magnesium	6910		24.2	1.1	mg/Kg	☆	05/24/21 17:54	05/26/21 00:52	1
Manganese	207	B	0.24	0.039	mg/Kg	☆	05/24/21 17:54	05/26/21 00:52	1
Nickel	5.6	J	6.0	0.28	mg/Kg	☆	05/24/21 17:54	05/26/21 00:52	1
Potassium	548		36.3	24.2	mg/Kg	☆	05/24/21 17:54	05/26/21 00:52	1
Selenium	4.8	U	4.8	0.48	mg/Kg	☆	05/24/21 17:54	05/26/21 00:52	1
Silver	0.73	U	0.73	0.24	mg/Kg	☆	05/24/21 17:54	05/26/21 00:52	1
Sodium	69.1	J B	169	15.7	mg/Kg	☆	05/24/21 17:54	05/26/21 00:52	1
Thallium	7.3	U	7.3	0.36	mg/Kg	☆	05/24/21 17:54	05/26/21 00:52	1
Vanadium	6.5		0.60	0.13	mg/Kg	☆	05/24/21 17:54	05/26/21 00:52	1
Zinc	22.6		2.4	0.77	mg/Kg	☆	05/24/21 17:54	05/26/21 00:52	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CELL 1

Date Collected: 05/18/21 14:50

Date Received: 05/20/21 08:00

Lab Sample ID: 480-184959-14

Matrix: Solid

Percent Solids: 80.9

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.023	J	0.025	0.010	mg/Kg	☼	05/26/21 15:55	05/26/21 19:34	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: PPI

Lab Sample ID: 480-184959-15

Date Collected: 05/18/21 15:45

Matrix: Water

Date Received: 05/20/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/25/21 03:28	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/25/21 03:28	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/25/21 03:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/25/21 03:28	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/25/21 03:28	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/25/21 03:28	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/25/21 03:28	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/25/21 03:28	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/25/21 03:28	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/25/21 03:28	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/25/21 03:28	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/25/21 03:28	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/25/21 03:28	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/25/21 03:28	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/25/21 03:28	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/25/21 03:28	1
Acetone	10	U	10	3.0	ug/L			05/25/21 03:28	1
Benzene	1.0	U	1.0	0.41	ug/L			05/25/21 03:28	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/25/21 03:28	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/25/21 03:28	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/25/21 03:28	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/25/21 03:28	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/25/21 03:28	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/25/21 03:28	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/25/21 03:28	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/25/21 03:28	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/25/21 03:28	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/25/21 03:28	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/25/21 03:28	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/25/21 03:28	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/25/21 03:28	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/25/21 03:28	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/25/21 03:28	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/25/21 03:28	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/25/21 03:28	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/25/21 03:28	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/25/21 03:28	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/25/21 03:28	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/25/21 03:28	1
Styrene	1.0	U	1.0	0.73	ug/L			05/25/21 03:28	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/25/21 03:28	1
Toluene	1.0	U	1.0	0.51	ug/L			05/25/21 03:28	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/25/21 03:28	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/25/21 03:28	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/25/21 03:28	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/25/21 03:28	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/25/21 03:28	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/25/21 03:28	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: PPI

Lab Sample ID: 480-184959-15

Date Collected: 05/18/21 15:45

Matrix: Water

Date Received: 05/20/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120		05/25/21 03:28	1
1,2-Dichloroethane-d4 (Surr)	94		77 - 120		05/25/21 03:28	1
4-Bromofluorobenzene (Surr)	101		73 - 120		05/25/21 03:28	1
Dibromofluoromethane (Surr)	100		75 - 123		05/25/21 03:28	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.7	E B	0.20	0.10	ug/L		05/20/21 14:57	05/25/21 03:34	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	30		15 - 110				05/20/21 14:57	05/25/21 03:34	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 21:52	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 21:52	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 21:52	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 21:52	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 21:52	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 21:52	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 21:52	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 21:52	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 21:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	86		39 - 121	05/26/21 15:25	05/27/21 21:52	1
Tetrachloro-m-xylene	83		39 - 121	05/26/21 15:25	05/27/21 21:52	1
DCB Decachlorobiphenyl	42		19 - 120	05/26/21 15:25	05/27/21 21:52	1
DCB Decachlorobiphenyl	42		19 - 120	05/26/21 15:25	05/27/21 21:52	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	8.42	B	4.03	0.72	ng/L		05/28/21 16:14	06/01/21 22:51	1
Perfluoropentanoic acid (PFPeA)	10.1		1.61	0.38	ng/L		05/28/21 16:14	06/01/21 22:51	1
Perfluorohexanoic acid (PFHxA)	13.2		1.61	0.36	ng/L		05/28/21 16:14	06/01/21 22:51	1
Perfluoroheptanoic acid (PFHpA)	6.01	B	1.61	0.19	ng/L		05/28/21 16:14	06/01/21 22:51	1
Perfluorooctanoic acid (PFOA)	22.4		1.61	0.34	ng/L		05/28/21 16:14	06/01/21 22:51	1
Perfluorononanoic acid (PFNA)	0.61	J	1.61	0.23	ng/L		05/28/21 16:14	06/01/21 22:51	1
Perfluorodecanoic acid (PFDA)	0.32	J B	1.61	0.25	ng/L		05/28/21 16:14	06/01/21 22:51	1
Perfluoroundecanoic acid (PFUnA)	0.30	J	1.61	0.28	ng/L		05/28/21 16:14	06/01/21 22:51	1
Perfluorododecanoic acid (PFDoA)	1.61	U	1.61	0.31	ng/L		05/28/21 16:14	06/01/21 22:51	1
Perfluorotridecanoic acid (PFTriA)	1.61	U	1.61	0.35	ng/L		05/28/21 16:14	06/01/21 22:51	1
Perfluorotetradecanoic acid (PFTeA)	1.61	U	1.61	0.51	ng/L		05/28/21 16:14	06/01/21 22:51	1
Perfluorobutanesulfonic acid (PFBS)	1.98	B	1.61	0.20	ng/L		05/28/21 16:14	06/01/21 22:51	1
Perfluorohexanesulfonic acid (PFHxS)	2.14		1.61	0.24	ng/L		05/28/21 16:14	06/01/21 22:51	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.34	J	1.61	0.19	ng/L		05/28/21 16:14	06/01/21 22:51	1
Perfluorodecanesulfonic acid (PFDS)	0.31	J	1.61	0.25	ng/L		05/28/21 16:14	06/01/21 22:51	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: PPI

Lab Sample ID: 480-184959-15

Date Collected: 05/18/21 15:45

Matrix: Water

Date Received: 05/20/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	3.57	B	1.61	0.23	ng/L		05/28/21 16:14	06/01/21 22:51	1
Perfluorooctanesulfonamide (FOSA)	1.61	U	1.61	0.47	ng/L		05/28/21 16:14	06/01/21 22:51	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.03	U	4.03	0.73	ng/L		05/28/21 16:14	06/01/21 22:51	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.03	U	4.03	0.60	ng/L		05/28/21 16:14	06/01/21 22:51	1
6:2 FTS	4.03	U	4.03	0.89	ng/L		05/28/21 16:14	06/01/21 22:51	1
8:2 FTS	1.61	U	1.61	0.31	ng/L		05/28/21 16:14	06/01/21 22:51	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	81		25 - 150				05/28/21 16:14	06/01/21 22:51	1
13C4 PFBA	70		25 - 150				05/28/21 16:14	06/01/21 22:51	1
13C5 PFPeA	81		25 - 150				05/28/21 16:14	06/01/21 22:51	1
13C2 PFHxA	91		50 - 150				05/28/21 16:14	06/01/21 22:51	1
13C4 PFHpA	94		50 - 150				05/28/21 16:14	06/01/21 22:51	1
13C4 PFOA	95		50 - 150				05/28/21 16:14	06/01/21 22:51	1
13C5 PFNA	94		50 - 150				05/28/21 16:14	06/01/21 22:51	1
13C2 PFDA	105		50 - 150				05/28/21 16:14	06/01/21 22:51	1
13C2 PFUnA	93		50 - 150				05/28/21 16:14	06/01/21 22:51	1
13C2 PFDoA	90		50 - 150				05/28/21 16:14	06/01/21 22:51	1
13C2 PFTeDA	85		50 - 150				05/28/21 16:14	06/01/21 22:51	1
13C3 PFBS	79		50 - 150				05/28/21 16:14	06/01/21 22:51	1
18O2 PFHxS	84		50 - 150				05/28/21 16:14	06/01/21 22:51	1
13C4 PFOS	89		50 - 150				05/28/21 16:14	06/01/21 22:51	1
d3-NMeFOSAA	109		50 - 150				05/28/21 16:14	06/01/21 22:51	1
d5-NEtFOSAA	106		50 - 150				05/28/21 16:14	06/01/21 22:51	1
M2-6:2 FTS	94		25 - 150				05/28/21 16:14	06/01/21 22:51	1
M2-8:2 FTS	110		25 - 150				05/28/21 16:14	06/01/21 22:51	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	60.0	ug/L		05/24/21 14:40	05/26/21 15:00	1
Antimony	20.0	U	20.0	6.8	ug/L		05/24/21 14:40	05/26/21 15:00	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/24/21 14:40	05/26/21 15:00	1
Barium	33.8		2.0	0.70	ug/L		05/24/21 14:40	05/26/21 15:00	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/24/21 14:40	05/26/21 15:00	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/24/21 14:40	05/26/21 15:00	1
Calcium	85300		500	100	ug/L		05/24/21 14:40	05/26/21 15:00	1
Chromium	4.0	U	4.0	1.0	ug/L		05/24/21 14:40	05/26/21 15:00	1
Cobalt	4.0	U	4.0	0.63	ug/L		05/24/21 14:40	05/26/21 15:00	1
Copper	3.0	J	10.0	1.6	ug/L		05/24/21 14:40	05/26/21 15:00	1
Iron	705	B	50.0	19.3	ug/L		05/24/21 14:40	05/26/21 15:00	1
Lead	10.0	U	10.0	3.0	ug/L		05/24/21 14:40	05/26/21 15:00	1
Magnesium	16500		200	43.4	ug/L		05/24/21 14:40	05/26/21 15:00	1
Manganese	165		3.0	0.40	ug/L		05/24/21 14:40	05/26/21 15:00	1
Nickel	3.1	J	10.0	1.3	ug/L		05/24/21 14:40	05/26/21 15:00	1
Potassium	2900		500	100	ug/L		05/24/21 14:40	05/26/21 15:00	1
Selenium	25.0	U	25.0	8.7	ug/L		05/24/21 14:40	05/26/21 15:00	1
Silver	6.0	U	6.0	1.7	ug/L		05/24/21 14:40	05/26/21 15:00	1
Sodium	43200		1000	324	ug/L		05/24/21 14:40	05/26/21 15:00	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: PPI

Lab Sample ID: 480-184959-15

Date Collected: 05/18/21 15:45

Matrix: Water

Date Received: 05/20/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	20.0	U	20.0	10.2	ug/L		05/24/21 14:40	05/26/21 15:00	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/24/21 14:40	05/26/21 15:00	1
Zinc	10.0	U	10.0	1.5	ug/L		05/24/21 14:40	05/26/21 15:00	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 17:18	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: PPI-SED

Lab Sample ID: 480-184959-16

Date Collected: 05/18/21 16:15

Matrix: Solid

Date Received: 05/20/21 08:00

Percent Solids: 41.9

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	12	U	12	0.84	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
1,1,2,2-Tetrachloroethane	12	U	12	1.9	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
1,1,2-Trichloroethane	12	U	12	1.5	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	12	U	12	2.6	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
1,1-Dichloroethane	12	U	12	1.4	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
1,1-Dichloroethene	12	U	12	1.4	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
1,2,4-Trichlorobenzene	12	U	12	0.71	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
1,2-Dibromo-3-Chloropropane	12	U	12	5.8	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
1,2-Dichlorobenzene	12	U	12	0.91	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
1,2-Dichloroethane	12	U	12	0.58	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
1,2-Dichloropropane	12	U	12	5.8	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
1,3-Dichlorobenzene	12	U	12	0.60	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
1,4-Dichlorobenzene	12	U	12	1.6	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
2-Butanone (MEK)	17	J	58	4.3	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
2-Hexanone	58	U	58	5.8	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
4-Methyl-2-pentanone (MIBK)	58	U	58	3.8	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
Acetone	80		58	9.8	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
Benzene	12	U	12	0.57	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
Bromodichloromethane	12	U	12	1.6	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
Bromoform	12	U	12	5.8	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
Bromomethane	12	U	12	1.0	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
Carbon disulfide	12	U	12	5.8	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
Carbon tetrachloride	12	U	12	1.1	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
Chlorobenzene	12	U	12	1.5	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
Dibromochloromethane	12	U	12	1.5	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
Chloroethane	12	U	12	2.6	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
Chloroform	12	U	12	0.72	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
Chloromethane	12	U	12	0.70	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
cis-1,2-Dichloroethene	12	U	12	1.5	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
cis-1,3-Dichloropropene	12	U	12	1.7	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
Cyclohexane	12	U	12	1.6	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
Dichlorodifluoromethane	12	U	12	0.96	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
Ethylbenzene	12	U	12	0.80	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
1,2-Dibromoethane	12	U	12	1.5	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
Isopropylbenzene	12	U	12	1.8	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
Methyl acetate	58	U	58	7.0	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
Methyl tert-butyl ether	12	U	12	1.1	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
Methylcyclohexane	12	U	12	1.8	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
Methylene Chloride	12	U	12	5.3	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
Styrene	12	U	12	0.58	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
Tetrachloroethene	12	U	12	1.6	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
Toluene	12	U	12	0.88	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
trans-1,2-Dichloroethene	12	U	12	1.2	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
trans-1,3-Dichloropropene	12	U	12	5.1	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
Trichloroethene	12	U	12	2.6	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
Trichlorofluoromethane	12	U	12	1.1	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
Vinyl chloride	12	U	12	1.4	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1
Xylenes, Total	23	U	23	2.0	ug/Kg	✱	05/20/21 17:26	05/21/21 00:24	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: PPI-SED

Lab Sample ID: 480-184959-16

Date Collected: 05/18/21 16:15

Matrix: Solid

Date Received: 05/20/21 08:00

Percent Solids: 41.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		71 - 125	05/20/21 17:26	05/21/21 00:24	1
1,2-Dichloroethane-d4 (Surr)	107		64 - 126	05/20/21 17:26	05/21/21 00:24	1
4-Bromofluorobenzene (Surr)	91		72 - 126	05/20/21 17:26	05/21/21 00:24	1
Dibromofluoromethane (Surr)	101		60 - 140	05/20/21 17:26	05/21/21 00:24	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.46	U	0.46	0.089	mg/Kg	☆	05/27/21 10:04	05/28/21 03:35	1
PCB-1221	0.46	U	0.46	0.089	mg/Kg	☆	05/27/21 10:04	05/28/21 03:35	1
PCB-1232	0.46	U	0.46	0.089	mg/Kg	☆	05/27/21 10:04	05/28/21 03:35	1
PCB-1242	0.46	U	0.46	0.089	mg/Kg	☆	05/27/21 10:04	05/28/21 03:35	1
PCB-1248	0.46	U	0.46	0.089	mg/Kg	☆	05/27/21 10:04	05/28/21 03:35	1
PCB-1254	0.46	U	0.46	0.21	mg/Kg	☆	05/27/21 10:04	05/28/21 03:35	1
PCB-1260	0.46	U	0.46	0.21	mg/Kg	☆	05/27/21 10:04	05/28/21 03:35	1
PCB-1262	0.46	U	0.46	0.21	mg/Kg	☆	05/27/21 10:04	05/28/21 03:35	1
PCB-1268	0.46	U	0.46	0.21	mg/Kg	☆	05/27/21 10:04	05/28/21 03:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	136		60 - 154	05/27/21 10:04	05/28/21 03:35	1
Tetrachloro-m-xylene	132		60 - 154	05/27/21 10:04	05/28/21 03:35	1
DCB Decachlorobiphenyl	134		65 - 174	05/27/21 10:04	05/28/21 03:35	1
DCB Decachlorobiphenyl	124		65 - 174	05/27/21 10:04	05/28/21 03:35	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	1.17	U	1.17	0.38	ug/Kg	☆	05/25/21 08:44	05/26/21 18:14	1
Perfluoropentanoic acid (PFPeA)	0.47	U	0.47	0.091	ug/Kg	☆	05/25/21 08:44	05/26/21 18:14	1
Perfluorohexanoic acid (PFHxA)	0.13	J	0.47	0.052	ug/Kg	☆	05/25/21 08:44	05/26/21 18:14	1
Perfluoroheptanoic acid (PFHpA)	0.053	J	0.47	0.047	ug/Kg	☆	05/25/21 08:44	05/26/21 18:14	1
Perfluorooctanoic acid (PFOA)	0.20	J	0.47	0.059	ug/Kg	☆	05/25/21 08:44	05/26/21 18:14	1
Perfluorononanoic acid (PFNA)	0.47	U	0.47	0.042	ug/Kg	☆	05/25/21 08:44	05/26/21 18:14	1
Perfluorodecanoic acid (PFDA)	0.040	J	0.47	0.028	ug/Kg	☆	05/25/21 08:44	05/26/21 18:14	1
Perfluoroundecanoic acid (PFUnA)	0.20	J	0.47	0.047	ug/Kg	☆	05/25/21 08:44	05/26/21 18:14	1
Perfluorododecanoic acid (PFDoA)	0.091	J	0.47	0.049	ug/Kg	☆	05/25/21 08:44	05/26/21 18:14	1
Perfluorotridecanoic acid (PFTriA)	0.12	J	0.47	0.035	ug/Kg	☆	05/25/21 08:44	05/26/21 18:14	1
Perfluorotetradecanoic acid (PFTeA)	0.056	J	0.47	0.054	ug/Kg	☆	05/25/21 08:44	05/26/21 18:14	1
Perfluorobutanesulfonic acid (PFBS)	0.040	J B	0.47	0.022	ug/Kg	☆	05/25/21 08:44	05/26/21 18:14	1
Perfluorohexanesulfonic acid (PFHxS)	0.065	J B	0.47	0.033	ug/Kg	☆	05/25/21 08:44	05/26/21 18:14	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.47	U	0.47	0.035	ug/Kg	☆	05/25/21 08:44	05/26/21 18:14	1
Perfluorooctanesulfonic acid (PFOS)	0.73	B	0.47	0.037	ug/Kg	☆	05/25/21 08:44	05/26/21 18:14	1
Perfluorodecanesulfonic acid (PFDS)	0.47	U	0.47	0.028	ug/Kg	☆	05/25/21 08:44	05/26/21 18:14	1
Perfluorooctanesulfonamide (PFOSA)	0.47	U	0.47	0.040	ug/Kg	☆	05/25/21 08:44	05/26/21 18:14	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.68	U	4.68	0.087	ug/Kg	☆	05/25/21 08:44	05/26/21 18:14	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.68	U	4.68	0.11	ug/Kg	☆	05/25/21 08:44	05/26/21 18:14	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: PPI-SED

Lab Sample ID: 480-184959-16

Date Collected: 05/18/21 16:15

Matrix: Solid

Date Received: 05/20/21 08:00

Percent Solids: 41.9

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	4.68	U	4.68	0.073	ug/Kg	☆	05/25/21 08:44	05/26/21 18:14	1
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	4.68	U	4.68	0.037	ug/Kg	☆	05/25/21 08:44	05/26/21 18:14	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	84		50 - 150				05/25/21 08:44	05/26/21 18:14	1
13C4 PFHpA	87		50 - 150				05/25/21 08:44	05/26/21 18:14	1
13C4 PFOA	85		50 - 150				05/25/21 08:44	05/26/21 18:14	1
13C4 PFOS	84		50 - 150				05/25/21 08:44	05/26/21 18:14	1
13C5 PFNA	88		50 - 150				05/25/21 08:44	05/26/21 18:14	1
13C4 PFBA	87		25 - 150				05/25/21 08:44	05/26/21 18:14	1
13C2 PFHxA	93		50 - 150				05/25/21 08:44	05/26/21 18:14	1
13C2 PFDA	93		50 - 150				05/25/21 08:44	05/26/21 18:14	1
13C2 PFUnA	92		50 - 150				05/25/21 08:44	05/26/21 18:14	1
13C2 PFDoA	85		50 - 150				05/25/21 08:44	05/26/21 18:14	1
13C8 FOSA	73		25 - 150				05/25/21 08:44	05/26/21 18:14	1
13C5 PFPeA	88		25 - 150				05/25/21 08:44	05/26/21 18:14	1
13C2 PFTeDA	87		50 - 150				05/25/21 08:44	05/26/21 18:14	1
d3-NMeFOSAA	97		50 - 150				05/25/21 08:44	05/26/21 18:14	1
d5-NEtFOSAA	102		50 - 150				05/25/21 08:44	05/26/21 18:14	1
M2-6:2 FTS	80		25 - 150				05/25/21 08:44	05/26/21 18:14	1
M2-8:2 FTS	101		25 - 150				05/25/21 08:44	05/26/21 18:14	1
13C3 PFBS	84		50 - 150				05/25/21 08:44	05/26/21 18:14	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5070		24.5	10.8	mg/Kg	☆	05/24/21 17:54	05/26/21 00:56	1
Antimony	36.7	U	36.7	0.98	mg/Kg	☆	05/24/21 17:54	05/26/21 00:56	1
Arsenic	47.3		4.9	0.98	mg/Kg	☆	05/24/21 17:54	05/26/21 00:56	1
Barium	264		1.2	0.27	mg/Kg	☆	05/24/21 17:54	05/26/21 00:56	1
Beryllium	0.45	J	0.49	0.068	mg/Kg	☆	05/24/21 17:54	05/26/21 00:56	1
Cadmium	0.086	J	0.49	0.073	mg/Kg	☆	05/24/21 17:54	05/26/21 00:56	1
Calcium	9060		122	8.1	mg/Kg	☆	05/24/21 17:54	05/26/21 00:56	1
Chromium	7.8		1.2	0.49	mg/Kg	☆	05/24/21 17:54	05/26/21 00:56	1
Cobalt	10.3		1.2	0.12	mg/Kg	☆	05/24/21 17:54	05/26/21 00:56	1
Copper	9.4		2.4	0.51	mg/Kg	☆	05/24/21 17:54	05/26/21 00:56	1
Iron	126000		24.5	8.6	mg/Kg	☆	05/24/21 17:54	05/26/21 00:56	1
Lead	19.7		2.4	0.59	mg/Kg	☆	05/24/21 17:54	05/26/21 00:56	1
Magnesium	1910		48.9	2.3	mg/Kg	☆	05/24/21 17:54	05/26/21 00:56	1
Manganese	2920	B	0.49	0.078	mg/Kg	☆	05/24/21 17:54	05/26/21 00:56	1
Nickel	10.8	J	12.2	0.56	mg/Kg	☆	05/24/21 17:54	05/26/21 00:56	1
Potassium	576		73.4	48.9	mg/Kg	☆	05/24/21 17:54	05/26/21 00:56	1
Selenium	11.4		9.8	0.98	mg/Kg	☆	05/24/21 17:54	05/26/21 00:56	1
Silver	1.5	U	1.5	0.49	mg/Kg	☆	05/24/21 17:54	05/26/21 00:56	1
Sodium	293	J B	342	31.8	mg/Kg	☆	05/24/21 17:54	05/26/21 00:56	1
Thallium	14.7	U	14.7	0.73	mg/Kg	☆	05/24/21 17:54	05/26/21 00:56	1
Vanadium	33.1		1.2	0.27	mg/Kg	☆	05/24/21 17:54	05/26/21 00:56	1
Zinc	69.9		4.9	1.6	mg/Kg	☆	05/24/21 17:54	05/26/21 00:56	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: PPI-SED

Lab Sample ID: 480-184959-16

Date Collected: 05/18/21 16:15

Matrix: Solid

Date Received: 05/20/21 08:00

Percent Solids: 41.9

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.054	U	0.054	0.022	mg/Kg	☼	05/26/21 15:55	05/26/21 19:36	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: TRIP BLANK-1

Lab Sample ID: 480-184959-17

Date Collected: 05/18/21 12:55

Matrix: Water

Date Received: 05/20/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/25/21 03:51	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/25/21 03:51	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/25/21 03:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/25/21 03:51	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/25/21 03:51	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/25/21 03:51	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/25/21 03:51	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/25/21 03:51	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/25/21 03:51	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/25/21 03:51	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/25/21 03:51	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/25/21 03:51	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/25/21 03:51	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/25/21 03:51	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/25/21 03:51	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/25/21 03:51	1
Acetone	10	U	10	3.0	ug/L			05/25/21 03:51	1
Benzene	1.0	U	1.0	0.41	ug/L			05/25/21 03:51	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/25/21 03:51	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/25/21 03:51	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/25/21 03:51	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/25/21 03:51	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/25/21 03:51	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/25/21 03:51	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/25/21 03:51	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/25/21 03:51	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/25/21 03:51	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/25/21 03:51	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/25/21 03:51	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/25/21 03:51	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/25/21 03:51	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/25/21 03:51	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/25/21 03:51	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/25/21 03:51	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/25/21 03:51	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/25/21 03:51	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/25/21 03:51	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/25/21 03:51	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/25/21 03:51	1
Styrene	1.0	U	1.0	0.73	ug/L			05/25/21 03:51	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/25/21 03:51	1
Toluene	1.0	U	1.0	0.51	ug/L			05/25/21 03:51	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/25/21 03:51	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/25/21 03:51	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/25/21 03:51	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/25/21 03:51	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/25/21 03:51	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/25/21 03:51	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: TRIP BLANK-1

Lab Sample ID: 480-184959-17

Date Collected: 05/18/21 12:55

Matrix: Water

Date Received: 05/20/21 08:00

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	96		80 - 120		05/25/21 03:51	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	94		77 - 120		05/25/21 03:51	1
<i>4-Bromofluorobenzene (Surr)</i>	102		73 - 120		05/25/21 03:51	1
<i>Dibromofluoromethane (Surr)</i>	103		75 - 123		05/25/21 03:51	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-6

Lab Sample ID: 480-184959-18

Date Collected: 05/18/21 10:30

Matrix: Water

Date Received: 05/20/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/25/21 04:15	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/25/21 04:15	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/25/21 04:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/25/21 04:15	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/25/21 04:15	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/25/21 04:15	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/25/21 04:15	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/25/21 04:15	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/25/21 04:15	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/25/21 04:15	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/25/21 04:15	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/25/21 04:15	1
1,4-Dichlorobenzene	1.4		1.0	0.84	ug/L			05/25/21 04:15	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/25/21 04:15	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/25/21 04:15	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/25/21 04:15	1
Acetone	10	U	10	3.0	ug/L			05/25/21 04:15	1
Benzene	1.8		1.0	0.41	ug/L			05/25/21 04:15	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/25/21 04:15	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/25/21 04:15	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/25/21 04:15	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/25/21 04:15	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/25/21 04:15	1
Chlorobenzene	14		1.0	0.75	ug/L			05/25/21 04:15	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/25/21 04:15	1
Chloroethane	0.47	J	1.0	0.32	ug/L			05/25/21 04:15	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/25/21 04:15	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/25/21 04:15	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/25/21 04:15	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/25/21 04:15	1
Cyclohexane	0.86	J	1.0	0.18	ug/L			05/25/21 04:15	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/25/21 04:15	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/25/21 04:15	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/25/21 04:15	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/25/21 04:15	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/25/21 04:15	1
Methyl tert-butyl ether	0.22	J	1.0	0.16	ug/L			05/25/21 04:15	1
Methylcyclohexane	0.25	J	1.0	0.16	ug/L			05/25/21 04:15	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/25/21 04:15	1
Styrene	1.0	U	1.0	0.73	ug/L			05/25/21 04:15	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/25/21 04:15	1
Toluene	1.0	U	1.0	0.51	ug/L			05/25/21 04:15	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/25/21 04:15	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/25/21 04:15	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/25/21 04:15	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/25/21 04:15	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/25/21 04:15	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/25/21 04:15	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-6

Lab Sample ID: 480-184959-18

Date Collected: 05/18/21 10:30

Matrix: Water

Date Received: 05/20/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		05/25/21 04:15	1
1,2-Dichloroethane-d4 (Surr)	90		77 - 120		05/25/21 04:15	1
4-Bromofluorobenzene (Surr)	102		73 - 120		05/25/21 04:15	1
Dibromofluoromethane (Surr)	100		75 - 123		05/25/21 04:15	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	5.2	E B	0.20	0.10	ug/L		05/20/21 14:57	05/24/21 21:31	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	32		15 - 110				05/20/21 14:57	05/24/21 21:31	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 19:06	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 19:06	1
PCB-1232	0.79		0.50	0.18	ug/L		05/26/21 15:25	05/27/21 19:06	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 19:06	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 19:06	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 19:06	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 19:06	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 19:06	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 19:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		39 - 121	05/26/21 15:25	05/27/21 19:06	1
Tetrachloro-m-xylene	74		39 - 121	05/26/21 15:25	05/27/21 19:06	1
DCB Decachlorobiphenyl	33		19 - 120	05/26/21 15:25	05/27/21 19:06	1
DCB Decachlorobiphenyl	31		19 - 120	05/26/21 15:25	05/27/21 19:06	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.80	J B	4.22	0.75	ng/L		05/28/21 16:14	06/01/21 23:00	1
Perfluoropentanoic acid (PFPeA)	3.90		1.69	0.40	ng/L		05/28/21 16:14	06/01/21 23:00	1
Perfluorohexanoic acid (PFHxA)	6.97		1.69	0.38	ng/L		05/28/21 16:14	06/01/21 23:00	1
Perfluoroheptanoic acid (PFHpA)	3.50	B	1.69	0.20	ng/L		05/28/21 16:14	06/01/21 23:00	1
Perfluorooctanoic acid (PFOA)	9.76		1.69	0.36	ng/L		05/28/21 16:14	06/01/21 23:00	1
Perfluorononanoic acid (PFNA)	0.46	J	1.69	0.24	ng/L		05/28/21 16:14	06/01/21 23:00	1
Perfluorodecanoic acid (PFDA)	1.69	U	1.69	0.26	ng/L		05/28/21 16:14	06/01/21 23:00	1
Perfluoroundecanoic acid (PFUnA)	1.69	U	1.69	0.29	ng/L		05/28/21 16:14	06/01/21 23:00	1
Perfluorododecanoic acid (PFDoA)	1.69	U	1.69	0.33	ng/L		05/28/21 16:14	06/01/21 23:00	1
Perfluorotridecanoic acid (PFTriA)	1.69	U	1.69	0.37	ng/L		05/28/21 16:14	06/01/21 23:00	1
Perfluorotetradecanoic acid (PFTeA)	1.69	U	1.69	0.53	ng/L		05/28/21 16:14	06/01/21 23:00	1
Perfluorobutanesulfonic acid (PFBS)	0.80	J B	1.69	0.21	ng/L		05/28/21 16:14	06/01/21 23:00	1
Perfluorohexanesulfonic acid (PFHxS)	1.18	J	1.69	0.26	ng/L		05/28/21 16:14	06/01/21 23:00	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.69	U	1.69	0.20	ng/L		05/28/21 16:14	06/01/21 23:00	1
Perfluorodecanesulfonic acid (PFDS)	1.69	U	1.69	0.26	ng/L		05/28/21 16:14	06/01/21 23:00	1
Perfluorooctanesulfonic acid (PFOS)	11.2	B	1.69	0.25	ng/L		05/28/21 16:14	06/01/21 23:00	1
Perfluorooctanesulfonamide (FOSA)	1.69	U	1.69	0.49	ng/L		05/28/21 16:14	06/01/21 23:00	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-6

Lab Sample ID: 480-184959-18

Date Collected: 05/18/21 10:30

Matrix: Water

Date Received: 05/20/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.22	U	4.22	0.76	ng/L		05/28/21 16:14	06/01/21 23:00	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.81	J	4.22	0.63	ng/L		05/28/21 16:14	06/01/21 23:00	1
6:2 FTS	4.22	U	4.22	0.93	ng/L		05/28/21 16:14	06/01/21 23:00	1
8:2 FTS	1.69	U	1.69	0.33	ng/L		05/28/21 16:14	06/01/21 23:00	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	71		25 - 150				05/28/21 16:14	06/01/21 23:00	1
13C4 PFBA	71		25 - 150				05/28/21 16:14	06/01/21 23:00	1
13C5 PFPeA	84		25 - 150				05/28/21 16:14	06/01/21 23:00	1
13C2 PFHxA	89		50 - 150				05/28/21 16:14	06/01/21 23:00	1
13C4 PFHpA	93		50 - 150				05/28/21 16:14	06/01/21 23:00	1
13C4 PFOA	97		50 - 150				05/28/21 16:14	06/01/21 23:00	1
13C5 PFNA	91		50 - 150				05/28/21 16:14	06/01/21 23:00	1
13C2 PFDA	95		50 - 150				05/28/21 16:14	06/01/21 23:00	1
13C2 PFUnA	78		50 - 150				05/28/21 16:14	06/01/21 23:00	1
13C2 PFDoA	73		50 - 150				05/28/21 16:14	06/01/21 23:00	1
13C2 PFTeDA	70		50 - 150				05/28/21 16:14	06/01/21 23:00	1
13C3 PFBS	82		50 - 150				05/28/21 16:14	06/01/21 23:00	1
18O2 PFHxS	86		50 - 150				05/28/21 16:14	06/01/21 23:00	1
13C4 PFOS	85		50 - 150				05/28/21 16:14	06/01/21 23:00	1
d3-NMeFOSAA	89		50 - 150				05/28/21 16:14	06/01/21 23:00	1
d5-NEtFOSAA	85		50 - 150				05/28/21 16:14	06/01/21 23:00	1
M2-6:2 FTS	102		25 - 150				05/28/21 16:14	06/01/21 23:00	1
M2-8:2 FTS	93		25 - 150				05/28/21 16:14	06/01/21 23:00	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	60.0	ug/L		05/24/21 14:40	05/26/21 15:04	1
Antimony	20.0	U	20.0	6.8	ug/L		05/24/21 14:40	05/26/21 15:04	1
Arsenic	10.7	J	15.0	5.6	ug/L		05/24/21 14:40	05/26/21 15:04	1
Barium	25.4		2.0	0.70	ug/L		05/24/21 14:40	05/26/21 15:04	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/24/21 14:40	05/26/21 15:04	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/24/21 14:40	05/26/21 15:04	1
Calcium	74000		500	100	ug/L		05/24/21 14:40	05/26/21 15:04	1
Chromium	4.0	U	4.0	1.0	ug/L		05/24/21 14:40	05/26/21 15:04	1
Cobalt	19.6		4.0	0.63	ug/L		05/24/21 14:40	05/26/21 15:04	1
Copper	10.0	U	10.0	1.6	ug/L		05/24/21 14:40	05/26/21 15:04	1
Iron	100000	B	50.0	19.3	ug/L		05/24/21 14:40	05/26/21 15:04	1
Lead	5.8	J	10.0	3.0	ug/L		05/24/21 14:40	05/26/21 15:04	1
Magnesium	13700		200	43.4	ug/L		05/24/21 14:40	05/26/21 15:04	1
Manganese	920		3.0	0.40	ug/L		05/24/21 14:40	05/26/21 15:04	1
Nickel	5.6	J	10.0	1.3	ug/L		05/24/21 14:40	05/26/21 15:04	1
Potassium	4910		500	100	ug/L		05/24/21 14:40	05/26/21 15:04	1
Selenium	25.0	U	25.0	8.7	ug/L		05/24/21 14:40	05/26/21 15:04	1
Silver	6.0	U	6.0	1.7	ug/L		05/24/21 14:40	05/26/21 15:04	1
Sodium	5260		1000	324	ug/L		05/24/21 14:40	05/26/21 15:04	1
Thallium	20.0	U	20.0	10.2	ug/L		05/24/21 14:40	05/26/21 15:04	1
Vanadium	1.8	J	5.0	1.5	ug/L		05/24/21 14:40	05/26/21 15:04	1
Zinc	10.0	U	10.0	1.5	ug/L		05/24/21 14:40	05/26/21 15:04	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-6

Lab Sample ID: 480-184959-18

Date Collected: 05/18/21 10:30

Matrix: Water

Date Received: 05/20/21 08:00

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 17:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	423		10.0	4.0	mg/L			05/21/21 13:35	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	47.2		4.0	4.0	mg/L			05/22/21 16:46	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-6A

Lab Sample ID: 480-184959-19

Date Collected: 05/18/21 10:35

Matrix: Water

Date Received: 05/20/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/25/21 04:38	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/25/21 04:38	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/25/21 04:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/25/21 04:38	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/25/21 04:38	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/25/21 04:38	1
1,2,4-Trichlorobenzene	4.3		1.0	0.41	ug/L			05/25/21 04:38	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/25/21 04:38	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/25/21 04:38	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/25/21 04:38	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/25/21 04:38	1
1,3-Dichlorobenzene	2.6		1.0	0.78	ug/L			05/25/21 04:38	1
1,4-Dichlorobenzene	2.6		1.0	0.84	ug/L			05/25/21 04:38	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/25/21 04:38	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/25/21 04:38	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/25/21 04:38	1
Acetone	10	U	10	3.0	ug/L			05/25/21 04:38	1
Benzene	1.0	U	1.0	0.41	ug/L			05/25/21 04:38	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/25/21 04:38	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/25/21 04:38	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/25/21 04:38	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/25/21 04:38	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/25/21 04:38	1
Chlorobenzene	2.5		1.0	0.75	ug/L			05/25/21 04:38	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/25/21 04:38	1
Chloroethane	0.71	J	1.0	0.32	ug/L			05/25/21 04:38	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/25/21 04:38	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/25/21 04:38	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/25/21 04:38	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/25/21 04:38	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/25/21 04:38	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/25/21 04:38	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/25/21 04:38	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/25/21 04:38	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/25/21 04:38	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/25/21 04:38	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/25/21 04:38	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/25/21 04:38	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/25/21 04:38	1
Styrene	1.0	U	1.0	0.73	ug/L			05/25/21 04:38	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/25/21 04:38	1
Toluene	1.0	U	1.0	0.51	ug/L			05/25/21 04:38	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/25/21 04:38	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/25/21 04:38	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/25/21 04:38	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/25/21 04:38	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/25/21 04:38	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/25/21 04:38	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-6A

Lab Sample ID: 480-184959-19

Date Collected: 05/18/21 10:35

Matrix: Water

Date Received: 05/20/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		05/25/21 04:38	1
1,2-Dichloroethane-d4 (Surr)	91		77 - 120		05/25/21 04:38	1
4-Bromofluorobenzene (Surr)	103		73 - 120		05/25/21 04:38	1
Dibromofluoromethane (Surr)	99		75 - 123		05/25/21 04:38	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	4.4	E B	0.20	0.10	ug/L		05/20/21 15:09	05/24/21 17:54	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	31		15 - 110				05/20/21 15:09	05/24/21 17:54	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 22:05	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 22:05	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 22:05	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 22:05	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 22:05	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 22:05	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 22:05	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 22:05	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 22:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		39 - 121	05/26/21 15:25	05/27/21 22:05	1
Tetrachloro-m-xylene	77		39 - 121	05/26/21 15:25	05/27/21 22:05	1
DCB Decachlorobiphenyl	37		19 - 120	05/26/21 15:25	05/27/21 22:05	1
DCB Decachlorobiphenyl	38		19 - 120	05/26/21 15:25	05/27/21 22:05	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	5.60	B	4.40	0.79	ng/L		05/28/21 16:14	06/01/21 23:24	1
Perfluoropentanoic acid (PFPeA)	4.76		1.76	0.42	ng/L		05/28/21 16:14	06/01/21 23:24	1
Perfluorohexanoic acid (PFHxA)	8.69		1.76	0.40	ng/L		05/28/21 16:14	06/01/21 23:24	1
Perfluoroheptanoic acid (PFHpA)	4.17	B	1.76	0.21	ng/L		05/28/21 16:14	06/01/21 23:24	1
Perfluorooctanoic acid (PFOA)	13.4		1.76	0.37	ng/L		05/28/21 16:14	06/01/21 23:24	1
Perfluorononanoic acid (PFNA)	0.71	J	1.76	0.25	ng/L		05/28/21 16:14	06/01/21 23:24	1
Perfluorodecanoic acid (PFDA)	0.46	J B	1.76	0.27	ng/L		05/28/21 16:14	06/01/21 23:24	1
Perfluoroundecanoic acid (PFUnA)	0.35	J	1.76	0.30	ng/L		05/28/21 16:14	06/01/21 23:24	1
Perfluorododecanoic acid (PFDoA)	0.40	J	1.76	0.34	ng/L		05/28/21 16:14	06/01/21 23:24	1
Perfluorotridecanoic acid (PFTriA)	1.76	U	1.76	0.38	ng/L		05/28/21 16:14	06/01/21 23:24	1
Perfluorotetradecanoic acid (PFTeA)	1.76	U	1.76	0.56	ng/L		05/28/21 16:14	06/01/21 23:24	1
Perfluorobutanesulfonic acid (PFBS)	1.35	J B	1.76	0.22	ng/L		05/28/21 16:14	06/01/21 23:24	1
Perfluorohexanesulfonic acid (PFHxS)	2.47		1.76	0.27	ng/L		05/28/21 16:14	06/01/21 23:24	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.56	J	1.76	0.21	ng/L		05/28/21 16:14	06/01/21 23:24	1
Perfluorodecanesulfonic acid (PFDS)	0.32	J	1.76	0.27	ng/L		05/28/21 16:14	06/01/21 23:24	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-6A

Lab Sample ID: 480-184959-19

Date Collected: 05/18/21 10:35

Matrix: Water

Date Received: 05/20/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	6.56	B	1.76	0.26	ng/L		05/28/21 16:14	06/01/21 23:24	1
Perfluorooctanesulfonamide (FOSA)	1.76	U	1.76	0.51	ng/L		05/28/21 16:14	06/01/21 23:24	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.40	U	4.40	0.80	ng/L		05/28/21 16:14	06/01/21 23:24	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.40	U	4.40	0.65	ng/L		05/28/21 16:14	06/01/21 23:24	1
6:2 FTS	4.40	U	4.40	0.97	ng/L		05/28/21 16:14	06/01/21 23:24	1
8:2 FTS	0.34	J	1.76	0.34	ng/L		05/28/21 16:14	06/01/21 23:24	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	74		25 - 150				05/28/21 16:14	06/01/21 23:24	1
13C4 PFBA	76		25 - 150				05/28/21 16:14	06/01/21 23:24	1
13C5 PFPeA	83		25 - 150				05/28/21 16:14	06/01/21 23:24	1
13C2 PFHxA	87		50 - 150				05/28/21 16:14	06/01/21 23:24	1
13C4 PFHpA	95		50 - 150				05/28/21 16:14	06/01/21 23:24	1
13C4 PFOA	96		50 - 150				05/28/21 16:14	06/01/21 23:24	1
13C5 PFNA	94		50 - 150				05/28/21 16:14	06/01/21 23:24	1
13C2 PFDA	94		50 - 150				05/28/21 16:14	06/01/21 23:24	1
13C2 PFUnA	90		50 - 150				05/28/21 16:14	06/01/21 23:24	1
13C2 PFDoA	88		50 - 150				05/28/21 16:14	06/01/21 23:24	1
13C2 PFTeDA	83		50 - 150				05/28/21 16:14	06/01/21 23:24	1
13C3 PFBS	85		50 - 150				05/28/21 16:14	06/01/21 23:24	1
18O2 PFHxS	87		50 - 150				05/28/21 16:14	06/01/21 23:24	1
13C4 PFOS	86		50 - 150				05/28/21 16:14	06/01/21 23:24	1
d3-NMeFOSAA	100		50 - 150				05/28/21 16:14	06/01/21 23:24	1
d5-NEtFOSAA	107		50 - 150				05/28/21 16:14	06/01/21 23:24	1
M2-6:2 FTS	101		25 - 150				05/28/21 16:14	06/01/21 23:24	1
M2-8:2 FTS	98		25 - 150				05/28/21 16:14	06/01/21 23:24	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	60.0	ug/L		05/24/21 14:40	05/26/21 15:33	1
Antimony	20.0	U	20.0	6.8	ug/L		05/24/21 14:40	05/26/21 15:33	1
Arsenic	7.9	J	15.0	5.6	ug/L		05/24/21 14:40	05/26/21 15:33	1
Barium	95.4		2.0	0.70	ug/L		05/24/21 14:40	05/26/21 15:33	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/24/21 14:40	05/26/21 15:33	1
Cadmium	0.53	J	2.0	0.50	ug/L		05/24/21 14:40	05/26/21 15:33	1
Calcium	103000		500	100	ug/L		05/24/21 14:40	05/26/21 15:33	1
Chromium	4.0	U	4.0	1.0	ug/L		05/24/21 14:40	05/26/21 15:33	1
Cobalt	1.5	J	4.0	0.63	ug/L		05/24/21 14:40	05/26/21 15:33	1
Copper	10.0	U	10.0	1.6	ug/L		05/24/21 14:40	05/26/21 15:33	1
Iron	13900	B	50.0	19.3	ug/L		05/24/21 14:40	05/26/21 15:33	1
Lead	10.0	U	10.0	3.0	ug/L		05/24/21 14:40	05/26/21 15:33	1
Magnesium	37700		200	43.4	ug/L		05/24/21 14:40	05/26/21 15:33	1
Manganese	1290		3.0	0.40	ug/L		05/24/21 14:40	05/26/21 15:33	1
Nickel	7.8	J	10.0	1.3	ug/L		05/24/21 14:40	05/26/21 15:33	1
Potassium	7470		500	100	ug/L		05/24/21 14:40	05/27/21 12:24	1
Selenium	25.0	U	25.0	8.7	ug/L		05/24/21 14:40	05/26/21 15:33	1
Silver	6.0	U	6.0	1.7	ug/L		05/24/21 14:40	05/26/21 15:33	1
Sodium	31800		1000	324	ug/L		05/24/21 14:40	05/26/21 15:33	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-6A

Lab Sample ID: 480-184959-19

Date Collected: 05/18/21 10:35

Matrix: Water

Date Received: 05/20/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	20.0	U	20.0	10.2	ug/L		05/24/21 14:40	05/26/21 15:33	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/24/21 14:40	05/26/21 15:33	1
Zinc	11.8		10.0	1.5	ug/L		05/24/21 14:40	05/26/21 15:33	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 17:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	516		10.0	4.0	mg/L			05/21/21 13:35	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	36.8		4.0	4.0	mg/L			05/22/21 16:46	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-6B

Lab Sample ID: 480-184959-20

Date Collected: 05/18/21 12:25

Matrix: Water

Date Received: 05/20/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/25/21 05:01	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/25/21 05:01	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/25/21 05:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/25/21 05:01	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/25/21 05:01	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/25/21 05:01	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/25/21 05:01	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/25/21 05:01	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/25/21 05:01	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/25/21 05:01	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/25/21 05:01	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/25/21 05:01	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/25/21 05:01	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/25/21 05:01	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/25/21 05:01	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/25/21 05:01	1
Acetone	10	U	10	3.0	ug/L			05/25/21 05:01	1
Benzene	1.0	U	1.0	0.41	ug/L			05/25/21 05:01	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/25/21 05:01	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/25/21 05:01	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/25/21 05:01	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/25/21 05:01	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/25/21 05:01	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/25/21 05:01	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/25/21 05:01	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/25/21 05:01	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/25/21 05:01	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/25/21 05:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/25/21 05:01	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/25/21 05:01	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/25/21 05:01	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/25/21 05:01	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/25/21 05:01	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/25/21 05:01	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/25/21 05:01	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/25/21 05:01	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/25/21 05:01	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/25/21 05:01	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/25/21 05:01	1
Styrene	1.0	U	1.0	0.73	ug/L			05/25/21 05:01	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/25/21 05:01	1
Toluene	1.0	U	1.0	0.51	ug/L			05/25/21 05:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/25/21 05:01	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/25/21 05:01	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/25/21 05:01	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/25/21 05:01	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/25/21 05:01	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/25/21 05:01	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-6B

Lab Sample ID: 480-184959-20

Date Collected: 05/18/21 12:25

Matrix: Water

Date Received: 05/20/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120		05/25/21 05:01	1
1,2-Dichloroethane-d4 (Surr)	95		77 - 120		05/25/21 05:01	1
4-Bromofluorobenzene (Surr)	106		73 - 120		05/25/21 05:01	1
Dibromofluoromethane (Surr)	101		75 - 123		05/25/21 05:01	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.15	J B	0.20	0.10	ug/L		05/20/21 15:09	05/24/21 18:17	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	30		15 - 110				05/20/21 15:09	05/24/21 18:17	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 22:18	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 22:18	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 22:18	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 22:18	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 22:18	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 22:18	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 22:18	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 22:18	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 22:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	67		39 - 121	05/26/21 15:25	05/27/21 22:18	1
Tetrachloro-m-xylene	68		39 - 121	05/26/21 15:25	05/27/21 22:18	1
DCB Decachlorobiphenyl	19		19 - 120	05/26/21 15:25	05/27/21 22:18	1
DCB Decachlorobiphenyl	18 *		19 - 120	05/26/21 15:25	05/27/21 22:18	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	2.12	J B	4.21	0.75	ng/L		05/28/21 16:14	06/01/21 23:33	1
Perfluoropentanoic acid (PFPeA)	1.51	J	1.69	0.40	ng/L		05/28/21 16:14	06/01/21 23:33	1
Perfluorohexanoic acid (PFHxA)	2.52		1.69	0.38	ng/L		05/28/21 16:14	06/01/21 23:33	1
Perfluoroheptanoic acid (PFHpA)	0.68	J B	1.69	0.20	ng/L		05/28/21 16:14	06/01/21 23:33	1
Perfluorooctanoic acid (PFOA)	0.90	J	1.69	0.36	ng/L		05/28/21 16:14	06/01/21 23:33	1
Perfluorononanoic acid (PFNA)	1.69	U	1.69	0.24	ng/L		05/28/21 16:14	06/01/21 23:33	1
Perfluorodecanoic acid (PFDA)	1.69	U	1.69	0.26	ng/L		05/28/21 16:14	06/01/21 23:33	1
Perfluoroundecanoic acid (PFUnA)	1.69	U	1.69	0.29	ng/L		05/28/21 16:14	06/01/21 23:33	1
Perfluorododecanoic acid (PFDoA)	1.69	U	1.69	0.32	ng/L		05/28/21 16:14	06/01/21 23:33	1
Perfluorotridecanoic acid (PFTriA)	1.69	U	1.69	0.37	ng/L		05/28/21 16:14	06/01/21 23:33	1
Perfluorotetradecanoic acid (PFTeA)	1.69	U	1.69	0.53	ng/L		05/28/21 16:14	06/01/21 23:33	1
Perfluorobutanesulfonic acid (PFBS)	0.46	J B	1.69	0.21	ng/L		05/28/21 16:14	06/01/21 23:33	1
Perfluorohexanesulfonic acid (PFHxS)	0.37	J	1.69	0.25	ng/L		05/28/21 16:14	06/01/21 23:33	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.69	U	1.69	0.20	ng/L		05/28/21 16:14	06/01/21 23:33	1
Perfluorodecanesulfonic acid (PFDS)	1.69	U	1.69	0.26	ng/L		05/28/21 16:14	06/01/21 23:33	1
Perfluorooctanesulfonic acid (PFOS)	0.99	J B	1.69	0.25	ng/L		05/28/21 16:14	06/01/21 23:33	1
Perfluorooctanesulfonamide (FOSA)	1.69	U	1.69	0.49	ng/L		05/28/21 16:14	06/01/21 23:33	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-6B

Lab Sample ID: 480-184959-20

Date Collected: 05/18/21 12:25

Matrix: Water

Date Received: 05/20/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.21	U	4.21	0.76	ng/L		05/28/21 16:14	06/01/21 23:33	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.21	U	4.21	0.63	ng/L		05/28/21 16:14	06/01/21 23:33	1
6:2 FTS	4.21	U	4.21	0.92	ng/L		05/28/21 16:14	06/01/21 23:33	1
8:2 FTS	1.69	U	1.69	0.33	ng/L		05/28/21 16:14	06/01/21 23:33	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	80		25 - 150				05/28/21 16:14	06/01/21 23:33	1
13C4 PFBA	83		25 - 150				05/28/21 16:14	06/01/21 23:33	1
13C5 PFPeA	93		25 - 150				05/28/21 16:14	06/01/21 23:33	1
13C2 PFHxA	92		50 - 150				05/28/21 16:14	06/01/21 23:33	1
13C4 PFHpA	95		50 - 150				05/28/21 16:14	06/01/21 23:33	1
13C4 PFOA	95		50 - 150				05/28/21 16:14	06/01/21 23:33	1
13C5 PFNA	93		50 - 150				05/28/21 16:14	06/01/21 23:33	1
13C2 PFDA	98		50 - 150				05/28/21 16:14	06/01/21 23:33	1
13C2 PFUnA	112		50 - 150				05/28/21 16:14	06/01/21 23:33	1
13C2 PFDoA	104		50 - 150				05/28/21 16:14	06/01/21 23:33	1
13C2 PFTeDA	90		50 - 150				05/28/21 16:14	06/01/21 23:33	1
13C3 PFBS	84		50 - 150				05/28/21 16:14	06/01/21 23:33	1
18O2 PFHxS	83		50 - 150				05/28/21 16:14	06/01/21 23:33	1
13C4 PFOS	86		50 - 150				05/28/21 16:14	06/01/21 23:33	1
d3-NMeFOSAA	110		50 - 150				05/28/21 16:14	06/01/21 23:33	1
d5-NEtFOSAA	125		50 - 150				05/28/21 16:14	06/01/21 23:33	1
M2-6:2 FTS	102		25 - 150				05/28/21 16:14	06/01/21 23:33	1
M2-8:2 FTS	105		25 - 150				05/28/21 16:14	06/01/21 23:33	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	174	J	200	60.0	ug/L		05/24/21 14:40	05/26/21 15:37	1
Antimony	20.0	U	20.0	6.8	ug/L		05/24/21 14:40	05/26/21 15:37	1
Arsenic	11.4	J	15.0	5.6	ug/L		05/24/21 14:40	05/26/21 15:37	1
Barium	7.6		2.0	0.70	ug/L		05/24/21 14:40	05/26/21 15:37	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/24/21 14:40	05/26/21 15:37	1
Cadmium	0.58	J	2.0	0.50	ug/L		05/24/21 14:40	05/26/21 15:37	1
Calcium	8730		500	100	ug/L		05/24/21 14:40	05/26/21 15:37	1
Chromium	4.0	U	4.0	1.0	ug/L		05/24/21 14:40	05/26/21 15:37	1
Cobalt	4.0	U	4.0	0.63	ug/L		05/24/21 14:40	05/26/21 15:37	1
Copper	10.0	U	10.0	1.6	ug/L		05/24/21 14:40	05/26/21 15:37	1
Iron	816	B	50.0	19.3	ug/L		05/24/21 14:40	05/26/21 15:37	1
Lead	10.0	U	10.0	3.0	ug/L		05/24/21 14:40	05/26/21 15:37	1
Magnesium	1410		200	43.4	ug/L		05/24/21 14:40	05/26/21 15:37	1
Manganese	20.7		3.0	0.40	ug/L		05/24/21 14:40	05/26/21 15:37	1
Nickel	1.4	J	10.0	1.3	ug/L		05/24/21 14:40	05/26/21 15:37	1
Potassium	880		500	100	ug/L		05/24/21 14:40	05/27/21 12:27	1
Selenium	25.0	U	25.0	8.7	ug/L		05/24/21 14:40	05/26/21 15:37	1
Silver	6.0	U	6.0	1.7	ug/L		05/24/21 14:40	05/26/21 15:37	1
Sodium	41800		1000	324	ug/L		05/24/21 14:40	05/26/21 15:37	1
Thallium	20.0	U	20.0	10.2	ug/L		05/24/21 14:40	05/26/21 15:37	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/24/21 14:40	05/26/21 15:37	1
Zinc	30.1		10.0	1.5	ug/L		05/24/21 14:40	05/26/21 15:37	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-6B

Lab Sample ID: 480-184959-20

Date Collected: 05/18/21 12:25

Matrix: Water

Date Received: 05/20/21 08:00

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 17:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	178		10.0	4.0	mg/L			05/21/21 13:35	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	10.0		4.0	4.0	mg/L			05/22/21 16:46	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-7

Lab Sample ID: 480-184959-21

Date Collected: 05/18/21 14:45

Matrix: Water

Date Received: 05/20/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/26/21 12:24	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 12:24	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/26/21 12:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/26/21 12:24	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/26/21 12:24	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/26/21 12:24	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/26/21 12:24	1
1,2-Dibromo-3-Chloropropane	1.0	U *	1.0	0.39	ug/L			05/26/21 12:24	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/26/21 12:24	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 12:24	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/26/21 12:24	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/26/21 12:24	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/26/21 12:24	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/26/21 12:24	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/26/21 12:24	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/26/21 12:24	1
Acetone	10	U	10	3.0	ug/L			05/26/21 12:24	1
Benzene	1.0	U	1.0	0.41	ug/L			05/26/21 12:24	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/26/21 12:24	1
Bromoform	1.0	U *	1.0	0.26	ug/L			05/26/21 12:24	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/26/21 12:24	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/26/21 12:24	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/26/21 12:24	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/26/21 12:24	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/26/21 12:24	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/26/21 12:24	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/26/21 12:24	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/26/21 12:24	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/26/21 12:24	1
cis-1,3-Dichloropropene	1.0	U *	1.0	0.36	ug/L			05/26/21 12:24	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/26/21 12:24	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/26/21 12:24	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/26/21 12:24	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/26/21 12:24	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/26/21 12:24	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/26/21 12:24	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/26/21 12:24	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/26/21 12:24	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/26/21 12:24	1
Styrene	1.0	U	1.0	0.73	ug/L			05/26/21 12:24	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/26/21 12:24	1
Toluene	1.0	U	1.0	0.51	ug/L			05/26/21 12:24	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/26/21 12:24	1
trans-1,3-Dichloropropene	1.0	U *	1.0	0.37	ug/L			05/26/21 12:24	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/26/21 12:24	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/26/21 12:24	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/26/21 12:24	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/26/21 12:24	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-7

Lab Sample ID: 480-184959-21

Date Collected: 05/18/21 14:45

Matrix: Water

Date Received: 05/20/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	92		80 - 120		05/26/21 12:24	1
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		05/26/21 12:24	1
4-Bromofluorobenzene (Surr)	101		73 - 120		05/26/21 12:24	1
Dibromofluoromethane (Surr)	104		75 - 123		05/26/21 12:24	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.20	U	0.20	0.10	ug/L		05/20/21 15:09	05/24/21 18:42	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	32		15 - 110				05/20/21 15:09	05/24/21 18:42	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 22:31	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 22:31	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 22:31	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 22:31	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 22:31	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 22:31	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 22:31	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 22:31	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 22:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	82		39 - 121				05/26/21 15:25	05/27/21 22:31	1
Tetrachloro-m-xylene	82		39 - 121				05/26/21 15:25	05/27/21 22:31	1
DCB Decachlorobiphenyl	42		19 - 120				05/26/21 15:25	05/27/21 22:31	1
DCB Decachlorobiphenyl	40		19 - 120				05/26/21 15:25	05/27/21 22:31	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	5.32	B	4.06	0.73	ng/L		05/28/21 16:14	06/01/21 23:41	1
Perfluoropentanoic acid (PFPeA)	1.63	U	1.63	0.39	ng/L		05/28/21 16:14	06/01/21 23:41	1
Perfluorohexanoic acid (PFHxA)	0.41	J	1.63	0.37	ng/L		05/28/21 16:14	06/01/21 23:41	1
Perfluoroheptanoic acid (PFHpA)	0.46	J B	1.63	0.19	ng/L		05/28/21 16:14	06/01/21 23:41	1
Perfluorooctanoic acid (PFOA)	3.36		1.63	0.34	ng/L		05/28/21 16:14	06/01/21 23:41	1
Perfluorononanoic acid (PFNA)	1.63	U	1.63	0.23	ng/L		05/28/21 16:14	06/01/21 23:41	1
Perfluorodecanoic acid (PFDA)	1.63	U	1.63	0.25	ng/L		05/28/21 16:14	06/01/21 23:41	1
Perfluoroundecanoic acid (PFUnA)	1.63	U	1.63	0.28	ng/L		05/28/21 16:14	06/01/21 23:41	1
Perfluorododecanoic acid (PFDoA)	1.63	U	1.63	0.31	ng/L		05/28/21 16:14	06/01/21 23:41	1
Perfluorotridecanoic acid (PFTriA)	1.63	U	1.63	0.35	ng/L		05/28/21 16:14	06/01/21 23:41	1
Perfluorotetradecanoic acid (PFTeA)	1.63	U	1.63	0.51	ng/L		05/28/21 16:14	06/01/21 23:41	1
Perfluorobutanesulfonic acid (PFBS)	0.29	J B	1.63	0.20	ng/L		05/28/21 16:14	06/01/21 23:41	1
Perfluorohexanesulfonic acid (PFHxS)	0.25	J	1.63	0.25	ng/L		05/28/21 16:14	06/01/21 23:41	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.63	U	1.63	0.19	ng/L		05/28/21 16:14	06/01/21 23:41	1
Perfluorodecanesulfonic acid (PFDS)	1.63	U	1.63	0.25	ng/L		05/28/21 16:14	06/01/21 23:41	1
Perfluorooctanesulfonic acid (PFOS)	0.70	J B	1.63	0.24	ng/L		05/28/21 16:14	06/01/21 23:41	1
Perfluorooctanesulfonamide (FOSA)	1.63	U	1.63	0.47	ng/L		05/28/21 16:14	06/01/21 23:41	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-7

Lab Sample ID: 480-184959-21

Date Collected: 05/18/21 14:45

Matrix: Water

Date Received: 05/20/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.06	U	4.06	0.73	ng/L		05/28/21 16:14	06/01/21 23:41	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.06	U	4.06	0.60	ng/L		05/28/21 16:14	06/01/21 23:41	1
6:2 FTS	4.06	U	4.06	0.89	ng/L		05/28/21 16:14	06/01/21 23:41	1
8:2 FTS	1.63	U	1.63	0.32	ng/L		05/28/21 16:14	06/01/21 23:41	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	72		25 - 150				05/28/21 16:14	06/01/21 23:41	1
13C4 PFBA	79		25 - 150				05/28/21 16:14	06/01/21 23:41	1
13C5 PFPeA	88		25 - 150				05/28/21 16:14	06/01/21 23:41	1
13C2 PFHxA	96		50 - 150				05/28/21 16:14	06/01/21 23:41	1
13C4 PFHpA	92		50 - 150				05/28/21 16:14	06/01/21 23:41	1
13C4 PFOA	98		50 - 150				05/28/21 16:14	06/01/21 23:41	1
13C5 PFNA	94		50 - 150				05/28/21 16:14	06/01/21 23:41	1
13C2 PFDA	90		50 - 150				05/28/21 16:14	06/01/21 23:41	1
13C2 PFUnA	83		50 - 150				05/28/21 16:14	06/01/21 23:41	1
13C2 PFDoA	78		50 - 150				05/28/21 16:14	06/01/21 23:41	1
13C2 PFTeDA	76		50 - 150				05/28/21 16:14	06/01/21 23:41	1
13C3 PFBS	85		50 - 150				05/28/21 16:14	06/01/21 23:41	1
18O2 PFHxS	86		50 - 150				05/28/21 16:14	06/01/21 23:41	1
13C4 PFOS	90		50 - 150				05/28/21 16:14	06/01/21 23:41	1
d3-NMeFOSAA	89		50 - 150				05/28/21 16:14	06/01/21 23:41	1
d5-NEtFOSAA	85		50 - 150				05/28/21 16:14	06/01/21 23:41	1
M2-6:2 FTS	92		25 - 150				05/28/21 16:14	06/01/21 23:41	1
M2-8:2 FTS	107		25 - 150				05/28/21 16:14	06/01/21 23:41	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	60.0	ug/L		05/24/21 14:40	05/26/21 15:41	1
Antimony	20.0	U	20.0	6.8	ug/L		05/24/21 14:40	05/26/21 15:41	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/24/21 14:40	05/26/21 15:41	1
Barium	19.9		2.0	0.70	ug/L		05/24/21 14:40	05/26/21 15:41	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/24/21 14:40	05/26/21 15:41	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/24/21 14:40	05/26/21 15:41	1
Calcium	42100		500	100	ug/L		05/24/21 14:40	05/26/21 15:41	1
Chromium	4.0	U	4.0	1.0	ug/L		05/24/21 14:40	05/26/21 15:41	1
Cobalt	14.1		4.0	0.63	ug/L		05/24/21 14:40	05/26/21 15:41	1
Copper	10.0	U	10.0	1.6	ug/L		05/24/21 14:40	05/26/21 15:41	1
Iron	146000	B	50.0	19.3	ug/L		05/24/21 14:40	05/26/21 15:41	1
Lead	5.8	J	10.0	3.0	ug/L		05/24/21 14:40	05/26/21 15:41	1
Magnesium	9770		200	43.4	ug/L		05/24/21 14:40	05/26/21 15:41	1
Manganese	2940		3.0	0.40	ug/L		05/24/21 14:40	05/26/21 15:41	1
Nickel	2.9	J	10.0	1.3	ug/L		05/24/21 14:40	05/26/21 15:41	1
Potassium	1410		500	100	ug/L		05/24/21 14:40	05/27/21 12:31	1
Selenium	25.0	U	25.0	8.7	ug/L		05/24/21 14:40	05/26/21 15:41	1
Silver	6.0	U	6.0	1.7	ug/L		05/24/21 14:40	05/26/21 15:41	1
Sodium	2920		1000	324	ug/L		05/24/21 14:40	05/26/21 15:41	1
Thallium	20.0	U	20.0	10.2	ug/L		05/24/21 14:40	05/26/21 15:41	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/24/21 14:40	05/26/21 15:41	1
Zinc	2.0	J	10.0	1.5	ug/L		05/24/21 14:40	05/26/21 15:41	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-7

Date Collected: 05/18/21 14:45

Date Received: 05/20/21 08:00

Lab Sample ID: 480-184959-21

Matrix: Water

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 17:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	397		10.0	4.0	mg/L			05/21/21 13:35	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	85.2		4.0	4.0	mg/L			05/22/21 16:46	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-1D

Lab Sample ID: 480-184959-22

Date Collected: 05/18/21 14:45

Matrix: Water

Date Received: 05/20/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/26/21 12:48	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 12:48	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/26/21 12:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/26/21 12:48	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/26/21 12:48	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/26/21 12:48	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/26/21 12:48	1
1,2-Dibromo-3-Chloropropane	1.0	U *	1.0	0.39	ug/L			05/26/21 12:48	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/26/21 12:48	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 12:48	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/26/21 12:48	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/26/21 12:48	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/26/21 12:48	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/26/21 12:48	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/26/21 12:48	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/26/21 12:48	1
Acetone	10	U	10	3.0	ug/L			05/26/21 12:48	1
Benzene	1.0	U	1.0	0.41	ug/L			05/26/21 12:48	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/26/21 12:48	1
Bromoform	1.0	U *	1.0	0.26	ug/L			05/26/21 12:48	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/26/21 12:48	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/26/21 12:48	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/26/21 12:48	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/26/21 12:48	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/26/21 12:48	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/26/21 12:48	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/26/21 12:48	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/26/21 12:48	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/26/21 12:48	1
cis-1,3-Dichloropropene	1.0	U *	1.0	0.36	ug/L			05/26/21 12:48	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/26/21 12:48	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/26/21 12:48	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/26/21 12:48	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/26/21 12:48	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/26/21 12:48	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/26/21 12:48	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/26/21 12:48	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/26/21 12:48	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/26/21 12:48	1
Styrene	1.0	U	1.0	0.73	ug/L			05/26/21 12:48	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/26/21 12:48	1
Toluene	1.0	U	1.0	0.51	ug/L			05/26/21 12:48	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/26/21 12:48	1
trans-1,3-Dichloropropene	1.0	U *	1.0	0.37	ug/L			05/26/21 12:48	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/26/21 12:48	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/26/21 12:48	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/26/21 12:48	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/26/21 12:48	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-1D

Lab Sample ID: 480-184959-22

Date Collected: 05/18/21 14:45

Matrix: Water

Date Received: 05/20/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	90		80 - 120		05/26/21 12:48	1
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		05/26/21 12:48	1
4-Bromofluorobenzene (Surr)	101		73 - 120		05/26/21 12:48	1
Dibromofluoromethane (Surr)	101		75 - 123		05/26/21 12:48	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.20	U	0.20	0.10	ug/L		05/20/21 15:09	05/24/21 19:06	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	27		15 - 110				05/20/21 15:09	05/24/21 19:06	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 22:43	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 22:43	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 22:43	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 22:43	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 22:43	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 22:43	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 22:43	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 22:43	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 22:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	66		39 - 121	05/26/21 15:25	05/27/21 22:43	1
Tetrachloro-m-xylene	66		39 - 121	05/26/21 15:25	05/27/21 22:43	1
DCB Decachlorobiphenyl	30		19 - 120	05/26/21 15:25	05/27/21 22:43	1
DCB Decachlorobiphenyl	28		19 - 120	05/26/21 15:25	05/27/21 22:43	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.84	J B	4.19	0.75	ng/L		05/28/21 16:14	06/01/21 23:49	1
Perfluoropentanoic acid (PFPeA)	1.68	U	1.68	0.40	ng/L		05/28/21 16:14	06/01/21 23:49	1
Perfluorohexanoic acid (PFHxA)	1.68	U	1.68	0.38	ng/L		05/28/21 16:14	06/01/21 23:49	1
Perfluoroheptanoic acid (PFHpA)	1.68	U	1.68	0.20	ng/L		05/28/21 16:14	06/01/21 23:49	1
Perfluorooctanoic acid (PFOA)	1.68	U	1.68	0.36	ng/L		05/28/21 16:14	06/01/21 23:49	1
Perfluorononanoic acid (PFNA)	1.68	U	1.68	0.24	ng/L		05/28/21 16:14	06/01/21 23:49	1
Perfluorodecanoic acid (PFDA)	1.68	U	1.68	0.25	ng/L		05/28/21 16:14	06/01/21 23:49	1
Perfluoroundecanoic acid (PFUnA)	1.68	U	1.68	0.29	ng/L		05/28/21 16:14	06/01/21 23:49	1
Perfluorododecanoic acid (PFDoA)	1.68	U	1.68	0.32	ng/L		05/28/21 16:14	06/01/21 23:49	1
Perfluorotridecanoic acid (PFTriA)	1.68	U	1.68	0.36	ng/L		05/28/21 16:14	06/01/21 23:49	1
Perfluorotetradecanoic acid (PFTeA)	1.68	U	1.68	0.53	ng/L		05/28/21 16:14	06/01/21 23:49	1
Perfluorobutanesulfonic acid (PFBS)	1.68	U	1.68	0.21	ng/L		05/28/21 16:14	06/01/21 23:49	1
Perfluorohexanesulfonic acid (PFHxS)	1.68	U	1.68	0.25	ng/L		05/28/21 16:14	06/01/21 23:49	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.68	U	1.68	0.20	ng/L		05/28/21 16:14	06/01/21 23:49	1
Perfluorodecanesulfonic acid (PFDS)	1.68	U	1.68	0.26	ng/L		05/28/21 16:14	06/01/21 23:49	1
Perfluorooctanesulfonic acid (PFOS)	1.68	U	1.68	0.24	ng/L		05/28/21 16:14	06/01/21 23:49	1
Perfluorooctanesulfonamide (FOSA)	1.68	U	1.68	0.48	ng/L		05/28/21 16:14	06/01/21 23:49	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.19	U	4.19	0.76	ng/L		05/28/21 16:14	06/01/21 23:49	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-1D

Lab Sample ID: 480-184959-22

Date Collected: 05/18/21 14:45

Matrix: Water

Date Received: 05/20/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.19	U	4.19	0.62	ng/L		05/28/21 16:14	06/01/21 23:49	1
6:2 FTS	4.19	U	4.19	0.92	ng/L		05/28/21 16:14	06/01/21 23:49	1
8:2 FTS	1.68	U	1.68	0.33	ng/L		05/28/21 16:14	06/01/21 23:49	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	85		25 - 150				05/28/21 16:14	06/01/21 23:49	1
13C4 PFBA	84		25 - 150				05/28/21 16:14	06/01/21 23:49	1
13C5 PFPeA	100		25 - 150				05/28/21 16:14	06/01/21 23:49	1
13C2 PFHxA	100		50 - 150				05/28/21 16:14	06/01/21 23:49	1
13C4 PFHpA	94		50 - 150				05/28/21 16:14	06/01/21 23:49	1
13C4 PFOA	100		50 - 150				05/28/21 16:14	06/01/21 23:49	1
13C5 PFNA	97		50 - 150				05/28/21 16:14	06/01/21 23:49	1
13C2 PFDA	102		50 - 150				05/28/21 16:14	06/01/21 23:49	1
13C2 PFUnA	95		50 - 150				05/28/21 16:14	06/01/21 23:49	1
13C2 PFDoA	96		50 - 150				05/28/21 16:14	06/01/21 23:49	1
13C2 PFTeDA	83		50 - 150				05/28/21 16:14	06/01/21 23:49	1
13C3 PFBS	94		50 - 150				05/28/21 16:14	06/01/21 23:49	1
18O2 PFHxS	87		50 - 150				05/28/21 16:14	06/01/21 23:49	1
13C4 PFOS	89		50 - 150				05/28/21 16:14	06/01/21 23:49	1
d3-NMeFOSAA	108		50 - 150				05/28/21 16:14	06/01/21 23:49	1
d5-NEtFOSAA	100		50 - 150				05/28/21 16:14	06/01/21 23:49	1
M2-6:2 FTS	99		25 - 150				05/28/21 16:14	06/01/21 23:49	1
M2-8:2 FTS	111		25 - 150				05/28/21 16:14	06/01/21 23:49	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	60.0	ug/L		05/24/21 14:40	05/26/21 15:45	1
Antimony	20.0	U	20.0	6.8	ug/L		05/24/21 14:40	05/26/21 15:45	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/24/21 14:40	05/26/21 15:45	1
Barium	517		2.0	0.70	ug/L		05/24/21 14:40	05/26/21 15:45	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/24/21 14:40	05/26/21 15:45	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/24/21 14:40	05/26/21 15:45	1
Calcium	21000		500	100	ug/L		05/24/21 14:40	05/26/21 15:45	1
Chromium	4.0	U	4.0	1.0	ug/L		05/24/21 14:40	05/26/21 15:45	1
Cobalt	4.0	U	4.0	0.63	ug/L		05/24/21 14:40	05/26/21 15:45	1
Copper	10.0	U	10.0	1.6	ug/L		05/24/21 14:40	05/26/21 15:45	1
Iron	169	B	50.0	19.3	ug/L		05/24/21 14:40	05/26/21 15:45	1
Lead	10.0	U	10.0	3.0	ug/L		05/24/21 14:40	05/26/21 15:45	1
Magnesium	4930		200	43.4	ug/L		05/24/21 14:40	05/26/21 15:45	1
Manganese	19.4		3.0	0.40	ug/L		05/24/21 14:40	05/26/21 15:45	1
Nickel	10.0	U	10.0	1.3	ug/L		05/24/21 14:40	05/26/21 15:45	1
Potassium	2880		500	100	ug/L		05/24/21 14:40	05/27/21 12:35	1
Selenium	25.0	U	25.0	8.7	ug/L		05/24/21 14:40	05/26/21 15:45	1
Silver	6.0	U	6.0	1.7	ug/L		05/24/21 14:40	05/26/21 15:45	1
Sodium	44300		1000	324	ug/L		05/24/21 14:40	05/26/21 15:45	1
Thallium	20.0	U	20.0	10.2	ug/L		05/24/21 14:40	05/26/21 15:45	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/24/21 14:40	05/26/21 15:45	1
Zinc	4.4	J	10.0	1.5	ug/L		05/24/21 14:40	05/26/21 15:45	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-1D

Lab Sample ID: 480-184959-22

Date Collected: 05/18/21 14:45

Matrix: Water

Date Received: 05/20/21 08:00

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 17:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	212		10.0	4.0	mg/L			05/21/21 13:35	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	4.0	U	4.0	4.0	mg/L			05/22/21 16:46	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: DUP-SED

Lab Sample ID: 480-184959-23

Date Collected: 05/18/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:00

Percent Solids: 54.0

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	9.2	U	9.2	0.67	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
1,1,2,2-Tetrachloroethane	9.2	U	9.2	1.5	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
1,1,2-Trichloroethane	9.2	U	9.2	1.2	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	9.2	U	9.2	2.1	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
1,1-Dichloroethane	9.2	U	9.2	1.1	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
1,1-Dichloroethene	9.2	U	9.2	1.1	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
1,2,4-Trichlorobenzene	9.2	U	9.2	0.56	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
1,2-Dibromo-3-Chloropropane	9.2	U	9.2	4.6	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
1,2-Dichlorobenzene	9.2	U	9.2	0.72	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
1,2-Dichloroethane	9.2	U	9.2	0.46	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
1,2-Dichloropropane	9.2	U	9.2	4.6	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
1,3-Dichlorobenzene	9.2	U	9.2	0.47	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
1,4-Dichlorobenzene	9.2	U	9.2	1.3	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
2-Butanone (MEK)	46	U	46	3.4	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
2-Hexanone	46	U	46	4.6	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
4-Methyl-2-pentanone (MIBK)	46	U	46	3.0	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
Acetone	29	J	46	7.7	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
Benzene	9.2	U	9.2	0.45	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
Bromodichloromethane	9.2	U	9.2	1.2	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
Bromoform	9.2	U	9.2	4.6	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
Bromomethane	9.2	U	9.2	0.83	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
Carbon disulfide	9.2	U	9.2	4.6	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
Carbon tetrachloride	9.2	U	9.2	0.89	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
Chlorobenzene	9.2	U	9.2	1.2	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
Dibromochloromethane	9.2	U	9.2	1.2	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
Chloroethane	9.2	U	9.2	2.1	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
Chloroform	9.2	U	9.2	0.57	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
Chloromethane	9.2	U	9.2	0.55	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
cis-1,2-Dichloroethene	9.2	U	9.2	1.2	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
cis-1,3-Dichloropropene	9.2	U	9.2	1.3	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
Cyclohexane	9.2	U	9.2	1.3	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
Dichlorodifluoromethane	9.2	U	9.2	0.76	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
Ethylbenzene	9.2	U	9.2	0.63	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
1,2-Dibromoethane	9.2	U	9.2	1.2	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
Isopropylbenzene	9.2	U	9.2	1.4	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
Methyl acetate	46	U	46	5.5	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
Methyl tert-butyl ether	9.2	U	9.2	0.90	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
Methylcyclohexane	9.2	U	9.2	1.4	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
Methylene Chloride	9.2	U	9.2	4.2	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
Styrene	9.2	U	9.2	0.46	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
Tetrachloroethene	9.2	U	9.2	1.2	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
Toluene	9.2	U	9.2	0.69	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
trans-1,2-Dichloroethene	9.2	U	9.2	0.95	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
trans-1,3-Dichloropropene	9.2	U	9.2	4.0	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
Trichloroethene	9.2	U	9.2	2.0	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
Trichlorofluoromethane	9.2	U	9.2	0.87	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
Vinyl chloride	9.2	U	9.2	1.1	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1
Xylenes, Total	18	U	18	1.5	ug/Kg	✱	05/20/21 17:26	05/21/21 00:48	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: DUP-SED

Lab Sample ID: 480-184959-23

Date Collected: 05/18/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:00

Percent Solids: 54.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		71 - 125	05/20/21 17:26	05/21/21 00:48	1
1,2-Dichloroethane-d4 (Surr)	102		64 - 126	05/20/21 17:26	05/21/21 00:48	1
4-Bromofluorobenzene (Surr)	92		72 - 126	05/20/21 17:26	05/21/21 00:48	1
Dibromofluoromethane (Surr)	99		60 - 140	05/20/21 17:26	05/21/21 00:48	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.33	U	0.33	0.065	mg/Kg	✱	05/27/21 10:04	05/28/21 03:48	1
PCB-1221	0.33	U	0.33	0.065	mg/Kg	✱	05/27/21 10:04	05/28/21 03:48	1
PCB-1232	0.33	U	0.33	0.065	mg/Kg	✱	05/27/21 10:04	05/28/21 03:48	1
PCB-1242	0.33	U	0.33	0.065	mg/Kg	✱	05/27/21 10:04	05/28/21 03:48	1
PCB-1248	0.33	U	0.33	0.065	mg/Kg	✱	05/27/21 10:04	05/28/21 03:48	1
PCB-1254	0.33	U	0.33	0.16	mg/Kg	✱	05/27/21 10:04	05/28/21 03:48	1
PCB-1260	0.33	U	0.33	0.16	mg/Kg	✱	05/27/21 10:04	05/28/21 03:48	1
PCB-1262	0.33	U	0.33	0.16	mg/Kg	✱	05/27/21 10:04	05/28/21 03:48	1
PCB-1268	0.33	U	0.33	0.16	mg/Kg	✱	05/27/21 10:04	05/28/21 03:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	143		60 - 154	05/27/21 10:04	05/28/21 03:48	1
Tetrachloro-m-xylene	134		60 - 154	05/27/21 10:04	05/28/21 03:48	1
DCB Decachlorobiphenyl	136		65 - 174	05/27/21 10:04	05/28/21 03:48	1
DCB Decachlorobiphenyl	126		65 - 174	05/27/21 10:04	05/28/21 03:48	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.88	U	0.88	0.28	ug/Kg	✱	05/25/21 08:44	05/26/21 18:22	1
Perfluoropentanoic acid (PFPeA)	0.35	U	0.35	0.069	ug/Kg	✱	05/25/21 08:44	05/26/21 18:22	1
Perfluorohexanoic acid (PFHxA)	0.046	J	0.35	0.039	ug/Kg	✱	05/25/21 08:44	05/26/21 18:22	1
Perfluoroheptanoic acid (PFHpA)	0.35	U	0.35	0.035	ug/Kg	✱	05/25/21 08:44	05/26/21 18:22	1
Perfluorooctanoic acid (PFOA)	0.055	J	0.35	0.044	ug/Kg	✱	05/25/21 08:44	05/26/21 18:22	1
Perfluorononanoic acid (PFNA)	0.35	U	0.35	0.032	ug/Kg	✱	05/25/21 08:44	05/26/21 18:22	1
Perfluorodecanoic acid (PFDA)	0.35	U	0.35	0.021	ug/Kg	✱	05/25/21 08:44	05/26/21 18:22	1
Perfluoroundecanoic acid (PFUnA)	0.044	J	0.35	0.035	ug/Kg	✱	05/25/21 08:44	05/26/21 18:22	1
Perfluorododecanoic acid (PFDoA)	0.35	U	0.35	0.037	ug/Kg	✱	05/25/21 08:44	05/26/21 18:22	1
Perfluorotridecanoic acid (PFTriA)	0.35	U	0.35	0.026	ug/Kg	✱	05/25/21 08:44	05/26/21 18:22	1
Perfluorotetradecanoic acid (PFTeA)	0.35	U	0.35	0.040	ug/Kg	✱	05/25/21 08:44	05/26/21 18:22	1
Perfluorobutanesulfonic acid (PFBS)	0.35	U	0.35	0.016	ug/Kg	✱	05/25/21 08:44	05/26/21 18:22	1
Perfluorohexanesulfonic acid (PFHxS)	0.034	J B	0.35	0.025	ug/Kg	✱	05/25/21 08:44	05/26/21 18:22	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.35	U	0.35	0.026	ug/Kg	✱	05/25/21 08:44	05/26/21 18:22	1
Perfluorooctanesulfonic acid (PFOS)	0.21	J B	0.35	0.028	ug/Kg	✱	05/25/21 08:44	05/26/21 18:22	1
Perfluorodecanesulfonic acid (PFDS)	0.35	U	0.35	0.021	ug/Kg	✱	05/25/21 08:44	05/26/21 18:22	1
Perfluorooctanesulfonamide (PFOSA)	0.35	U	0.35	0.030	ug/Kg	✱	05/25/21 08:44	05/26/21 18:22	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	3.52	U	3.52	0.065	ug/Kg	✱	05/25/21 08:44	05/26/21 18:22	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	3.52	U	3.52	0.081	ug/Kg	✱	05/25/21 08:44	05/26/21 18:22	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	3.52	U	3.52	0.055	ug/Kg	✱	05/25/21 08:44	05/26/21 18:22	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: DUP-SED

Lab Sample ID: 480-184959-23

Date Collected: 05/18/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:00

Percent Solids: 54.0

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	3.52	U	3.52	0.028	ug/Kg	☆	05/25/21 08:44	05/26/21 18:22	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	82		50 - 150				05/25/21 08:44	05/26/21 18:22	1
13C4 PFHpA	85		50 - 150				05/25/21 08:44	05/26/21 18:22	1
13C4 PFOA	89		50 - 150				05/25/21 08:44	05/26/21 18:22	1
13C4 PFOS	78		50 - 150				05/25/21 08:44	05/26/21 18:22	1
13C5 PFNA	84		50 - 150				05/25/21 08:44	05/26/21 18:22	1
13C4 PFBA	85		25 - 150				05/25/21 08:44	05/26/21 18:22	1
13C2 PFHxA	91		50 - 150				05/25/21 08:44	05/26/21 18:22	1
13C2 PFDA	89		50 - 150				05/25/21 08:44	05/26/21 18:22	1
13C2 PFUnA	80		50 - 150				05/25/21 08:44	05/26/21 18:22	1
13C2 PFDoA	82		50 - 150				05/25/21 08:44	05/26/21 18:22	1
13C8 FOSA	71		25 - 150				05/25/21 08:44	05/26/21 18:22	1
13C5 PFPeA	88		25 - 150				05/25/21 08:44	05/26/21 18:22	1
13C2 PFTeDA	85		50 - 150				05/25/21 08:44	05/26/21 18:22	1
d3-NMeFOSAA	87		50 - 150				05/25/21 08:44	05/26/21 18:22	1
d5-NEtFOSAA	94		50 - 150				05/25/21 08:44	05/26/21 18:22	1
M2-6:2 FTS	91		25 - 150				05/25/21 08:44	05/26/21 18:22	1
M2-8:2 FTS	98		25 - 150				05/25/21 08:44	05/26/21 18:22	1
13C3 PFBS	83		50 - 150				05/25/21 08:44	05/26/21 18:22	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3180		19.1	8.4	mg/Kg	☆	05/24/21 17:54	05/26/21 00:59	1
Antimony	28.6	U	28.6	0.76	mg/Kg	☆	05/24/21 17:54	05/26/21 00:59	1
Arsenic	23.7		3.8	0.76	mg/Kg	☆	05/24/21 17:54	05/26/21 00:59	1
Barium	133		0.95	0.21	mg/Kg	☆	05/24/21 17:54	05/26/21 00:59	1
Beryllium	0.23	J	0.38	0.053	mg/Kg	☆	05/24/21 17:54	05/26/21 00:59	1
Cadmium	0.069	J	0.38	0.057	mg/Kg	☆	05/24/21 17:54	05/26/21 00:59	1
Calcium	5570		95.4	6.3	mg/Kg	☆	05/24/21 17:54	05/26/21 00:59	1
Chromium	4.2		0.95	0.38	mg/Kg	☆	05/24/21 17:54	05/26/21 00:59	1
Cobalt	4.9		0.95	0.095	mg/Kg	☆	05/24/21 17:54	05/26/21 00:59	1
Copper	4.4		1.9	0.40	mg/Kg	☆	05/24/21 17:54	05/26/21 00:59	1
Iron	66400		19.1	6.7	mg/Kg	☆	05/24/21 17:54	05/26/21 00:59	1
Lead	9.9		1.9	0.46	mg/Kg	☆	05/24/21 17:54	05/26/21 00:59	1
Magnesium	1200		38.1	1.8	mg/Kg	☆	05/24/21 17:54	05/26/21 00:59	1
Manganese	1550	B	0.38	0.061	mg/Kg	☆	05/24/21 17:54	05/26/21 00:59	1
Nickel	6.4	J	9.5	0.44	mg/Kg	☆	05/24/21 17:54	05/26/21 00:59	1
Potassium	342		57.2	38.1	mg/Kg	☆	05/24/21 17:54	05/26/21 00:59	1
Selenium	5.6	J	7.6	0.76	mg/Kg	☆	05/24/21 17:54	05/26/21 00:59	1
Silver	1.1	U	1.1	0.38	mg/Kg	☆	05/24/21 17:54	05/26/21 00:59	1
Sodium	198	J B	267	24.8	mg/Kg	☆	05/24/21 17:54	05/26/21 00:59	1
Thallium	11.4	U	11.4	0.57	mg/Kg	☆	05/24/21 17:54	05/26/21 00:59	1
Vanadium	19.2		0.95	0.21	mg/Kg	☆	05/24/21 17:54	05/26/21 00:59	1
Zinc	40.0		3.8	1.2	mg/Kg	☆	05/24/21 17:54	05/26/21 00:59	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.023	U	0.023	0.0092	mg/Kg	☆	05/26/21 15:55	05/26/21 19:39	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: DUP-SW

Lab Sample ID: 480-184959-24

Date Collected: 05/18/21 00:00

Matrix: Water

Date Received: 05/20/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/26/21 13:11	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 13:11	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/26/21 13:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/26/21 13:11	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/26/21 13:11	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/26/21 13:11	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/26/21 13:11	1
1,2-Dibromo-3-Chloropropane	1.0	U *	1.0	0.39	ug/L			05/26/21 13:11	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/26/21 13:11	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 13:11	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/26/21 13:11	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/26/21 13:11	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/26/21 13:11	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/26/21 13:11	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/26/21 13:11	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/26/21 13:11	1
Acetone	10	U	10	3.0	ug/L			05/26/21 13:11	1
Benzene	1.0	U	1.0	0.41	ug/L			05/26/21 13:11	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/26/21 13:11	1
Bromoform	1.0	U *	1.0	0.26	ug/L			05/26/21 13:11	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/26/21 13:11	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/26/21 13:11	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/26/21 13:11	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/26/21 13:11	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/26/21 13:11	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/26/21 13:11	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/26/21 13:11	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/26/21 13:11	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/26/21 13:11	1
cis-1,3-Dichloropropene	1.0	U *	1.0	0.36	ug/L			05/26/21 13:11	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/26/21 13:11	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/26/21 13:11	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/26/21 13:11	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/26/21 13:11	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/26/21 13:11	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/26/21 13:11	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/26/21 13:11	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/26/21 13:11	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/26/21 13:11	1
Styrene	1.0	U	1.0	0.73	ug/L			05/26/21 13:11	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/26/21 13:11	1
Toluene	1.0	U	1.0	0.51	ug/L			05/26/21 13:11	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/26/21 13:11	1
trans-1,3-Dichloropropene	1.0	U *	1.0	0.37	ug/L			05/26/21 13:11	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/26/21 13:11	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/26/21 13:11	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/26/21 13:11	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/26/21 13:11	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: DUP-SW

Lab Sample ID: 480-184959-24

Date Collected: 05/18/21 00:00

Matrix: Water

Date Received: 05/20/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		80 - 120		05/26/21 13:11	1
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		05/26/21 13:11	1
4-Bromofluorobenzene (Surr)	104		73 - 120		05/26/21 13:11	1
Dibromofluoromethane (Surr)	102		75 - 123		05/26/21 13:11	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.6	E B	0.20	0.10	ug/L		05/20/21 15:09	05/24/21 19:30	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	29		15 - 110				05/20/21 15:09	05/24/21 19:30	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 22:56	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 22:56	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 22:56	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 22:56	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 22:56	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 22:56	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 22:56	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 22:56	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 22:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	83		39 - 121	05/26/21 15:25	05/27/21 22:56	1
Tetrachloro-m-xylene	83		39 - 121	05/26/21 15:25	05/27/21 22:56	1
DCB Decachlorobiphenyl	37		19 - 120	05/26/21 15:25	05/27/21 22:56	1
DCB Decachlorobiphenyl	37		19 - 120	05/26/21 15:25	05/27/21 22:56	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	8.11	B	4.15	0.74	ng/L		05/28/21 16:14	06/01/21 23:58	1
Perfluoropentanoic acid (PFPeA)	9.67		1.66	0.39	ng/L		05/28/21 16:14	06/01/21 23:58	1
Perfluorohexanoic acid (PFHxA)	13.6		1.66	0.37	ng/L		05/28/21 16:14	06/01/21 23:58	1
Perfluoroheptanoic acid (PFHpA)	5.96	B	1.66	0.20	ng/L		05/28/21 16:14	06/01/21 23:58	1
Perfluorooctanoic acid (PFOA)	21.9		1.66	0.35	ng/L		05/28/21 16:14	06/01/21 23:58	1
Perfluorononanoic acid (PFNA)	0.33	J	1.66	0.23	ng/L		05/28/21 16:14	06/01/21 23:58	1
Perfluorodecanoic acid (PFDA)	1.66	U	1.66	0.25	ng/L		05/28/21 16:14	06/01/21 23:58	1
Perfluoroundecanoic acid (PFUnA)	1.66	U	1.66	0.29	ng/L		05/28/21 16:14	06/01/21 23:58	1
Perfluorododecanoic acid (PFDoA)	1.66	U	1.66	0.32	ng/L		05/28/21 16:14	06/01/21 23:58	1
Perfluorotridecanoic acid (PFTriA)	1.66	U	1.66	0.36	ng/L		05/28/21 16:14	06/01/21 23:58	1
Perfluorotetradecanoic acid (PFTeA)	1.66	U	1.66	0.52	ng/L		05/28/21 16:14	06/01/21 23:58	1
Perfluorobutanesulfonic acid (PFBS)	1.82	B	1.66	0.21	ng/L		05/28/21 16:14	06/01/21 23:58	1
Perfluorohexanesulfonic acid (PFHxS)	1.78		1.66	0.25	ng/L		05/28/21 16:14	06/01/21 23:58	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.66	U	1.66	0.19	ng/L		05/28/21 16:14	06/01/21 23:58	1
Perfluorodecanesulfonic acid (PFDS)	1.66	U	1.66	0.25	ng/L		05/28/21 16:14	06/01/21 23:58	1
Perfluorooctanesulfonic acid (PFOS)	3.79	B	1.66	0.24	ng/L		05/28/21 16:14	06/01/21 23:58	1
Perfluorooctanesulfonamide (FOSA)	1.66	U	1.66	0.48	ng/L		05/28/21 16:14	06/01/21 23:58	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: DUP-SW

Lab Sample ID: 480-184959-24

Date Collected: 05/18/21 00:00

Matrix: Water

Date Received: 05/20/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.15	U	4.15	0.75	ng/L		05/28/21 16:14	06/01/21 23:58	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.15	U	4.15	0.62	ng/L		05/28/21 16:14	06/01/21 23:58	1
6:2 FTS	4.15	U	4.15	0.91	ng/L		05/28/21 16:14	06/01/21 23:58	1
8:2 FTS	1.66	U	1.66	0.32	ng/L		05/28/21 16:14	06/01/21 23:58	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	90		25 - 150				05/28/21 16:14	06/01/21 23:58	1
13C4 PFBA	74		25 - 150				05/28/21 16:14	06/01/21 23:58	1
13C5 PFPeA	87		25 - 150				05/28/21 16:14	06/01/21 23:58	1
13C2 PFHxA	99		50 - 150				05/28/21 16:14	06/01/21 23:58	1
13C4 PFHpA	98		50 - 150				05/28/21 16:14	06/01/21 23:58	1
13C4 PFOA	101		50 - 150				05/28/21 16:14	06/01/21 23:58	1
13C5 PFNA	101		50 - 150				05/28/21 16:14	06/01/21 23:58	1
13C2 PFDA	111		50 - 150				05/28/21 16:14	06/01/21 23:58	1
13C2 PFUnA	101		50 - 150				05/28/21 16:14	06/01/21 23:58	1
13C2 PFDoA	97		50 - 150				05/28/21 16:14	06/01/21 23:58	1
13C2 PFTeDA	93		50 - 150				05/28/21 16:14	06/01/21 23:58	1
13C3 PFBS	89		50 - 150				05/28/21 16:14	06/01/21 23:58	1
18O2 PFHxS	96		50 - 150				05/28/21 16:14	06/01/21 23:58	1
13C4 PFOS	97		50 - 150				05/28/21 16:14	06/01/21 23:58	1
d3-NMeFOSAA	119		50 - 150				05/28/21 16:14	06/01/21 23:58	1
d5-NEtFOSAA	118		50 - 150				05/28/21 16:14	06/01/21 23:58	1
M2-6:2 FTS	100		25 - 150				05/28/21 16:14	06/01/21 23:58	1
M2-8:2 FTS	122		25 - 150				05/28/21 16:14	06/01/21 23:58	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	60.0	ug/L		05/24/21 14:40	05/26/21 15:48	1
Antimony	20.0	U	20.0	6.8	ug/L		05/24/21 14:40	05/26/21 15:48	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/24/21 14:40	05/26/21 15:48	1
Barium	33.8		2.0	0.70	ug/L		05/24/21 14:40	05/26/21 15:48	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/24/21 14:40	05/26/21 15:48	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/24/21 14:40	05/26/21 15:48	1
Calcium	84300		500	100	ug/L		05/24/21 14:40	05/26/21 15:48	1
Chromium	4.0	U	4.0	1.0	ug/L		05/24/21 14:40	05/26/21 15:48	1
Cobalt	4.0	U	4.0	0.63	ug/L		05/24/21 14:40	05/26/21 15:48	1
Copper	2.6	J	10.0	1.6	ug/L		05/24/21 14:40	05/26/21 15:48	1
Iron	695	B	50.0	19.3	ug/L		05/24/21 14:40	05/26/21 15:48	1
Lead	10.0	U	10.0	3.0	ug/L		05/24/21 14:40	05/26/21 15:48	1
Magnesium	16500		200	43.4	ug/L		05/24/21 14:40	05/26/21 15:48	1
Manganese	165		3.0	0.40	ug/L		05/24/21 14:40	05/26/21 15:48	1
Nickel	2.9	J	10.0	1.3	ug/L		05/24/21 14:40	05/26/21 15:48	1
Potassium	2700		500	100	ug/L		05/24/21 14:40	05/27/21 12:39	1
Selenium	25.0	U	25.0	8.7	ug/L		05/24/21 14:40	05/26/21 15:48	1
Silver	6.0	U	6.0	1.7	ug/L		05/24/21 14:40	05/26/21 15:48	1
Sodium	42800		1000	324	ug/L		05/24/21 14:40	05/26/21 15:48	1
Thallium	20.0	U	20.0	10.2	ug/L		05/24/21 14:40	05/26/21 15:48	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/24/21 14:40	05/26/21 15:48	1
Zinc	10.0	U	10.0	1.5	ug/L		05/24/21 14:40	05/26/21 15:48	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: DUP-SW

Lab Sample ID: 480-184959-24

Date Collected: 05/18/21 00:00

Matrix: Water

Date Received: 05/20/21 08:00

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 17:35	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-5

Lab Sample ID: 480-185032-1

Date Collected: 05/20/21 09:40

Matrix: Water

Date Received: 05/21/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	10	U	10	8.2	ug/L			05/26/21 13:23	10
1,1,2,2-Tetrachloroethane	10	U	10	2.1	ug/L			05/26/21 13:23	10
1,1,2-Trichloroethane	10	U	10	2.3	ug/L			05/26/21 13:23	10
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	3.1	ug/L			05/26/21 13:23	10
1,1-Dichloroethane	10	U	10	3.8	ug/L			05/26/21 13:23	10
1,1-Dichloroethene	10	U	10	2.9	ug/L			05/26/21 13:23	10
1,2,4-Trichlorobenzene	10	U	10	4.1	ug/L			05/26/21 13:23	10
1,2-Dibromo-3-Chloropropane	10	U	10	3.9	ug/L			05/26/21 13:23	10
1,2-Dichlorobenzene	10	U	10	7.9	ug/L			05/26/21 13:23	10
1,2-Dichloroethane	10	U	10	2.1	ug/L			05/26/21 13:23	10
1,2-Dichloropropane	10	U	10	7.2	ug/L			05/26/21 13:23	10
1,3-Dichlorobenzene	10	U	10	7.8	ug/L			05/26/21 13:23	10
1,4-Dichlorobenzene	10	U	10	8.4	ug/L			05/26/21 13:23	10
2-Butanone (MEK)	100	U	100	13	ug/L			05/26/21 13:23	10
2-Hexanone	50	U	50	12	ug/L			05/26/21 13:23	10
4-Methyl-2-pentanone (MIBK)	50	U	50	21	ug/L			05/26/21 13:23	10
Acetone	140		100	30	ug/L			05/26/21 13:23	10
Benzene	10	U	10	4.1	ug/L			05/26/21 13:23	10
Bromodichloromethane	10	U	10	3.9	ug/L			05/26/21 13:23	10
Bromoform	10	U	10	2.6	ug/L			05/26/21 13:23	10
Bromomethane	10	U	10	6.9	ug/L			05/26/21 13:23	10
Carbon disulfide	10	U	10	1.9	ug/L			05/26/21 13:23	10
Carbon tetrachloride	10	U	10	2.7	ug/L			05/26/21 13:23	10
Chlorobenzene	10	U	10	7.5	ug/L			05/26/21 13:23	10
Dibromochloromethane	10	U	10	3.2	ug/L			05/26/21 13:23	10
Chloroethane	10	U	10	3.2	ug/L			05/26/21 13:23	10
Chloroform	10	U	10	3.4	ug/L			05/26/21 13:23	10
Chloromethane	10	U	10	3.5	ug/L			05/26/21 13:23	10
cis-1,2-Dichloroethene	10	U	10	8.1	ug/L			05/26/21 13:23	10
cis-1,3-Dichloropropene	10	U	10	3.6	ug/L			05/26/21 13:23	10
Cyclohexane	10	U	10	1.8	ug/L			05/26/21 13:23	10
Dichlorodifluoromethane	10	U	10	6.8	ug/L			05/26/21 13:23	10
Ethylbenzene	10	U	10	7.4	ug/L			05/26/21 13:23	10
1,2-Dibromoethane	10	U	10	7.3	ug/L			05/26/21 13:23	10
Isopropylbenzene	10	U	10	7.9	ug/L			05/26/21 13:23	10
Methyl acetate	25	U	25	13	ug/L			05/26/21 13:23	10
Methyl tert-butyl ether	10	U	10	1.6	ug/L			05/26/21 13:23	10
Methylcyclohexane	1.6	J	10	1.6	ug/L			05/26/21 13:23	10
Methylene Chloride	10	U	10	4.4	ug/L			05/26/21 13:23	10
Styrene	10	U	10	7.3	ug/L			05/26/21 13:23	10
Tetrachloroethene	10	U	10	3.6	ug/L			05/26/21 13:23	10
Toluene	10	U	10	5.1	ug/L			05/26/21 13:23	10
trans-1,2-Dichloroethene	10	U	10	9.0	ug/L			05/26/21 13:23	10
trans-1,3-Dichloropropene	10	U	10	3.7	ug/L			05/26/21 13:23	10
Trichloroethene	10	U	10	4.6	ug/L			05/26/21 13:23	10
Trichlorofluoromethane	10	U	10	8.8	ug/L			05/26/21 13:23	10
Vinyl chloride	320		10	9.0	ug/L			05/26/21 13:23	10
Xylenes, Total	20	U	20	6.6	ug/L			05/26/21 13:23	10

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-5

Date Collected: 05/20/21 09:40

Date Received: 05/21/21 08:00

Lab Sample ID: 480-185032-1

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		05/26/21 13:23	10
1,2-Dichloroethane-d4 (Surr)	91		77 - 120		05/26/21 13:23	10
4-Bromofluorobenzene (Surr)	86		73 - 120		05/26/21 13:23	10
Dibromofluoromethane (Surr)	86		75 - 123		05/26/21 13:23	10

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	68	E B	5.1	2.6	ug/L		05/24/21 08:42	05/27/21 14:41	20
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	37		15 - 110				05/24/21 08:42	05/27/21 14:41	20

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 11:58	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 11:58	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 11:58	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 11:58	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 11:58	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 11:58	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 11:58	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 11:58	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 11:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	93		39 - 121				05/27/21 14:46	05/28/21 11:58	1
Tetrachloro-m-xylene	90		39 - 121				05/27/21 14:46	05/28/21 11:58	1
DCB Decachlorobiphenyl	78		19 - 120				05/27/21 14:46	05/28/21 11:58	1
DCB Decachlorobiphenyl	76		19 - 120				05/27/21 14:46	05/28/21 11:58	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	19.3	B	4.18	0.75	ng/L		06/01/21 11:55	06/02/21 19:28	1
Perfluoropentanoic acid (PFPeA)	56.3		1.67	0.40	ng/L		06/01/21 11:55	06/02/21 19:28	1
Perfluorohexanoic acid (PFHxA)	103	B	1.67	0.38	ng/L		06/01/21 11:55	06/02/21 19:28	1
Perfluoroheptanoic acid (PFHpA)	45.6	B	1.67	0.20	ng/L		06/01/21 11:55	06/02/21 19:28	1
Perfluorooctanoic acid (PFOA)	141		1.67	0.35	ng/L		06/01/21 11:55	06/02/21 19:28	1
Perfluorononanoic acid (PFNA)	1.08	J B	1.67	0.24	ng/L		06/01/21 11:55	06/02/21 19:28	1
Perfluorodecanoic acid (PFDA)	0.28	J B	1.67	0.25	ng/L		06/01/21 11:55	06/02/21 19:28	1
Perfluoroundecanoic acid (PFUnA)	1.67	U	1.67	0.29	ng/L		06/01/21 11:55	06/02/21 19:28	1
Perfluorododecanoic acid (PFDoA)	1.67	U	1.67	0.32	ng/L		06/01/21 11:55	06/02/21 19:28	1
Perfluorotridecanoic acid (PFTriA)	1.67	U	1.67	0.36	ng/L		06/01/21 11:55	06/02/21 19:28	1
Perfluorotetradecanoic acid (PFTeA)	1.67	U	1.67	0.53	ng/L		06/01/21 11:55	06/02/21 19:28	1
Perfluorobutanesulfonic acid (PFBS)	5.75	B	1.67	0.21	ng/L		06/01/21 11:55	06/02/21 19:28	1
Perfluorohexanesulfonic acid (PFHxS)	22.7	B	1.67	0.25	ng/L		06/01/21 11:55	06/02/21 19:28	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.78	B	1.67	0.20	ng/L		06/01/21 11:55	06/02/21 19:28	1
Perfluorodecanesulfonic acid (PFDS)	1.67	U	1.67	0.26	ng/L		06/01/21 11:55	06/02/21 19:28	1
Perfluorooctanesulfonic acid (PFOS)	80.7	B	1.67	0.24	ng/L		06/01/21 11:55	06/02/21 19:28	1
Perfluorooctanesulfonamide (FOSA)	1.67	U	1.67	0.48	ng/L		06/01/21 11:55	06/02/21 19:28	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-5

Lab Sample ID: 480-185032-1

Date Collected: 05/20/21 09:40

Matrix: Water

Date Received: 05/21/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.18	U	4.18	0.76	ng/L		06/01/21 11:55	06/02/21 19:28	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.04	J	4.18	0.62	ng/L		06/01/21 11:55	06/02/21 19:28	1
6:2 FTS	1.18	J	4.18	0.92	ng/L		06/01/21 11:55	06/02/21 19:28	1
8:2 FTS	1.67	U	1.67	0.33	ng/L		06/01/21 11:55	06/02/21 19:28	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	56		25 - 150				06/01/21 11:55	06/02/21 19:28	1
13C4 PFBA	34		25 - 150				06/01/21 11:55	06/02/21 19:28	1
13C5 PFPeA	63		25 - 150				06/01/21 11:55	06/02/21 19:28	1
13C2 PFHxA	80		50 - 150				06/01/21 11:55	06/02/21 19:28	1
13C4 PFHpA	92		50 - 150				06/01/21 11:55	06/02/21 19:28	1
13C4 PFOA	88		50 - 150				06/01/21 11:55	06/02/21 19:28	1
13C5 PFNA	78		50 - 150				06/01/21 11:55	06/02/21 19:28	1
13C2 PFDA	86		50 - 150				06/01/21 11:55	06/02/21 19:28	1
13C2 PFUnA	79		50 - 150				06/01/21 11:55	06/02/21 19:28	1
13C2 PFDoA	72		50 - 150				06/01/21 11:55	06/02/21 19:28	1
13C2 PFTeDA	68		50 - 150				06/01/21 11:55	06/02/21 19:28	1
13C3 PFBS	83		50 - 150				06/01/21 11:55	06/02/21 19:28	1
18O2 PFHxS	90		50 - 150				06/01/21 11:55	06/02/21 19:28	1
13C4 PFOS	68		50 - 150				06/01/21 11:55	06/02/21 19:28	1
d3-NMeFOSAA	88		50 - 150				06/01/21 11:55	06/02/21 19:28	1
d5-NEtFOSAA	87		50 - 150				06/01/21 11:55	06/02/21 19:28	1
M2-6:2 FTS	169	*	25 - 150				06/01/21 11:55	06/02/21 19:28	1
M2-8:2 FTS	104		25 - 150				06/01/21 11:55	06/02/21 19:28	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-11

Lab Sample ID: 480-185032-2

Date Collected: 05/20/21 08:40

Matrix: Water

Date Received: 05/21/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/26/21 13:45	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 13:45	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/26/21 13:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/26/21 13:45	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/26/21 13:45	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/26/21 13:45	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/26/21 13:45	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/26/21 13:45	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/26/21 13:45	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 13:45	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/26/21 13:45	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/26/21 13:45	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/26/21 13:45	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/26/21 13:45	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/26/21 13:45	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/26/21 13:45	1
Acetone	10	U	10	3.0	ug/L			05/26/21 13:45	1
Benzene	1.0	U	1.0	0.41	ug/L			05/26/21 13:45	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/26/21 13:45	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/26/21 13:45	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/26/21 13:45	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/26/21 13:45	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/26/21 13:45	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/26/21 13:45	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/26/21 13:45	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/26/21 13:45	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/26/21 13:45	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/26/21 13:45	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/26/21 13:45	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/26/21 13:45	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/26/21 13:45	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/26/21 13:45	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/26/21 13:45	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/26/21 13:45	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/26/21 13:45	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/26/21 13:45	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/26/21 13:45	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/26/21 13:45	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/26/21 13:45	1
Styrene	1.0	U	1.0	0.73	ug/L			05/26/21 13:45	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/26/21 13:45	1
Toluene	1.0	U	1.0	0.51	ug/L			05/26/21 13:45	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/26/21 13:45	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/26/21 13:45	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/26/21 13:45	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/26/21 13:45	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/26/21 13:45	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/26/21 13:45	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-11

Lab Sample ID: 480-185032-2

Date Collected: 05/20/21 08:40

Matrix: Water

Date Received: 05/21/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		05/26/21 13:45	1
1,2-Dichloroethane-d4 (Surr)	91		77 - 120		05/26/21 13:45	1
4-Bromofluorobenzene (Surr)	87		73 - 120		05/26/21 13:45	1
Dibromofluoromethane (Surr)	88		75 - 123		05/26/21 13:45	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.19	U	0.19	0.095	ug/L		05/24/21 08:42	05/26/21 23:35	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	30		15 - 110				05/24/21 08:42	05/26/21 23:35	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 12:11	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 12:11	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 12:11	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 12:11	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 12:11	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 12:11	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 12:11	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 12:11	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 12:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	84		39 - 121	05/27/21 14:46	05/28/21 12:11	1
Tetrachloro-m-xylene	82		39 - 121	05/27/21 14:46	05/28/21 12:11	1
DCB Decachlorobiphenyl	63		19 - 120	05/27/21 14:46	05/28/21 12:11	1
DCB Decachlorobiphenyl	57		19 - 120	05/27/21 14:46	05/28/21 12:11	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	4.56	B	4.52	0.81	ng/L		06/01/21 11:55	06/02/21 19:36	1
Perfluoropentanoic acid (PFPeA)	1.02	J	1.81	0.43	ng/L		06/01/21 11:55	06/02/21 19:36	1
Perfluorohexanoic acid (PFHxA)	1.12	J B	1.81	0.41	ng/L		06/01/21 11:55	06/02/21 19:36	1
Perfluoroheptanoic acid (PFHpA)	0.74	J B	1.81	0.22	ng/L		06/01/21 11:55	06/02/21 19:36	1
Perfluorooctanoic acid (PFOA)	1.60	J	1.81	0.38	ng/L		06/01/21 11:55	06/02/21 19:36	1
Perfluorononanoic acid (PFNA)	1.81	U	1.81	0.25	ng/L		06/01/21 11:55	06/02/21 19:36	1
Perfluorodecanoic acid (PFDA)	1.81	U	1.81	0.27	ng/L		06/01/21 11:55	06/02/21 19:36	1
Perfluoroundecanoic acid (PFUnA)	1.81	U	1.81	0.31	ng/L		06/01/21 11:55	06/02/21 19:36	1
Perfluorododecanoic acid (PFDoA)	1.81	U	1.81	0.35	ng/L		06/01/21 11:55	06/02/21 19:36	1
Perfluorotridecanoic acid (PFTriA)	1.81	U	1.81	0.39	ng/L		06/01/21 11:55	06/02/21 19:36	1
Perfluorotetradecanoic acid (PFTeA)	1.81	U	1.81	0.57	ng/L		06/01/21 11:55	06/02/21 19:36	1
Perfluorobutanesulfonic acid (PFBS)	0.71	J B	1.81	0.23	ng/L		06/01/21 11:55	06/02/21 19:36	1
Perfluorohexanesulfonic acid (PFHxS)	1.81	U	1.81	0.27	ng/L		06/01/21 11:55	06/02/21 19:36	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.81	U	1.81	0.21	ng/L		06/01/21 11:55	06/02/21 19:36	1
Perfluorodecanesulfonic acid (PFDS)	1.81	U	1.81	0.28	ng/L		06/01/21 11:55	06/02/21 19:36	1
Perfluorooctanesulfonic acid (PFOS)	0.45	J B	1.81	0.26	ng/L		06/01/21 11:55	06/02/21 19:36	1
Perfluorooctanesulfonamide (FOSA)	1.81	U	1.81	0.52	ng/L		06/01/21 11:55	06/02/21 19:36	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-11

Lab Sample ID: 480-185032-2

Date Collected: 05/20/21 08:40

Matrix: Water

Date Received: 05/21/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.52	U	4.52	0.82	ng/L		06/01/21 11:55	06/02/21 19:36	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.52	U	4.52	0.67	ng/L		06/01/21 11:55	06/02/21 19:36	1
6:2 FTS	4.52	U	4.52	0.99	ng/L		06/01/21 11:55	06/02/21 19:36	1
8:2 FTS	1.81	U	1.81	0.35	ng/L		06/01/21 11:55	06/02/21 19:36	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	80		25 - 150				06/01/21 11:55	06/02/21 19:36	1
13C4 PFBA	77		25 - 150				06/01/21 11:55	06/02/21 19:36	1
13C5 PFPeA	91		25 - 150				06/01/21 11:55	06/02/21 19:36	1
13C2 PFHxA	96		50 - 150				06/01/21 11:55	06/02/21 19:36	1
13C4 PFHpA	94		50 - 150				06/01/21 11:55	06/02/21 19:36	1
13C4 PFOA	99		50 - 150				06/01/21 11:55	06/02/21 19:36	1
13C5 PFNA	97		50 - 150				06/01/21 11:55	06/02/21 19:36	1
13C2 PFDA	98		50 - 150				06/01/21 11:55	06/02/21 19:36	1
13C2 PFUnA	95		50 - 150				06/01/21 11:55	06/02/21 19:36	1
13C2 PFDoA	84		50 - 150				06/01/21 11:55	06/02/21 19:36	1
13C2 PFTeDA	86		50 - 150				06/01/21 11:55	06/02/21 19:36	1
13C3 PFBS	86		50 - 150				06/01/21 11:55	06/02/21 19:36	1
18O2 PFHxS	86		50 - 150				06/01/21 11:55	06/02/21 19:36	1
13C4 PFOS	90		50 - 150				06/01/21 11:55	06/02/21 19:36	1
d3-NMeFOSAA	101		50 - 150				06/01/21 11:55	06/02/21 19:36	1
d5-NEtFOSAA	110		50 - 150				06/01/21 11:55	06/02/21 19:36	1
M2-6:2 FTS	100		25 - 150				06/01/21 11:55	06/02/21 19:36	1
M2-8:2 FTS	101		25 - 150				06/01/21 11:55	06/02/21 19:36	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	345		200	60.0	ug/L		05/26/21 17:25	05/27/21 20:08	1
Antimony	20.0	U	20.0	6.8	ug/L		05/26/21 17:25	05/27/21 20:08	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/26/21 17:25	05/27/21 20:08	1
Barium	52.6		2.0	0.70	ug/L		05/26/21 17:25	05/27/21 20:08	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/26/21 17:25	05/27/21 20:08	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/26/21 17:25	05/27/21 20:08	1
Calcium	64500		500	100	ug/L		05/26/21 17:25	05/27/21 20:08	1
Chromium	4.0	U	4.0	1.0	ug/L		05/26/21 17:25	05/27/21 20:08	1
Cobalt	4.0	U	4.0	0.63	ug/L		05/26/21 17:25	05/27/21 20:08	1
Copper	14.9		10.0	1.6	ug/L		05/26/21 17:25	05/27/21 20:08	1
Iron	260	B	50.0	19.3	ug/L		05/26/21 17:25	05/27/21 20:08	1
Lead	10.0	U	10.0	3.0	ug/L		05/26/21 17:25	05/27/21 20:08	1
Magnesium	15300		200	43.4	ug/L		05/26/21 17:25	05/27/21 20:08	1
Manganese	28.6	B	3.0	0.40	ug/L		05/26/21 17:25	05/27/21 20:08	1
Nickel	10.0	U	10.0	1.3	ug/L		05/26/21 17:25	05/27/21 20:08	1
Potassium	1520		500	100	ug/L		05/26/21 17:25	05/27/21 20:08	1
Selenium	25.0	U	25.0	8.7	ug/L		05/26/21 17:25	05/27/21 20:08	1
Silver	6.0	U	6.0	1.7	ug/L		05/26/21 17:25	05/27/21 20:08	1
Sodium	19400		1000	324	ug/L		05/26/21 17:25	05/27/21 20:08	1
Thallium	20.0	U	20.0	10.2	ug/L		05/26/21 17:25	05/27/21 20:08	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/26/21 17:25	05/27/21 20:08	1
Zinc	10.0	U	10.0	1.5	ug/L		05/26/21 17:25	05/27/21 20:08	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-11

Date Collected: 05/20/21 08:40

Date Received: 05/21/21 08:00

Lab Sample ID: 480-185032-2

Matrix: Water

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 17:57	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-16

Lab Sample ID: 480-185032-3

Date Collected: 05/20/21 09:30

Matrix: Water

Date Received: 05/21/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/26/21 14:08	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 14:08	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/26/21 14:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/26/21 14:08	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/26/21 14:08	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/26/21 14:08	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/26/21 14:08	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/26/21 14:08	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/26/21 14:08	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 14:08	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/26/21 14:08	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/26/21 14:08	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/26/21 14:08	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/26/21 14:08	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/26/21 14:08	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/26/21 14:08	1
Acetone	10	U	10	3.0	ug/L			05/26/21 14:08	1
Benzene	1.0	U	1.0	0.41	ug/L			05/26/21 14:08	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/26/21 14:08	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/26/21 14:08	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/26/21 14:08	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/26/21 14:08	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/26/21 14:08	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/26/21 14:08	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/26/21 14:08	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/26/21 14:08	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/26/21 14:08	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/26/21 14:08	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/26/21 14:08	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/26/21 14:08	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/26/21 14:08	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/26/21 14:08	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/26/21 14:08	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/26/21 14:08	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/26/21 14:08	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/26/21 14:08	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/26/21 14:08	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/26/21 14:08	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/26/21 14:08	1
Styrene	1.0	U	1.0	0.73	ug/L			05/26/21 14:08	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/26/21 14:08	1
Toluene	1.0	U	1.0	0.51	ug/L			05/26/21 14:08	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/26/21 14:08	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/26/21 14:08	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/26/21 14:08	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/26/21 14:08	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/26/21 14:08	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/26/21 14:08	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-16

Lab Sample ID: 480-185032-3

Date Collected: 05/20/21 09:30

Matrix: Water

Date Received: 05/21/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120		05/26/21 14:08	1
1,2-Dichloroethane-d4 (Surr)	87		77 - 120		05/26/21 14:08	1
4-Bromofluorobenzene (Surr)	87		73 - 120		05/26/21 14:08	1
Dibromofluoromethane (Surr)	83		75 - 123		05/26/21 14:08	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.84	B	0.19	0.095	ug/L		05/24/21 08:42	05/26/21 23:58	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	30		15 - 110				05/24/21 08:42	05/26/21 23:58	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 12:24	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 12:24	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 12:24	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 12:24	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 12:24	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 12:24	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 12:24	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 12:24	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 12:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	96		39 - 121	05/27/21 14:46	05/28/21 12:24	1
Tetrachloro-m-xylene	91		39 - 121	05/27/21 14:46	05/28/21 12:24	1
DCB Decachlorobiphenyl	85		19 - 120	05/27/21 14:46	05/28/21 12:24	1
DCB Decachlorobiphenyl	81		19 - 120	05/27/21 14:46	05/28/21 12:24	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	33.3	B	3.90	0.70	ng/L		06/01/21 11:55	06/02/21 19:44	1
Perfluoropentanoic acid (PFPeA)	134		1.56	0.37	ng/L		06/01/21 11:55	06/02/21 19:44	1
Perfluorohexanoic acid (PFHxA)	104	B	1.56	0.35	ng/L		06/01/21 11:55	06/02/21 19:44	1
Perfluoroheptanoic acid (PFHpA)	66.5	B	1.56	0.19	ng/L		06/01/21 11:55	06/02/21 19:44	1
Perfluorooctanoic acid (PFOA)	63.2		1.56	0.33	ng/L		06/01/21 11:55	06/02/21 19:44	1
Perfluorononanoic acid (PFNA)	1.86	B	1.56	0.22	ng/L		06/01/21 11:55	06/02/21 19:44	1
Perfluorodecanoic acid (PFDA)	1.56	U	1.56	0.24	ng/L		06/01/21 11:55	06/02/21 19:44	1
Perfluoroundecanoic acid (PFUnA)	1.56	U	1.56	0.27	ng/L		06/01/21 11:55	06/02/21 19:44	1
Perfluorododecanoic acid (PFDoA)	1.56	U	1.56	0.30	ng/L		06/01/21 11:55	06/02/21 19:44	1
Perfluorotridecanoic acid (PFTriA)	1.56	U	1.56	0.34	ng/L		06/01/21 11:55	06/02/21 19:44	1
Perfluorotetradecanoic acid (PFTeA)	1.56	U	1.56	0.49	ng/L		06/01/21 11:55	06/02/21 19:44	1
Perfluorobutanesulfonic acid (PFBS)	2.18	B	1.56	0.20	ng/L		06/01/21 11:55	06/02/21 19:44	1
Perfluorohexanesulfonic acid (PFHxS)	21.7	B	1.56	0.24	ng/L		06/01/21 11:55	06/02/21 19:44	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.33	J B	1.56	0.18	ng/L		06/01/21 11:55	06/02/21 19:44	1
Perfluorodecanesulfonic acid (PFDS)	1.56	U	1.56	0.24	ng/L		06/01/21 11:55	06/02/21 19:44	1
Perfluorooctanesulfonic acid (PFOS)	14.8	B	1.56	0.23	ng/L		06/01/21 11:55	06/02/21 19:44	1
Perfluorooctanesulfonamide (FOSA)	1.56	U	1.56	0.45	ng/L		06/01/21 11:55	06/02/21 19:44	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-16

Lab Sample ID: 480-185032-3

Date Collected: 05/20/21 09:30

Matrix: Water

Date Received: 05/21/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	3.90	U	3.90	0.71	ng/L		06/01/21 11:55	06/02/21 19:44	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	3.90	U	3.90	0.58	ng/L		06/01/21 11:55	06/02/21 19:44	1
8:2 FTS	2.11		1.56	0.30	ng/L		06/01/21 11:55	06/02/21 19:44	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	74		25 - 150				06/01/21 11:55	06/02/21 19:44	1
13C4 PFBA	66		25 - 150				06/01/21 11:55	06/02/21 19:44	1
13C5 PFPeA	85		25 - 150				06/01/21 11:55	06/02/21 19:44	1
13C2 PFHxA	88		50 - 150				06/01/21 11:55	06/02/21 19:44	1
13C4 PFHpA	95		50 - 150				06/01/21 11:55	06/02/21 19:44	1
13C4 PFOA	100		50 - 150				06/01/21 11:55	06/02/21 19:44	1
13C5 PFNA	101		50 - 150				06/01/21 11:55	06/02/21 19:44	1
13C2 PFDA	98		50 - 150				06/01/21 11:55	06/02/21 19:44	1
13C2 PFUnA	93		50 - 150				06/01/21 11:55	06/02/21 19:44	1
13C2 PFDoA	90		50 - 150				06/01/21 11:55	06/02/21 19:44	1
13C2 PFTeDA	90		50 - 150				06/01/21 11:55	06/02/21 19:44	1
13C3 PFBS	86		50 - 150				06/01/21 11:55	06/02/21 19:44	1
18O2 PFHxS	90		50 - 150				06/01/21 11:55	06/02/21 19:44	1
13C4 PFOS	91		50 - 150				06/01/21 11:55	06/02/21 19:44	1
d3-NMeFOSAA	107		50 - 150				06/01/21 11:55	06/02/21 19:44	1
d5-NEtFOSAA	107		50 - 150				06/01/21 11:55	06/02/21 19:44	1
M2-8:2 FTS	108		25 - 150				06/01/21 11:55	06/02/21 19:44	1

Method: 537 (modified) - Fluorinated Alkyl Substances - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 FTS	881		19.5	4.28	ng/L		06/01/21 11:55	06/03/21 14:04	5
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
M2-6:2 FTS	105		25 - 150				06/01/21 11:55	06/03/21 14:04	5

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	185	J	200	60.0	ug/L		05/26/21 17:25	05/27/21 20:23	1
Antimony	20.0	U	20.0	6.8	ug/L		05/26/21 17:25	05/27/21 20:23	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/26/21 17:25	05/27/21 20:23	1
Barium	69.6		2.0	0.70	ug/L		05/26/21 17:25	05/27/21 20:23	1
Beryllium	0.33	J	2.0	0.30	ug/L		05/26/21 17:25	05/27/21 20:23	1
Cadmium	0.57	J	2.0	0.50	ug/L		05/26/21 17:25	05/27/21 20:23	1
Calcium	122000		500	100	ug/L		05/26/21 17:25	05/27/21 20:23	1
Chromium	4.0	U	4.0	1.0	ug/L		05/26/21 17:25	05/27/21 20:23	1
Cobalt	3.0	J	4.0	0.63	ug/L		05/26/21 17:25	05/27/21 20:23	1
Copper	10.0	U	10.0	1.6	ug/L		05/26/21 17:25	05/27/21 20:23	1
Iron	172	B	50.0	19.3	ug/L		05/26/21 17:25	05/27/21 20:23	1
Lead	10.0	U	10.0	3.0	ug/L		05/26/21 17:25	05/27/21 20:23	1
Magnesium	68300		200	43.4	ug/L		05/26/21 17:25	05/27/21 20:23	1
Manganese	1990	B	3.0	0.40	ug/L		05/26/21 17:25	05/27/21 20:23	1
Nickel	6.6	J	10.0	1.3	ug/L		05/26/21 17:25	05/27/21 20:23	1
Potassium	1250		500	100	ug/L		05/26/21 17:25	05/27/21 20:23	1
Selenium	25.0	U	25.0	8.7	ug/L		05/26/21 17:25	05/27/21 20:23	1
Silver	6.0	U	6.0	1.7	ug/L		05/26/21 17:25	05/27/21 20:23	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-16

Lab Sample ID: 480-185032-3

Date Collected: 05/20/21 09:30

Matrix: Water

Date Received: 05/21/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	31700		1000	324	ug/L		05/26/21 17:25	05/27/21 20:23	1
Thallium	20.0	U	20.0	10.2	ug/L		05/26/21 17:25	05/27/21 20:23	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/26/21 17:25	05/27/21 20:23	1
Zinc	1.6	J	10.0	1.5	ug/L		05/26/21 17:25	05/27/21 20:23	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 17:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	681		10.0	4.0	mg/L			05/25/21 10:57	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	20.0		4.0	4.0	mg/L			05/22/21 16:47	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: Unnamed Pond-SW

Lab Sample ID: 480-185032-4

Date Collected: 05/20/21 11:10

Matrix: Water

Date Received: 05/21/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/26/21 14:30	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 14:30	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/26/21 14:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/26/21 14:30	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/26/21 14:30	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/26/21 14:30	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/26/21 14:30	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/26/21 14:30	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/26/21 14:30	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 14:30	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/26/21 14:30	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/26/21 14:30	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/26/21 14:30	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/26/21 14:30	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/26/21 14:30	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/26/21 14:30	1
Acetone	3.6	J	10	3.0	ug/L			05/26/21 14:30	1
Benzene	1.0	U	1.0	0.41	ug/L			05/26/21 14:30	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/26/21 14:30	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/26/21 14:30	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/26/21 14:30	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/26/21 14:30	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/26/21 14:30	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/26/21 14:30	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/26/21 14:30	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/26/21 14:30	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/26/21 14:30	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/26/21 14:30	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/26/21 14:30	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/26/21 14:30	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/26/21 14:30	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/26/21 14:30	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/26/21 14:30	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/26/21 14:30	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/26/21 14:30	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/26/21 14:30	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/26/21 14:30	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/26/21 14:30	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/26/21 14:30	1
Styrene	1.0	U	1.0	0.73	ug/L			05/26/21 14:30	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/26/21 14:30	1
Toluene	1.0	U	1.0	0.51	ug/L			05/26/21 14:30	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/26/21 14:30	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/26/21 14:30	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/26/21 14:30	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/26/21 14:30	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/26/21 14:30	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/26/21 14:30	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: Unnamed Pond-SW

Lab Sample ID: 480-185032-4

Date Collected: 05/20/21 11:10

Matrix: Water

Date Received: 05/21/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		05/26/21 14:30	1
1,2-Dichloroethane-d4 (Surr)	96		77 - 120		05/26/21 14:30	1
4-Bromofluorobenzene (Surr)	85		73 - 120		05/26/21 14:30	1
Dibromofluoromethane (Surr)	92		75 - 123		05/26/21 14:30	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	10	E B	0.95	0.48	ug/L		05/24/21 08:42	05/27/21 00:22	5
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	30		15 - 110				05/24/21 08:42	05/27/21 00:22	5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 12:36	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 12:36	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 12:36	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 12:36	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 12:36	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 12:36	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 12:36	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 12:36	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 12:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	92		39 - 121	05/27/21 14:46	05/28/21 12:36	1
Tetrachloro-m-xylene	89		39 - 121	05/27/21 14:46	05/28/21 12:36	1
DCB Decachlorobiphenyl	48		19 - 120	05/27/21 14:46	05/28/21 12:36	1
DCB Decachlorobiphenyl	45		19 - 120	05/27/21 14:46	05/28/21 12:36	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	16.8	B	4.08	0.73	ng/L		06/01/21 11:55	06/02/21 19:52	1
Perfluoropentanoic acid (PFPeA)	23.7		1.63	0.39	ng/L		06/01/21 11:55	06/02/21 19:52	1
Perfluorohexanoic acid (PFHxA)	40.0	B	1.63	0.37	ng/L		06/01/21 11:55	06/02/21 19:52	1
Perfluoroheptanoic acid (PFHpA)	19.7	B	1.63	0.19	ng/L		06/01/21 11:55	06/02/21 19:52	1
Perfluorooctanoic acid (PFOA)	87.9		1.63	0.35	ng/L		06/01/21 11:55	06/02/21 19:52	1
Perfluorononanoic acid (PFNA)	0.74	J B	1.63	0.23	ng/L		06/01/21 11:55	06/02/21 19:52	1
Perfluorodecanoic acid (PFDA)	1.63	U	1.63	0.25	ng/L		06/01/21 11:55	06/02/21 19:52	1
Perfluoroundecanoic acid (PFUnA)	1.63	U	1.63	0.28	ng/L		06/01/21 11:55	06/02/21 19:52	1
Perfluorododecanoic acid (PFDoA)	1.63	U	1.63	0.31	ng/L		06/01/21 11:55	06/02/21 19:52	1
Perfluorotridecanoic acid (PFTriA)	1.63	U	1.63	0.35	ng/L		06/01/21 11:55	06/02/21 19:52	1
Perfluorotetradecanoic acid (PFTeA)	1.63	U	1.63	0.52	ng/L		06/01/21 11:55	06/02/21 19:52	1
Perfluorobutanesulfonic acid (PFBS)	2.95	B	1.63	0.20	ng/L		06/01/21 11:55	06/02/21 19:52	1
Perfluorohexanesulfonic acid (PFHxS)	7.95	B	1.63	0.25	ng/L		06/01/21 11:55	06/02/21 19:52	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.63	J B	1.63	0.19	ng/L		06/01/21 11:55	06/02/21 19:52	1
Perfluorodecanesulfonic acid (PFDS)	1.63	U	1.63	0.25	ng/L		06/01/21 11:55	06/02/21 19:52	1
Perfluorooctanesulfonic acid (PFOS)	28.7	B	1.63	0.24	ng/L		06/01/21 11:55	06/02/21 19:52	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: Unnamed Pond-SW

Lab Sample ID: 480-185032-4

Date Collected: 05/20/21 11:10

Matrix: Water

Date Received: 05/21/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonamide (FOSA)	0.58	J	1.63	0.47	ng/L		06/01/21 11:55	06/02/21 19:52	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.08	U	4.08	0.74	ng/L		06/01/21 11:55	06/02/21 19:52	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	8.16		4.08	0.61	ng/L		06/01/21 11:55	06/02/21 19:52	1
6:2 FTS	2.08	J	4.08	0.90	ng/L		06/01/21 11:55	06/02/21 19:52	1
8:2 FTS	1.63	U	1.63	0.32	ng/L		06/01/21 11:55	06/02/21 19:52	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	65		25 - 150				06/01/21 11:55	06/02/21 19:52	1
13C4 PFBA	50		25 - 150				06/01/21 11:55	06/02/21 19:52	1
13C5 PFPeA	71		25 - 150				06/01/21 11:55	06/02/21 19:52	1
13C2 PFHxA	87		50 - 150				06/01/21 11:55	06/02/21 19:52	1
13C4 PFHpA	91		50 - 150				06/01/21 11:55	06/02/21 19:52	1
13C4 PFOA	103		50 - 150				06/01/21 11:55	06/02/21 19:52	1
13C5 PFNA	103		50 - 150				06/01/21 11:55	06/02/21 19:52	1
13C2 PFDA	102		50 - 150				06/01/21 11:55	06/02/21 19:52	1
13C2 PFUnA	98		50 - 150				06/01/21 11:55	06/02/21 19:52	1
13C2 PFDoA	87		50 - 150				06/01/21 11:55	06/02/21 19:52	1
13C2 PFTeDA	54		50 - 150				06/01/21 11:55	06/02/21 19:52	1
13C3 PFBS	77		50 - 150				06/01/21 11:55	06/02/21 19:52	1
18O2 PFHxS	90		50 - 150				06/01/21 11:55	06/02/21 19:52	1
13C4 PFOS	91		50 - 150				06/01/21 11:55	06/02/21 19:52	1
d3-NMeFOSAA	111		50 - 150				06/01/21 11:55	06/02/21 19:52	1
d5-NEtFOSAA	111		50 - 150				06/01/21 11:55	06/02/21 19:52	1
M2-6:2 FTS	112		25 - 150				06/01/21 11:55	06/02/21 19:52	1
M2-8:2 FTS	106		25 - 150				06/01/21 11:55	06/02/21 19:52	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	74.9	J	200	60.0	ug/L		05/26/21 17:25	05/27/21 20:26	1
Antimony	20.0	U	20.0	6.8	ug/L		05/26/21 17:25	05/27/21 20:26	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/26/21 17:25	05/27/21 20:26	1
Barium	29.7		2.0	0.70	ug/L		05/26/21 17:25	05/27/21 20:26	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/26/21 17:25	05/27/21 20:26	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/26/21 17:25	05/27/21 20:26	1
Calcium	52100		500	100	ug/L		05/26/21 17:25	05/27/21 20:26	1
Chromium	4.0	U	4.0	1.0	ug/L		05/26/21 17:25	05/27/21 20:26	1
Cobalt	4.0	U	4.0	0.63	ug/L		05/26/21 17:25	05/27/21 20:26	1
Copper	10.0	U	10.0	1.6	ug/L		05/26/21 17:25	05/27/21 20:26	1
Iron	2590	B	50.0	19.3	ug/L		05/26/21 17:25	05/27/21 20:26	1
Lead	10.0	U	10.0	3.0	ug/L		05/26/21 17:25	05/27/21 20:26	1
Magnesium	21700		200	43.4	ug/L		05/26/21 17:25	05/27/21 20:26	1
Manganese	133	B	3.0	0.40	ug/L		05/26/21 17:25	05/27/21 20:26	1
Nickel	4.0	J	10.0	1.3	ug/L		05/26/21 17:25	05/27/21 20:26	1
Potassium	3720		500	100	ug/L		05/26/21 17:25	05/27/21 20:26	1
Selenium	25.0	U	25.0	8.7	ug/L		05/26/21 17:25	05/27/21 20:26	1
Silver	6.0	U	6.0	1.7	ug/L		05/26/21 17:25	05/27/21 20:26	1
Sodium	50400		1000	324	ug/L		05/26/21 17:25	05/27/21 20:26	1
Thallium	20.0	U	20.0	10.2	ug/L		05/26/21 17:25	05/27/21 20:26	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: Unnamed Pond-SW

Lab Sample ID: 480-185032-4

Date Collected: 05/20/21 11:10

Matrix: Water

Date Received: 05/21/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	5.0	U	5.0	1.5	ug/L		05/26/21 17:25	05/27/21 20:26	1
Zinc	1.5	J	10.0	1.5	ug/L		05/26/21 17:25	05/27/21 20:26	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 17:59	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: Unnamed Pond-SED

Lab Sample ID: 480-185032-5

Date Collected: 05/20/21 11:20

Matrix: Solid

Date Received: 05/21/21 08:00

Percent Solids: 56.8

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	8.5	U	8.5	0.62	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
1,1,2,2-Tetrachloroethane	8.5	U	8.5	1.4	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
1,1,2-Trichloroethane	8.5	U	8.5	1.1	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	8.5	U	8.5	1.9	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
1,1-Dichloroethane	8.5	U	8.5	1.0	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
1,1-Dichloroethene	8.5	U	8.5	1.0	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
1,2,4-Trichlorobenzene	8.5	U	8.5	0.52	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
1,2-Dibromo-3-Chloropropane	8.5	U	8.5	4.3	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
1,2-Dichlorobenzene	8.5	U	8.5	0.67	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
1,2-Dichloroethane	8.5	U	8.5	0.43	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
1,2-Dichloropropane	8.5	U	8.5	4.3	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
1,3-Dichlorobenzene	8.5	U	8.5	0.44	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
1,4-Dichlorobenzene	8.5	U	8.5	1.2	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
2-Butanone (MEK)	43	U	43	3.1	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
2-Hexanone	43	U	43	4.3	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
4-Methyl-2-pentanone (MIBK)	43	U	43	2.8	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
Acetone	24	J	43	7.2	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
Benzene	8.5	U	8.5	0.42	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
Bromodichloromethane	8.5	U	8.5	1.1	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
Bromoform	8.5	U	8.5	4.3	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
Bromomethane	8.5	U	8.5	0.77	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
Carbon disulfide	8.5	U	8.5	4.3	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
Carbon tetrachloride	8.5	U	8.5	0.82	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
Chlorobenzene	8.5	U	8.5	1.1	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
Dibromochloromethane	8.5	U	8.5	1.1	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
Chloroethane	8.5	U	8.5	1.9	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
Chloroform	8.5	U	8.5	0.53	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
Chloromethane	8.5	U	8.5	0.51	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
cis-1,2-Dichloroethene	8.5	U	8.5	1.1	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
cis-1,3-Dichloropropene	8.5	U	8.5	1.2	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
Cyclohexane	8.5	U	8.5	1.2	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
Dichlorodifluoromethane	8.5	U	8.5	0.70	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
Ethylbenzene	8.5	U	8.5	0.59	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
1,2-Dibromoethane	8.5	U	8.5	1.1	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
Isopropylbenzene	8.5	U	8.5	1.3	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
Methyl acetate	43	U	43	5.1	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
Methyl tert-butyl ether	8.5	U	8.5	0.84	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
Methylcyclohexane	8.5	U	8.5	1.3	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
Methylene Chloride	8.5	U	8.5	3.9	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
Styrene	8.5	U	8.5	0.43	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
Tetrachloroethene	8.5	U	8.5	1.1	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
Toluene	8.5	U	8.5	0.64	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
trans-1,2-Dichloroethene	8.5	U	8.5	0.88	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
trans-1,3-Dichloropropene	8.5	U	8.5	3.7	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
Trichloroethene	8.5	U	8.5	1.9	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
Trichlorofluoromethane	8.5	U	8.5	0.80	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
Vinyl chloride	8.5	U	8.5	1.0	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1
Xylenes, Total	17	U	17	1.4	ug/Kg	✱	05/24/21 16:47	05/25/21 03:19	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: Unnamed Pond-SED

Lab Sample ID: 480-185032-5

Date Collected: 05/20/21 11:20

Matrix: Solid

Date Received: 05/21/21 08:00

Percent Solids: 56.8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		71 - 125	05/24/21 16:47	05/25/21 03:19	1
1,2-Dichloroethane-d4 (Surr)	105		64 - 126	05/24/21 16:47	05/25/21 03:19	1
4-Bromofluorobenzene (Surr)	92		72 - 126	05/24/21 16:47	05/25/21 03:19	1
Dibromofluoromethane (Surr)	100		60 - 140	05/24/21 16:47	05/25/21 03:19	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.33	U	0.33	0.065	mg/Kg	✱	05/26/21 07:34	05/27/21 01:14	1
PCB-1221	0.33	U	0.33	0.065	mg/Kg	✱	05/26/21 07:34	05/27/21 01:14	1
PCB-1232	0.33	U	0.33	0.065	mg/Kg	✱	05/26/21 07:34	05/27/21 01:14	1
PCB-1242	0.33	U	0.33	0.065	mg/Kg	✱	05/26/21 07:34	05/27/21 01:14	1
PCB-1248	0.33	U	0.33	0.065	mg/Kg	✱	05/26/21 07:34	05/27/21 01:14	1
PCB-1254	0.33	U	0.33	0.16	mg/Kg	✱	05/26/21 07:34	05/27/21 01:14	1
PCB-1260	0.33	U	0.33	0.16	mg/Kg	✱	05/26/21 07:34	05/27/21 01:14	1
PCB-1262	0.33	U	0.33	0.16	mg/Kg	✱	05/26/21 07:34	05/27/21 01:14	1
PCB-1268	0.33	U	0.33	0.16	mg/Kg	✱	05/26/21 07:34	05/27/21 01:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	108		60 - 154	05/26/21 07:34	05/27/21 01:14	1
Tetrachloro-m-xylene	103		60 - 154	05/26/21 07:34	05/27/21 01:14	1
DCB Decachlorobiphenyl	86		65 - 174	05/26/21 07:34	05/27/21 01:14	1
DCB Decachlorobiphenyl	83		65 - 174	05/26/21 07:34	05/27/21 01:14	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.41	J	0.88	0.28	ug/Kg	✱	06/01/21 08:22	06/03/21 02:47	1
Perfluoropentanoic acid (PFPeA)	0.11	J	0.35	0.068	ug/Kg	✱	06/01/21 08:22	06/03/21 02:47	1
Perfluorohexanoic acid (PFHxA)	0.19	J	0.35	0.039	ug/Kg	✱	06/01/21 08:22	06/03/21 02:47	1
Perfluoroheptanoic acid (PFHpA)	0.064	J	0.35	0.035	ug/Kg	✱	06/01/21 08:22	06/03/21 02:47	1
Perfluorooctanoic acid (PFOA)	0.37		0.35	0.044	ug/Kg	✱	06/01/21 08:22	06/03/21 02:47	1
Perfluorononanoic acid (PFNA)	0.35	U	0.35	0.032	ug/Kg	✱	06/01/21 08:22	06/03/21 02:47	1
Perfluorodecanoic acid (PFDA)	0.024	J	0.35	0.021	ug/Kg	✱	06/01/21 08:22	06/03/21 02:47	1
Perfluoroundecanoic acid (PFUnA)	0.040	J	0.35	0.035	ug/Kg	✱	06/01/21 08:22	06/03/21 02:47	1
Perfluorododecanoic acid (PFDoA)	0.039	J	0.35	0.037	ug/Kg	✱	06/01/21 08:22	06/03/21 02:47	1
Perfluorotridecanoic acid (PFTriA)	0.032	J	0.35	0.026	ug/Kg	✱	06/01/21 08:22	06/03/21 02:47	1
Perfluorotetradecanoic acid (PFTeA)	0.35	U	0.35	0.040	ug/Kg	✱	06/01/21 08:22	06/03/21 02:47	1
Perfluorobutanesulfonic acid (PFBS)	0.048	J B	0.35	0.016	ug/Kg	✱	06/01/21 08:22	06/03/21 02:47	1
Perfluorohexanesulfonic acid (PFHxS)	0.12	J	0.35	0.025	ug/Kg	✱	06/01/21 08:22	06/03/21 02:47	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.35	U	0.35	0.026	ug/Kg	✱	06/01/21 08:22	06/03/21 02:47	1
Perfluorooctanesulfonic acid (PFOS)	1.68		0.35	0.028	ug/Kg	✱	06/01/21 08:22	06/03/21 02:47	1
Perfluorodecanesulfonic acid (PFDS)	0.35	U	0.35	0.021	ug/Kg	✱	06/01/21 08:22	06/03/21 02:47	1
Perfluorooctanesulfonamide (PFOSA)	0.14	J	0.35	0.030	ug/Kg	✱	06/01/21 08:22	06/03/21 02:47	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.074	J	3.51	0.065	ug/Kg	✱	06/01/21 08:22	06/03/21 02:47	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.38	J	3.51	0.081	ug/Kg	✱	06/01/21 08:22	06/03/21 02:47	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: Unnamed Pond-SED

Lab Sample ID: 480-185032-5

Date Collected: 05/20/21 11:20

Matrix: Solid

Date Received: 05/21/21 08:00

Percent Solids: 56.8

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	3.51	U	3.51	0.054	ug/Kg	☆	06/01/21 08:22	06/03/21 02:47	1
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	3.51	U	3.51	0.028	ug/Kg	☆	06/01/21 08:22	06/03/21 02:47	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	72		50 - 150				06/01/21 08:22	06/03/21 02:47	1
13C4 PFHpA	79		50 - 150				06/01/21 08:22	06/03/21 02:47	1
13C4 PFOA	84		50 - 150				06/01/21 08:22	06/03/21 02:47	1
13C4 PFOS	79		50 - 150				06/01/21 08:22	06/03/21 02:47	1
13C5 PFNA	88		50 - 150				06/01/21 08:22	06/03/21 02:47	1
13C4 PFBA	77		25 - 150				06/01/21 08:22	06/03/21 02:47	1
13C2 PFHxA	85		50 - 150				06/01/21 08:22	06/03/21 02:47	1
13C2 PFDA	89		50 - 150				06/01/21 08:22	06/03/21 02:47	1
13C2 PFUnA	88		50 - 150				06/01/21 08:22	06/03/21 02:47	1
13C2 PFDoA	85		50 - 150				06/01/21 08:22	06/03/21 02:47	1
13C8 FOSA	62		25 - 150				06/01/21 08:22	06/03/21 02:47	1
13C5 PFPeA	90		25 - 150				06/01/21 08:22	06/03/21 02:47	1
13C2 PFTeDA	80		50 - 150				06/01/21 08:22	06/03/21 02:47	1
d3-NMeFOSAA	90		50 - 150				06/01/21 08:22	06/03/21 02:47	1
d5-NEtFOSAA	92		50 - 150				06/01/21 08:22	06/03/21 02:47	1
M2-6:2 FTS	96		25 - 150				06/01/21 08:22	06/03/21 02:47	1
M2-8:2 FTS	119		25 - 150				06/01/21 08:22	06/03/21 02:47	1
13C3 PFBS	76		50 - 150				06/01/21 08:22	06/03/21 02:47	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5230		17.6	7.7	mg/Kg	☆	05/24/21 17:54	05/26/21 01:03	1
Antimony	26.4	U	26.4	0.70	mg/Kg	☆	05/24/21 17:54	05/26/21 01:03	1
Arsenic	1.3	J	3.5	0.70	mg/Kg	☆	05/24/21 17:54	05/26/21 01:03	1
Barium	24.6		0.88	0.19	mg/Kg	☆	05/24/21 17:54	05/26/21 01:03	1
Beryllium	0.21	J	0.35	0.049	mg/Kg	☆	05/24/21 17:54	05/26/21 01:03	1
Cadmium	0.055	J	0.35	0.053	mg/Kg	☆	05/24/21 17:54	05/26/21 01:03	1
Calcium	7230		88.0	5.8	mg/Kg	☆	05/24/21 17:54	05/26/21 01:03	1
Chromium	5.8		0.88	0.35	mg/Kg	☆	05/24/21 17:54	05/26/21 01:03	1
Cobalt	2.8		0.88	0.088	mg/Kg	☆	05/24/21 17:54	05/26/21 01:03	1
Copper	2.0		1.8	0.37	mg/Kg	☆	05/24/21 17:54	05/26/21 01:03	1
Iron	10600		17.6	6.2	mg/Kg	☆	05/24/21 17:54	05/26/21 01:03	1
Lead	3.7		1.8	0.42	mg/Kg	☆	05/24/21 17:54	05/26/21 01:03	1
Magnesium	1020		35.2	1.6	mg/Kg	☆	05/24/21 17:54	05/26/21 01:03	1
Manganese	92.0	B	0.35	0.056	mg/Kg	☆	05/24/21 17:54	05/26/21 01:03	1
Nickel	3.0	J	8.8	0.40	mg/Kg	☆	05/24/21 17:54	05/26/21 01:03	1
Potassium	382		52.8	35.2	mg/Kg	☆	05/24/21 17:54	05/26/21 01:03	1
Selenium	7.0	U	7.0	0.70	mg/Kg	☆	05/24/21 17:54	05/26/21 01:03	1
Silver	1.1	U	1.1	0.35	mg/Kg	☆	05/24/21 17:54	05/26/21 01:03	1
Sodium	260	B	246	22.9	mg/Kg	☆	05/24/21 17:54	05/26/21 01:03	1
Thallium	10.6	U	10.6	0.53	mg/Kg	☆	05/24/21 17:54	05/26/21 01:03	1
Vanadium	15.4		0.88	0.19	mg/Kg	☆	05/24/21 17:54	05/26/21 01:03	1
Zinc	12.7		3.5	1.1	mg/Kg	☆	05/24/21 17:54	05/26/21 01:03	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: Unnamed Pond-SED

Lab Sample ID: 480-185032-5

Date Collected: 05/20/21 11:20

Matrix: Solid

Date Received: 05/21/21 08:00

Percent Solids: 56.8

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032	U	0.032	0.013	mg/Kg	☼	05/26/21 15:55	05/26/21 19:25	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: GFFC-1-SW

Lab Sample ID: 480-185032-6

Date Collected: 05/20/21 12:10

Matrix: Water

Date Received: 05/21/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/26/21 14:52	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 14:52	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/26/21 14:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/26/21 14:52	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/26/21 14:52	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/26/21 14:52	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/26/21 14:52	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/26/21 14:52	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/26/21 14:52	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 14:52	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/26/21 14:52	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/26/21 14:52	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/26/21 14:52	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/26/21 14:52	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/26/21 14:52	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/26/21 14:52	1
Acetone	10	U	10	3.0	ug/L			05/26/21 14:52	1
Benzene	1.0	U	1.0	0.41	ug/L			05/26/21 14:52	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/26/21 14:52	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/26/21 14:52	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/26/21 14:52	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/26/21 14:52	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/26/21 14:52	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/26/21 14:52	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/26/21 14:52	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/26/21 14:52	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/26/21 14:52	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/26/21 14:52	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/26/21 14:52	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/26/21 14:52	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/26/21 14:52	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/26/21 14:52	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/26/21 14:52	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/26/21 14:52	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/26/21 14:52	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/26/21 14:52	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/26/21 14:52	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/26/21 14:52	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/26/21 14:52	1
Styrene	1.0	U	1.0	0.73	ug/L			05/26/21 14:52	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/26/21 14:52	1
Toluene	1.0	U	1.0	0.51	ug/L			05/26/21 14:52	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/26/21 14:52	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/26/21 14:52	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/26/21 14:52	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/26/21 14:52	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/26/21 14:52	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/26/21 14:52	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: GFFC-1-SW

Lab Sample ID: 480-185032-6

Date Collected: 05/20/21 12:10

Matrix: Water

Date Received: 05/21/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		05/26/21 14:52	1
1,2-Dichloroethane-d4 (Surr)	92		77 - 120		05/26/21 14:52	1
4-Bromofluorobenzene (Surr)	86		73 - 120		05/26/21 14:52	1
Dibromofluoromethane (Surr)	85		75 - 123		05/26/21 14:52	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.95	U	0.95	0.48	ug/L		05/24/21 08:42	05/27/21 00:46	5
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	32		15 - 110				05/24/21 08:42	05/27/21 00:46	5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 12:49	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 12:49	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 12:49	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 12:49	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 12:49	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 12:49	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 12:49	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 12:49	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 12:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	100		39 - 121	05/27/21 14:46	05/28/21 12:49	1
Tetrachloro-m-xylene	97		39 - 121	05/27/21 14:46	05/28/21 12:49	1
DCB Decachlorobiphenyl	59		19 - 120	05/27/21 14:46	05/28/21 12:49	1
DCB Decachlorobiphenyl	57		19 - 120	05/27/21 14:46	05/28/21 12:49	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	1.28	J B	4.31	0.77	ng/L		06/01/21 11:55	06/02/21 20:01	1
Perfluoropentanoic acid (PFPeA)	0.53	J	1.73	0.41	ng/L		06/01/21 11:55	06/02/21 20:01	1
Perfluorohexanoic acid (PFHxA)	0.61	J B	1.73	0.39	ng/L		06/01/21 11:55	06/02/21 20:01	1
Perfluoroheptanoic acid (PFHpA)	0.42	J B	1.73	0.21	ng/L		06/01/21 11:55	06/02/21 20:01	1
Perfluorooctanoic acid (PFOA)	0.96	J	1.73	0.37	ng/L		06/01/21 11:55	06/02/21 20:01	1
Perfluorononanoic acid (PFNA)	1.73	U	1.73	0.24	ng/L		06/01/21 11:55	06/02/21 20:01	1
Perfluorodecanoic acid (PFDA)	1.73	U	1.73	0.26	ng/L		06/01/21 11:55	06/02/21 20:01	1
Perfluoroundecanoic acid (PFUnA)	1.73	U	1.73	0.30	ng/L		06/01/21 11:55	06/02/21 20:01	1
Perfluorododecanoic acid (PFDoA)	1.73	U	1.73	0.33	ng/L		06/01/21 11:55	06/02/21 20:01	1
Perfluorotridecanoic acid (PFTriA)	1.73	U	1.73	0.37	ng/L		06/01/21 11:55	06/02/21 20:01	1
Perfluorotetradecanoic acid (PFTeA)	1.73	U	1.73	0.55	ng/L		06/01/21 11:55	06/02/21 20:01	1
Perfluorobutanesulfonic acid (PFBS)	0.42	J B	1.73	0.22	ng/L		06/01/21 11:55	06/02/21 20:01	1
Perfluorohexanesulfonic acid (PFHxS)	0.40	J B	1.73	0.26	ng/L		06/01/21 11:55	06/02/21 20:01	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.73	U	1.73	0.20	ng/L		06/01/21 11:55	06/02/21 20:01	1
Perfluorodecanesulfonic acid (PFDS)	1.73	U	1.73	0.26	ng/L		06/01/21 11:55	06/02/21 20:01	1
Perfluorooctanesulfonic acid (PFOS)	0.64	J B	1.73	0.25	ng/L		06/01/21 11:55	06/02/21 20:01	1
Perfluorooctanesulfonamide (FOSA)	1.73	U	1.73	0.50	ng/L		06/01/21 11:55	06/02/21 20:01	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: GFFC-1-SW

Lab Sample ID: 480-185032-6

Date Collected: 05/20/21 12:10

Matrix: Water

Date Received: 05/21/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.31	U	4.31	0.78	ng/L		06/01/21 11:55	06/02/21 20:01	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.31	U	4.31	0.64	ng/L		06/01/21 11:55	06/02/21 20:01	1
6:2 FTS	4.31	U	4.31	0.95	ng/L		06/01/21 11:55	06/02/21 20:01	1
8:2 FTS	1.73	U	1.73	0.34	ng/L		06/01/21 11:55	06/02/21 20:01	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	72		25 - 150				06/01/21 11:55	06/02/21 20:01	1
13C4 PFBA	85		25 - 150				06/01/21 11:55	06/02/21 20:01	1
13C5 PFPeA	89		25 - 150				06/01/21 11:55	06/02/21 20:01	1
13C2 PFHxA	97		50 - 150				06/01/21 11:55	06/02/21 20:01	1
13C4 PFHpA	98		50 - 150				06/01/21 11:55	06/02/21 20:01	1
13C4 PFOA	97		50 - 150				06/01/21 11:55	06/02/21 20:01	1
13C5 PFNA	97		50 - 150				06/01/21 11:55	06/02/21 20:01	1
13C2 PFDA	97		50 - 150				06/01/21 11:55	06/02/21 20:01	1
13C2 PFUnA	93		50 - 150				06/01/21 11:55	06/02/21 20:01	1
13C2 PFDoA	80		50 - 150				06/01/21 11:55	06/02/21 20:01	1
13C2 PFTeDA	76		50 - 150				06/01/21 11:55	06/02/21 20:01	1
13C3 PFBS	88		50 - 150				06/01/21 11:55	06/02/21 20:01	1
18O2 PFHxS	89		50 - 150				06/01/21 11:55	06/02/21 20:01	1
13C4 PFOS	89		50 - 150				06/01/21 11:55	06/02/21 20:01	1
d3-NMeFOSAA	102		50 - 150				06/01/21 11:55	06/02/21 20:01	1
d5-NEtFOSAA	101		50 - 150				06/01/21 11:55	06/02/21 20:01	1
M2-6:2 FTS	92		25 - 150				06/01/21 11:55	06/02/21 20:01	1
M2-8:2 FTS	102		25 - 150				06/01/21 11:55	06/02/21 20:01	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	147	J	200	60.0	ug/L		05/26/21 17:25	05/27/21 20:30	1
Antimony	20.0	U	20.0	6.8	ug/L		05/26/21 17:25	05/27/21 20:30	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/26/21 17:25	05/27/21 20:30	1
Barium	7.8		2.0	0.70	ug/L		05/26/21 17:25	05/27/21 20:30	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/26/21 17:25	05/27/21 20:30	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/26/21 17:25	05/27/21 20:30	1
Calcium	8990		500	100	ug/L		05/26/21 17:25	05/27/21 20:30	1
Chromium	4.0	U	4.0	1.0	ug/L		05/26/21 17:25	05/27/21 20:30	1
Cobalt	4.0	U	4.0	0.63	ug/L		05/26/21 17:25	05/27/21 20:30	1
Copper	10.0	U	10.0	1.6	ug/L		05/26/21 17:25	05/27/21 20:30	1
Iron	248	B	50.0	19.3	ug/L		05/26/21 17:25	05/27/21 20:30	1
Lead	10.0	U	10.0	3.0	ug/L		05/26/21 17:25	05/27/21 20:30	1
Magnesium	1540		200	43.4	ug/L		05/26/21 17:25	05/27/21 20:30	1
Manganese	21.3	B	3.0	0.40	ug/L		05/26/21 17:25	05/27/21 20:30	1
Nickel	10.0	U	10.0	1.3	ug/L		05/26/21 17:25	05/27/21 20:30	1
Potassium	359	J	500	100	ug/L		05/26/21 17:25	05/27/21 20:30	1
Selenium	25.0	U	25.0	8.7	ug/L		05/26/21 17:25	05/27/21 20:30	1
Silver	6.0	U	6.0	1.7	ug/L		05/26/21 17:25	05/27/21 20:30	1
Sodium	9400		1000	324	ug/L		05/26/21 17:25	05/27/21 20:30	1
Thallium	20.0	U	20.0	10.2	ug/L		05/26/21 17:25	05/27/21 20:30	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/26/21 17:25	05/27/21 20:30	1
Zinc	3.4	J	10.0	1.5	ug/L		05/26/21 17:25	05/27/21 20:30	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: GFFC-1-SW

Lab Sample ID: 480-185032-6

Date Collected: 05/20/21 12:10

Matrix: Water

Date Received: 05/21/21 08:00

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 18:01	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: GFFC-1-SED

Lab Sample ID: 480-185032-7

Date Collected: 05/20/21 12:20

Matrix: Solid

Date Received: 05/21/21 08:00

Percent Solids: 59.4

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	8.3	U	8.3	0.60	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
1,1,2,2-Tetrachloroethane	8.3	U	8.3	1.3	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
1,1,2-Trichloroethane	8.3	U	8.3	1.1	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	8.3	U	8.3	1.9	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
1,1-Dichloroethane	8.3	U	8.3	1.0	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
1,1-Dichloroethene	8.3	U	8.3	1.0	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
1,2,4-Trichlorobenzene	8.3	U	8.3	0.51	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
1,2-Dibromo-3-Chloropropane	8.3	U	8.3	4.2	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
1,2-Dichlorobenzene	8.3	U	8.3	0.65	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
1,2-Dichloroethane	8.3	U	8.3	0.42	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
1,2-Dichloropropane	8.3	U	8.3	4.2	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
1,3-Dichlorobenzene	8.3	U	8.3	0.43	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
1,4-Dichlorobenzene	8.3	U	8.3	1.2	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
2-Butanone (MEK)	42	U	42	3.0	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
2-Hexanone	42	U	42	4.2	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
4-Methyl-2-pentanone (MIBK)	42	U	42	2.7	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
Acetone	28	J	42	7.0	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
Benzene	8.3	U	8.3	0.41	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
Bromodichloromethane	8.3	U	8.3	1.1	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
Bromoform	8.3	U	8.3	4.2	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
Bromomethane	8.3	U	8.3	0.75	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
Carbon disulfide	8.3	U	8.3	4.2	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
Carbon tetrachloride	8.3	U	8.3	0.81	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
Chlorobenzene	8.3	U	8.3	1.1	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
Dibromochloromethane	8.3	U	8.3	1.1	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
Chloroethane	8.3	U	8.3	1.9	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
Chloroform	8.3	U	8.3	0.51	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
Chloromethane	8.3	U	8.3	0.50	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
cis-1,2-Dichloroethene	8.3	U	8.3	1.1	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
cis-1,3-Dichloropropene	8.3	U	8.3	1.2	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
Cyclohexane	8.3	U	8.3	1.2	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
Dichlorodifluoromethane	8.3	U	8.3	0.69	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
Ethylbenzene	8.3	U	8.3	0.57	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
1,2-Dibromoethane	8.3	U	8.3	1.1	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
Isopropylbenzene	8.3	U	8.3	1.3	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
Methyl acetate	42	U	42	5.0	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
Methyl tert-butyl ether	8.3	U	8.3	0.82	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
Methylcyclohexane	8.3	U	8.3	1.3	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
Methylene Chloride	8.3	U	8.3	3.8	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
Styrene	8.3	U	8.3	0.42	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
Tetrachloroethene	8.3	U	8.3	1.1	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
Toluene	8.3	U	8.3	0.63	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
trans-1,2-Dichloroethene	8.3	U	8.3	0.86	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
trans-1,3-Dichloropropene	8.3	U	8.3	3.7	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
Trichloroethene	8.3	U	8.3	1.8	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
Trichlorofluoromethane	8.3	U	8.3	0.79	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
Vinyl chloride	8.3	U	8.3	1.0	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1
Xylenes, Total	17	U	17	1.4	ug/Kg	☆	05/25/21 17:08	05/25/21 20:55	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: GFFC-1-SED

Lab Sample ID: 480-185032-7

Date Collected: 05/20/21 12:20

Matrix: Solid

Date Received: 05/21/21 08:00

Percent Solids: 59.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		71 - 125	05/25/21 17:08	05/25/21 20:55	1
1,2-Dichloroethane-d4 (Surr)	101		64 - 126	05/25/21 17:08	05/25/21 20:55	1
4-Bromofluorobenzene (Surr)	88		72 - 126	05/25/21 17:08	05/25/21 20:55	1
Dibromofluoromethane (Surr)	101		60 - 140	05/25/21 17:08	05/25/21 20:55	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.32	U	0.32	0.063	mg/Kg	✱	05/26/21 07:34	05/27/21 01:27	1
PCB-1221	0.32	U	0.32	0.063	mg/Kg	✱	05/26/21 07:34	05/27/21 01:27	1
PCB-1232	0.32	U	0.32	0.063	mg/Kg	✱	05/26/21 07:34	05/27/21 01:27	1
PCB-1242	0.32	U	0.32	0.063	mg/Kg	✱	05/26/21 07:34	05/27/21 01:27	1
PCB-1248	0.32	U	0.32	0.063	mg/Kg	✱	05/26/21 07:34	05/27/21 01:27	1
PCB-1254	0.32	U	0.32	0.15	mg/Kg	✱	05/26/21 07:34	05/27/21 01:27	1
PCB-1260	0.32	U	0.32	0.15	mg/Kg	✱	05/26/21 07:34	05/27/21 01:27	1
PCB-1262	0.32	U	0.32	0.15	mg/Kg	✱	05/26/21 07:34	05/27/21 01:27	1
PCB-1268	0.32	U	0.32	0.15	mg/Kg	✱	05/26/21 07:34	05/27/21 01:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	133		60 - 154	05/26/21 07:34	05/27/21 01:27	1
Tetrachloro-m-xylene	128		60 - 154	05/26/21 07:34	05/27/21 01:27	1
DCB Decachlorobiphenyl	119		65 - 174	05/26/21 07:34	05/27/21 01:27	1
DCB Decachlorobiphenyl	116		65 - 174	05/26/21 07:34	05/27/21 01:27	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.84	U	0.84	0.27	ug/Kg	✱	06/01/21 08:22	06/03/21 02:55	1
Perfluoropentanoic acid (PFPeA)	0.34	U	0.34	0.065	ug/Kg	✱	06/01/21 08:22	06/03/21 02:55	1
Perfluorohexanoic acid (PFHxA)	0.34	U	0.34	0.037	ug/Kg	✱	06/01/21 08:22	06/03/21 02:55	1
Perfluoroheptanoic acid (PFHpA)	0.34	U	0.34	0.034	ug/Kg	✱	06/01/21 08:22	06/03/21 02:55	1
Perfluorooctanoic acid (PFOA)	0.34	U	0.34	0.042	ug/Kg	✱	06/01/21 08:22	06/03/21 02:55	1
Perfluorononanoic acid (PFNA)	0.34	U	0.34	0.030	ug/Kg	✱	06/01/21 08:22	06/03/21 02:55	1
Perfluorodecanoic acid (PFDA)	0.34	U	0.34	0.020	ug/Kg	✱	06/01/21 08:22	06/03/21 02:55	1
Perfluoroundecanoic acid (PFUnA)	0.34	U	0.34	0.034	ug/Kg	✱	06/01/21 08:22	06/03/21 02:55	1
Perfluorododecanoic acid (PFDoA)	0.34	U	0.34	0.035	ug/Kg	✱	06/01/21 08:22	06/03/21 02:55	1
Perfluorotridecanoic acid (PFTriA)	0.34	U	0.34	0.025	ug/Kg	✱	06/01/21 08:22	06/03/21 02:55	1
Perfluorotetradecanoic acid (PFTeA)	0.34	U	0.34	0.039	ug/Kg	✱	06/01/21 08:22	06/03/21 02:55	1
Perfluorobutanesulfonic acid (PFBS)	0.34	U	0.34	0.016	ug/Kg	✱	06/01/21 08:22	06/03/21 02:55	1
Perfluorohexanesulfonic acid (PFHxS)	0.023	J	0.34	0.023	ug/Kg	✱	06/01/21 08:22	06/03/21 02:55	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.34	U	0.34	0.025	ug/Kg	✱	06/01/21 08:22	06/03/21 02:55	1
Perfluorooctanesulfonic acid (PFOS)	0.080	J	0.34	0.027	ug/Kg	✱	06/01/21 08:22	06/03/21 02:55	1
Perfluorodecanesulfonic acid (PFDS)	0.34	U	0.34	0.020	ug/Kg	✱	06/01/21 08:22	06/03/21 02:55	1
Perfluorooctanesulfonamide (PFOSA)	0.34	U	0.34	0.029	ug/Kg	✱	06/01/21 08:22	06/03/21 02:55	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	3.36	U	3.36	0.062	ug/Kg	✱	06/01/21 08:22	06/03/21 02:55	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	3.36	U	3.36	0.077	ug/Kg	✱	06/01/21 08:22	06/03/21 02:55	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	3.36	U	3.36	0.052	ug/Kg	✱	06/01/21 08:22	06/03/21 02:55	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: GFFC-1-SED

Lab Sample ID: 480-185032-7

Date Collected: 05/20/21 12:20

Matrix: Solid

Date Received: 05/21/21 08:00

Percent Solids: 59.4

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	3.36	U	3.36	0.027	ug/Kg	☆	06/01/21 08:22	06/03/21 02:55	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	78		50 - 150				06/01/21 08:22	06/03/21 02:55	1
13C4 PFHpA	82		50 - 150				06/01/21 08:22	06/03/21 02:55	1
13C4 PFOA	86		50 - 150				06/01/21 08:22	06/03/21 02:55	1
13C4 PFOS	77		50 - 150				06/01/21 08:22	06/03/21 02:55	1
13C5 PFNA	86		50 - 150				06/01/21 08:22	06/03/21 02:55	1
13C4 PFBA	83		25 - 150				06/01/21 08:22	06/03/21 02:55	1
13C2 PFHxA	87		50 - 150				06/01/21 08:22	06/03/21 02:55	1
13C2 PFDA	88		50 - 150				06/01/21 08:22	06/03/21 02:55	1
13C2 PFUnA	94		50 - 150				06/01/21 08:22	06/03/21 02:55	1
13C2 PFDaA	85		50 - 150				06/01/21 08:22	06/03/21 02:55	1
13C8 FOSA	61		25 - 150				06/01/21 08:22	06/03/21 02:55	1
13C5 PFPeA	82		25 - 150				06/01/21 08:22	06/03/21 02:55	1
13C2 PFTeDA	77		50 - 150				06/01/21 08:22	06/03/21 02:55	1
d3-NMeFOSAA	91		50 - 150				06/01/21 08:22	06/03/21 02:55	1
d5-NEtFOSAA	100		50 - 150				06/01/21 08:22	06/03/21 02:55	1
M2-6:2 FTS	88		25 - 150				06/01/21 08:22	06/03/21 02:55	1
M2-8:2 FTS	115		25 - 150				06/01/21 08:22	06/03/21 02:55	1
13C3 PFBS	77		50 - 150				06/01/21 08:22	06/03/21 02:55	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2580		16.8	7.4	mg/Kg	☆	05/24/21 17:54	05/26/21 01:07	1
Antimony	25.2	U	25.2	0.67	mg/Kg	☆	05/24/21 17:54	05/26/21 01:07	1
Arsenic	1.8	J	3.4	0.67	mg/Kg	☆	05/24/21 17:54	05/26/21 01:07	1
Barium	27.0		0.84	0.18	mg/Kg	☆	05/24/21 17:54	05/26/21 01:07	1
Beryllium	0.15	J	0.34	0.047	mg/Kg	☆	05/24/21 17:54	05/26/21 01:07	1
Cadmium	0.34	U	0.34	0.050	mg/Kg	☆	05/24/21 17:54	05/26/21 01:07	1
Calcium	1640		83.8	5.5	mg/Kg	☆	05/24/21 17:54	05/26/21 01:07	1
Chromium	3.9		0.84	0.34	mg/Kg	☆	05/24/21 17:54	05/26/21 01:07	1
Cobalt	1.7		0.84	0.084	mg/Kg	☆	05/24/21 17:54	05/26/21 01:07	1
Copper	6.7		1.7	0.35	mg/Kg	☆	05/24/21 17:54	05/26/21 01:07	1
Iron	4370		16.8	5.9	mg/Kg	☆	05/24/21 17:54	05/26/21 01:07	1
Lead	74.8		1.7	0.40	mg/Kg	☆	05/24/21 17:54	05/26/21 01:07	1
Magnesium	691		33.5	1.6	mg/Kg	☆	05/24/21 17:54	05/26/21 01:07	1
Manganese	94.8	B	0.34	0.054	mg/Kg	☆	05/24/21 17:54	05/26/21 01:07	1
Nickel	2.3	J	8.4	0.39	mg/Kg	☆	05/24/21 17:54	05/26/21 01:07	1
Potassium	407		50.3	33.5	mg/Kg	☆	05/24/21 17:54	05/26/21 01:07	1
Selenium	6.7	U	6.7	0.67	mg/Kg	☆	05/24/21 17:54	05/26/21 01:07	1
Silver	1.0	U	1.0	0.34	mg/Kg	☆	05/24/21 17:54	05/26/21 01:07	1
Sodium	203	J B	235	21.8	mg/Kg	☆	05/24/21 17:54	05/26/21 01:07	1
Thallium	10.1	U	10.1	0.50	mg/Kg	☆	05/24/21 17:54	05/26/21 01:07	1
Vanadium	7.0		0.84	0.18	mg/Kg	☆	05/24/21 17:54	05/26/21 01:07	1
Zinc	19.3		3.4	1.1	mg/Kg	☆	05/24/21 17:54	05/26/21 01:07	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.49		0.030	0.012	mg/Kg	☆	05/26/21 15:55	05/26/21 19:26	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: GFFC-2-SW

Lab Sample ID: 480-185032-8

Date Collected: 05/20/21 13:30

Matrix: Water

Date Received: 05/21/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/26/21 15:15	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 15:15	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/26/21 15:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/26/21 15:15	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/26/21 15:15	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/26/21 15:15	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/26/21 15:15	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/26/21 15:15	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/26/21 15:15	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 15:15	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/26/21 15:15	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/26/21 15:15	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/26/21 15:15	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/26/21 15:15	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/26/21 15:15	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/26/21 15:15	1
Acetone	10	U	10	3.0	ug/L			05/26/21 15:15	1
Benzene	1.0	U	1.0	0.41	ug/L			05/26/21 15:15	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/26/21 15:15	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/26/21 15:15	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/26/21 15:15	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/26/21 15:15	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/26/21 15:15	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/26/21 15:15	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/26/21 15:15	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/26/21 15:15	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/26/21 15:15	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/26/21 15:15	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/26/21 15:15	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/26/21 15:15	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/26/21 15:15	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/26/21 15:15	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/26/21 15:15	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/26/21 15:15	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/26/21 15:15	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/26/21 15:15	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/26/21 15:15	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/26/21 15:15	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/26/21 15:15	1
Styrene	1.0	U	1.0	0.73	ug/L			05/26/21 15:15	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/26/21 15:15	1
Toluene	1.0	U	1.0	0.51	ug/L			05/26/21 15:15	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/26/21 15:15	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/26/21 15:15	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/26/21 15:15	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/26/21 15:15	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/26/21 15:15	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/26/21 15:15	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: GFFC-2-SW

Lab Sample ID: 480-185032-8

Date Collected: 05/20/21 13:30

Matrix: Water

Date Received: 05/21/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		05/26/21 15:15	1
1,2-Dichloroethane-d4 (Surr)	93		77 - 120		05/26/21 15:15	1
4-Bromofluorobenzene (Surr)	83		73 - 120		05/26/21 15:15	1
Dibromofluoromethane (Surr)	87		75 - 123		05/26/21 15:15	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.1	U	1.1	0.53	ug/L		05/24/21 08:42	05/27/21 01:10	5
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	34		15 - 110				05/24/21 08:42	05/27/21 01:10	5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 13:02	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 13:02	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 13:02	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 13:02	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 13:02	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 13:02	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 13:02	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 13:02	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 13:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	100		39 - 121	05/27/21 14:46	05/28/21 13:02	1
Tetrachloro-m-xylene	97		39 - 121	05/27/21 14:46	05/28/21 13:02	1
DCB Decachlorobiphenyl	61		19 - 120	05/27/21 14:46	05/28/21 13:02	1
DCB Decachlorobiphenyl	55		19 - 120	05/27/21 14:46	05/28/21 13:02	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	1.10	J B	4.06	0.72	ng/L		06/01/21 11:55	06/02/21 20:09	1
Perfluoropentanoic acid (PFPeA)	0.61	J	1.62	0.38	ng/L		06/01/21 11:55	06/02/21 20:09	1
Perfluorohexanoic acid (PFHxA)	0.44	J B	1.62	0.37	ng/L		06/01/21 11:55	06/02/21 20:09	1
Perfluoroheptanoic acid (PFHpA)	0.39	J B	1.62	0.19	ng/L		06/01/21 11:55	06/02/21 20:09	1
Perfluorooctanoic acid (PFOA)	0.85	J	1.62	0.34	ng/L		06/01/21 11:55	06/02/21 20:09	1
Perfluorononanoic acid (PFNA)	1.62	U	1.62	0.23	ng/L		06/01/21 11:55	06/02/21 20:09	1
Perfluorodecanoic acid (PFDA)	1.62	U	1.62	0.25	ng/L		06/01/21 11:55	06/02/21 20:09	1
Perfluoroundecanoic acid (PFUnA)	1.62	U	1.62	0.28	ng/L		06/01/21 11:55	06/02/21 20:09	1
Perfluorododecanoic acid (PFDoA)	1.62	U	1.62	0.31	ng/L		06/01/21 11:55	06/02/21 20:09	1
Perfluorotridecanoic acid (PFTriA)	1.62	U	1.62	0.35	ng/L		06/01/21 11:55	06/02/21 20:09	1
Perfluorotetradecanoic acid (PFTeA)	1.62	U	1.62	0.51	ng/L		06/01/21 11:55	06/02/21 20:09	1
Perfluorobutanesulfonic acid (PFBS)	0.55	J B	1.62	0.20	ng/L		06/01/21 11:55	06/02/21 20:09	1
Perfluorohexanesulfonic acid (PFHxS)	0.33	J B	1.62	0.25	ng/L		06/01/21 11:55	06/02/21 20:09	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.62	U	1.62	0.19	ng/L		06/01/21 11:55	06/02/21 20:09	1
Perfluorodecanesulfonic acid (PFDS)	1.62	U	1.62	0.25	ng/L		06/01/21 11:55	06/02/21 20:09	1
Perfluorooctanesulfonic acid (PFOS)	0.72	J B	1.62	0.24	ng/L		06/01/21 11:55	06/02/21 20:09	1
Perfluorooctanesulfonamide (FOSA)	1.62	U	1.62	0.47	ng/L		06/01/21 11:55	06/02/21 20:09	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: GFFC-2-SW

Lab Sample ID: 480-185032-8

Date Collected: 05/20/21 13:30

Matrix: Water

Date Received: 05/21/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.06	U	4.06	0.73	ng/L		06/01/21 11:55	06/02/21 20:09	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.06	U	4.06	0.60	ng/L		06/01/21 11:55	06/02/21 20:09	1
6:2 FTS	4.06	U	4.06	0.89	ng/L		06/01/21 11:55	06/02/21 20:09	1
8:2 FTS	1.62	U	1.62	0.32	ng/L		06/01/21 11:55	06/02/21 20:09	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	71		25 - 150				06/01/21 11:55	06/02/21 20:09	1
13C4 PFBA	79		25 - 150				06/01/21 11:55	06/02/21 20:09	1
13C5 PFPeA	84		25 - 150				06/01/21 11:55	06/02/21 20:09	1
13C2 PFHxA	90		50 - 150				06/01/21 11:55	06/02/21 20:09	1
13C4 PFHpA	91		50 - 150				06/01/21 11:55	06/02/21 20:09	1
13C4 PFOA	92		50 - 150				06/01/21 11:55	06/02/21 20:09	1
13C5 PFNA	94		50 - 150				06/01/21 11:55	06/02/21 20:09	1
13C2 PFDA	91		50 - 150				06/01/21 11:55	06/02/21 20:09	1
13C2 PFUnA	87		50 - 150				06/01/21 11:55	06/02/21 20:09	1
13C2 PFDoA	81		50 - 150				06/01/21 11:55	06/02/21 20:09	1
13C2 PFTeDA	74		50 - 150				06/01/21 11:55	06/02/21 20:09	1
13C3 PFBS	80		50 - 150				06/01/21 11:55	06/02/21 20:09	1
18O2 PFHxS	86		50 - 150				06/01/21 11:55	06/02/21 20:09	1
13C4 PFOS	82		50 - 150				06/01/21 11:55	06/02/21 20:09	1
d3-NMeFOSAA	92		50 - 150				06/01/21 11:55	06/02/21 20:09	1
d5-NEtFOSAA	101		50 - 150				06/01/21 11:55	06/02/21 20:09	1
M2-6:2 FTS	86		25 - 150				06/01/21 11:55	06/02/21 20:09	1
M2-8:2 FTS	94		25 - 150				06/01/21 11:55	06/02/21 20:09	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	126	J	200	60.0	ug/L		05/26/21 17:25	05/27/21 20:34	1
Antimony	20.0	U	20.0	6.8	ug/L		05/26/21 17:25	05/27/21 20:34	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/26/21 17:25	05/27/21 20:34	1
Barium	7.8		2.0	0.70	ug/L		05/26/21 17:25	05/27/21 20:34	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/26/21 17:25	05/27/21 20:34	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/26/21 17:25	05/27/21 20:34	1
Calcium	9190		500	100	ug/L		05/26/21 17:25	05/27/21 20:34	1
Chromium	2.9	J	4.0	1.0	ug/L		05/26/21 17:25	05/27/21 20:34	1
Cobalt	4.0	U	4.0	0.63	ug/L		05/26/21 17:25	05/27/21 20:34	1
Copper	10.0	U	10.0	1.6	ug/L		05/26/21 17:25	05/27/21 20:34	1
Iron	252	B	50.0	19.3	ug/L		05/26/21 17:25	05/27/21 20:34	1
Lead	10.0	U	10.0	3.0	ug/L		05/26/21 17:25	05/27/21 20:34	1
Magnesium	1580		200	43.4	ug/L		05/26/21 17:25	05/27/21 20:34	1
Manganese	20.4	B	3.0	0.40	ug/L		05/26/21 17:25	05/27/21 20:34	1
Nickel	10.0	U	10.0	1.3	ug/L		05/26/21 17:25	05/27/21 20:34	1
Potassium	322	J	500	100	ug/L		05/26/21 17:25	05/27/21 20:34	1
Selenium	25.0	U	25.0	8.7	ug/L		05/26/21 17:25	05/27/21 20:34	1
Silver	6.0	U	6.0	1.7	ug/L		05/26/21 17:25	05/27/21 20:34	1
Sodium	9520		1000	324	ug/L		05/26/21 17:25	05/27/21 20:34	1
Thallium	20.0	U	20.0	10.2	ug/L		05/26/21 17:25	05/27/21 20:34	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/26/21 17:25	05/27/21 20:34	1
Zinc	2.4	J	10.0	1.5	ug/L		05/26/21 17:25	05/27/21 20:34	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: GFFC-2-SW

Lab Sample ID: 480-185032-8

Date Collected: 05/20/21 13:30

Matrix: Water

Date Received: 05/21/21 08:00

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 18:02	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: GFFC-2-SED

Lab Sample ID: 480-185032-9

Date Collected: 05/20/21 13:40

Matrix: Solid

Date Received: 05/21/21 08:00

Percent Solids: 68.0

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	7.2	U	7.2	0.52	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
1,1,2,2-Tetrachloroethane	7.2	U	7.2	1.2	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
1,1,2-Trichloroethane	7.2	U	7.2	0.93	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	7.2	U	7.2	1.6	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
1,1-Dichloroethane	7.2	U	7.2	0.87	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
1,1-Dichloroethene	7.2	U	7.2	0.88	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
1,2,4-Trichlorobenzene	7.2	U	7.2	0.43	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
1,2-Dibromo-3-Chloropropane	7.2	U	7.2	3.6	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
1,2-Dichlorobenzene	7.2	U	7.2	0.56	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
1,2-Dichloroethane	7.2	U	7.2	0.36	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
1,2-Dichloropropane	7.2	U	7.2	3.6	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
1,3-Dichlorobenzene	7.2	U	7.2	0.37	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
1,4-Dichlorobenzene	7.2	U	7.2	1.0	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
2-Butanone (MEK)	36	U	36	2.6	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
2-Hexanone	36	U	36	3.6	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
4-Methyl-2-pentanone (MIBK)	36	U	36	2.3	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
Acetone	13	J	36	6.0	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
Benzene	7.2	U	7.2	0.35	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
Bromodichloromethane	7.2	U	7.2	0.96	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
Bromoform	7.2	U	7.2	3.6	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
Bromomethane	7.2	U	7.2	0.64	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
Carbon disulfide	7.2	U	7.2	3.6	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
Carbon tetrachloride	7.2	U	7.2	0.69	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
Chlorobenzene	7.2	U	7.2	0.94	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
Dibromochloromethane	7.2	U	7.2	0.92	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
Chloroethane	7.2	U	7.2	1.6	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
Chloroform	7.2	U	7.2	0.44	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
Chloromethane	7.2	U	7.2	0.43	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
cis-1,2-Dichloroethene	7.2	U	7.2	0.92	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
cis-1,3-Dichloropropene	7.2	U	7.2	1.0	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
Cyclohexane	7.2	U	7.2	1.0	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
Dichlorodifluoromethane	7.2	U	7.2	0.59	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
Ethylbenzene	7.2	U	7.2	0.49	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
1,2-Dibromoethane	7.2	U	7.2	0.92	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
Isopropylbenzene	7.2	U	7.2	1.1	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
Methyl acetate	36	U	36	4.3	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
Methyl tert-butyl ether	7.2	U	7.2	0.70	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
Methylcyclohexane	7.2	U	7.2	1.1	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
Methylene Chloride	7.2	U	7.2	3.3	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
Styrene	7.2	U	7.2	0.36	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
Tetrachloroethene	7.2	U	7.2	0.96	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
Toluene	7.2	U	7.2	0.54	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
trans-1,2-Dichloroethene	7.2	U	7.2	0.74	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
trans-1,3-Dichloropropene	7.2	U	7.2	3.1	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
Trichloroethene	7.2	U	7.2	1.6	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
Trichlorofluoromethane	7.2	U	7.2	0.68	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
Vinyl chloride	7.2	U	7.2	0.87	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1
Xylenes, Total	14	U	14	1.2	ug/Kg	✱	05/25/21 17:08	05/25/21 21:19	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: GFFC-2-SED

Lab Sample ID: 480-185032-9

Date Collected: 05/20/21 13:40

Matrix: Solid

Date Received: 05/21/21 08:00

Percent Solids: 68.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		71 - 125	05/25/21 17:08	05/25/21 21:19	1
1,2-Dichloroethane-d4 (Surr)	102		64 - 126	05/25/21 17:08	05/25/21 21:19	1
4-Bromofluorobenzene (Surr)	88		72 - 126	05/25/21 17:08	05/25/21 21:19	1
Dibromofluoromethane (Surr)	100		60 - 140	05/25/21 17:08	05/25/21 21:19	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.27	U	0.27	0.052	mg/Kg	☆	05/26/21 07:34	05/27/21 01:40	1
PCB-1221	0.27	U	0.27	0.052	mg/Kg	☆	05/26/21 07:34	05/27/21 01:40	1
PCB-1232	0.27	U	0.27	0.052	mg/Kg	☆	05/26/21 07:34	05/27/21 01:40	1
PCB-1242	0.27	U	0.27	0.052	mg/Kg	☆	05/26/21 07:34	05/27/21 01:40	1
PCB-1248	0.27	U	0.27	0.052	mg/Kg	☆	05/26/21 07:34	05/27/21 01:40	1
PCB-1254	0.27	U	0.27	0.13	mg/Kg	☆	05/26/21 07:34	05/27/21 01:40	1
PCB-1260	0.27	U	0.27	0.13	mg/Kg	☆	05/26/21 07:34	05/27/21 01:40	1
PCB-1262	0.27	U	0.27	0.13	mg/Kg	☆	05/26/21 07:34	05/27/21 01:40	1
PCB-1268	0.27	U	0.27	0.13	mg/Kg	☆	05/26/21 07:34	05/27/21 01:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	118		60 - 154	05/26/21 07:34	05/27/21 01:40	1
Tetrachloro-m-xylene	118		60 - 154	05/26/21 07:34	05/27/21 01:40	1
DCB Decachlorobiphenyl	107		65 - 174	05/26/21 07:34	05/27/21 01:40	1
DCB Decachlorobiphenyl	104		65 - 174	05/26/21 07:34	05/27/21 01:40	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.73	U	0.73	0.24	ug/Kg	☆	06/01/21 08:22	06/03/21 03:04	1
Perfluoropentanoic acid (PFPeA)	0.29	U	0.29	0.057	ug/Kg	☆	06/01/21 08:22	06/03/21 03:04	1
Perfluorohexanoic acid (PFHxA)	0.29	U	0.29	0.032	ug/Kg	☆	06/01/21 08:22	06/03/21 03:04	1
Perfluoroheptanoic acid (PFHpA)	0.29	U	0.29	0.029	ug/Kg	☆	06/01/21 08:22	06/03/21 03:04	1
Perfluorooctanoic acid (PFOA)	0.040	J	0.29	0.037	ug/Kg	☆	06/01/21 08:22	06/03/21 03:04	1
Perfluorononanoic acid (PFNA)	0.29	U	0.29	0.026	ug/Kg	☆	06/01/21 08:22	06/03/21 03:04	1
Perfluorodecanoic acid (PFDA)	0.29	U	0.29	0.018	ug/Kg	☆	06/01/21 08:22	06/03/21 03:04	1
Perfluoroundecanoic acid (PFUnA)	0.030	J	0.29	0.029	ug/Kg	☆	06/01/21 08:22	06/03/21 03:04	1
Perfluorododecanoic acid (PFDoA)	0.046	J	0.29	0.031	ug/Kg	☆	06/01/21 08:22	06/03/21 03:04	1
Perfluorotridecanoic acid (PFTriA)	0.043	J	0.29	0.022	ug/Kg	☆	06/01/21 08:22	06/03/21 03:04	1
Perfluorotetradecanoic acid (PFTeA)	0.041	J	0.29	0.034	ug/Kg	☆	06/01/21 08:22	06/03/21 03:04	1
Perfluorobutanesulfonic acid (PFBS)	0.29	U	0.29	0.014	ug/Kg	☆	06/01/21 08:22	06/03/21 03:04	1
Perfluorohexanesulfonic acid (PFHxS)	0.29	U	0.29	0.020	ug/Kg	☆	06/01/21 08:22	06/03/21 03:04	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.29	U	0.29	0.022	ug/Kg	☆	06/01/21 08:22	06/03/21 03:04	1
Perfluorooctanesulfonic acid (PFOS)	0.96		0.29	0.023	ug/Kg	☆	06/01/21 08:22	06/03/21 03:04	1
Perfluorodecanesulfonic acid (PFDS)	0.025	J	0.29	0.018	ug/Kg	☆	06/01/21 08:22	06/03/21 03:04	1
Perfluorooctanesulfonamide (PFOSA)	0.29	U	0.29	0.025	ug/Kg	☆	06/01/21 08:22	06/03/21 03:04	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.068	J	2.92	0.054	ug/Kg	☆	06/01/21 08:22	06/03/21 03:04	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.92	U	2.92	0.067	ug/Kg	☆	06/01/21 08:22	06/03/21 03:04	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: GFFC-2-SED

Lab Sample ID: 480-185032-9

Date Collected: 05/20/21 13:40

Matrix: Solid

Date Received: 05/21/21 08:00

Percent Solids: 68.0

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	2.92	U	2.92	0.045	ug/Kg	☆	06/01/21 08:22	06/03/21 03:04	1
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	2.92	U	2.92	0.023	ug/Kg	☆	06/01/21 08:22	06/03/21 03:04	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	80		50 - 150				06/01/21 08:22	06/03/21 03:04	1
13C4 PFHpA	81		50 - 150				06/01/21 08:22	06/03/21 03:04	1
13C4 PFOA	87		50 - 150				06/01/21 08:22	06/03/21 03:04	1
13C4 PFOS	82		50 - 150				06/01/21 08:22	06/03/21 03:04	1
13C5 PFNA	88		50 - 150				06/01/21 08:22	06/03/21 03:04	1
13C4 PFBA	84		25 - 150				06/01/21 08:22	06/03/21 03:04	1
13C2 PFHxA	91		50 - 150				06/01/21 08:22	06/03/21 03:04	1
13C2 PFDA	89		50 - 150				06/01/21 08:22	06/03/21 03:04	1
13C2 PFUnA	90		50 - 150				06/01/21 08:22	06/03/21 03:04	1
13C2 PFDoA	90		50 - 150				06/01/21 08:22	06/03/21 03:04	1
13C8 FOSA	70		25 - 150				06/01/21 08:22	06/03/21 03:04	1
13C5 PFPeA	85		25 - 150				06/01/21 08:22	06/03/21 03:04	1
13C2 PFTeDA	92		50 - 150				06/01/21 08:22	06/03/21 03:04	1
d3-NMeFOSAA	92		50 - 150				06/01/21 08:22	06/03/21 03:04	1
d5-NEtFOSAA	92		50 - 150				06/01/21 08:22	06/03/21 03:04	1
M2-6:2 FTS	90		25 - 150				06/01/21 08:22	06/03/21 03:04	1
M2-8:2 FTS	105		25 - 150				06/01/21 08:22	06/03/21 03:04	1
13C3 PFBS	81		50 - 150				06/01/21 08:22	06/03/21 03:04	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8370		15.2	6.7	mg/Kg	☆	05/24/21 17:54	05/26/21 01:11	1
Antimony	22.7	U	22.7	0.61	mg/Kg	☆	05/24/21 17:54	05/26/21 01:11	1
Arsenic	4.5		3.0	0.61	mg/Kg	☆	05/24/21 17:54	05/26/21 01:11	1
Barium	112		0.76	0.17	mg/Kg	☆	05/24/21 17:54	05/26/21 01:11	1
Beryllium	0.44		0.30	0.042	mg/Kg	☆	05/24/21 17:54	05/26/21 01:11	1
Cadmium	0.27	J	0.30	0.045	mg/Kg	☆	05/24/21 17:54	05/26/21 01:11	1
Calcium	7640		75.8	5.0	mg/Kg	☆	05/24/21 17:54	05/26/21 01:11	1
Chromium	15.8		0.76	0.30	mg/Kg	☆	05/24/21 17:54	05/26/21 01:11	1
Cobalt	9.8		0.76	0.076	mg/Kg	☆	05/24/21 17:54	05/26/21 01:11	1
Copper	9.9		1.5	0.32	mg/Kg	☆	05/24/21 17:54	05/26/21 01:11	1
Iron	22300		15.2	5.3	mg/Kg	☆	05/24/21 17:54	05/26/21 01:11	1
Lead	23.6		1.5	0.36	mg/Kg	☆	05/24/21 17:54	05/26/21 01:11	1
Magnesium	3250		30.3	1.4	mg/Kg	☆	05/24/21 17:54	05/26/21 01:11	1
Manganese	3060	B	0.30	0.049	mg/Kg	☆	05/24/21 17:54	05/26/21 01:11	1
Nickel	13.4		7.6	0.35	mg/Kg	☆	05/24/21 17:54	05/26/21 01:11	1
Potassium	1490		45.5	30.3	mg/Kg	☆	05/24/21 17:54	05/26/21 01:11	1
Selenium	1.6	J	6.1	0.61	mg/Kg	☆	05/24/21 17:54	05/26/21 01:11	1
Silver	0.77	J	0.91	0.30	mg/Kg	☆	05/24/21 17:54	05/26/21 01:11	1
Sodium	273	B	212	19.7	mg/Kg	☆	05/24/21 17:54	05/26/21 01:11	1
Thallium	0.79	J	9.1	0.45	mg/Kg	☆	05/24/21 17:54	05/26/21 01:11	1
Vanadium	21.7		0.76	0.17	mg/Kg	☆	05/24/21 17:54	05/26/21 01:11	1
Zinc	74.8		3.0	0.97	mg/Kg	☆	05/24/21 17:54	05/26/21 01:11	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: GFFC-2-SED

Lab Sample ID: 480-185032-9

Date Collected: 05/20/21 13:40

Matrix: Solid

Date Received: 05/21/21 08:00

Percent Solids: 68.0

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.067		0.028	0.011	mg/Kg	☼	05/26/21 15:55	05/26/21 19:28	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: GFFC-3-SW

Lab Sample ID: 480-185032-10

Date Collected: 05/20/21 12:50

Matrix: Water

Date Received: 05/21/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/26/21 15:37	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 15:37	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/26/21 15:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/26/21 15:37	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/26/21 15:37	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/26/21 15:37	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/26/21 15:37	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/26/21 15:37	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/26/21 15:37	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 15:37	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/26/21 15:37	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/26/21 15:37	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/26/21 15:37	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/26/21 15:37	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/26/21 15:37	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/26/21 15:37	1
Acetone	10	U	10	3.0	ug/L			05/26/21 15:37	1
Benzene	1.0	U	1.0	0.41	ug/L			05/26/21 15:37	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/26/21 15:37	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/26/21 15:37	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/26/21 15:37	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/26/21 15:37	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/26/21 15:37	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/26/21 15:37	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/26/21 15:37	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/26/21 15:37	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/26/21 15:37	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/26/21 15:37	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/26/21 15:37	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/26/21 15:37	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/26/21 15:37	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/26/21 15:37	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/26/21 15:37	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/26/21 15:37	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/26/21 15:37	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/26/21 15:37	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/26/21 15:37	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/26/21 15:37	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/26/21 15:37	1
Styrene	1.0	U	1.0	0.73	ug/L			05/26/21 15:37	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/26/21 15:37	1
Toluene	1.0	U	1.0	0.51	ug/L			05/26/21 15:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/26/21 15:37	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/26/21 15:37	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/26/21 15:37	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/26/21 15:37	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/26/21 15:37	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/26/21 15:37	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: GFFC-3-SW

Lab Sample ID: 480-185032-10

Date Collected: 05/20/21 12:50

Matrix: Water

Date Received: 05/21/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		05/26/21 15:37	1
1,2-Dichloroethane-d4 (Surr)	93		77 - 120		05/26/21 15:37	1
4-Bromofluorobenzene (Surr)	90		73 - 120		05/26/21 15:37	1
Dibromofluoromethane (Surr)	86		75 - 123		05/26/21 15:37	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.1	U	1.1	0.54	ug/L		05/24/21 08:42	05/27/21 01:34	5
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	35		15 - 110				05/24/21 08:42	05/27/21 01:34	5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 13:15	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 13:15	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 13:15	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 13:15	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 13:15	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 13:15	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 13:15	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 13:15	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 13:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	96		39 - 121				05/27/21 14:46	05/28/21 13:15	1
Tetrachloro-m-xylene	92		39 - 121				05/27/21 14:46	05/28/21 13:15	1
DCB Decachlorobiphenyl	58		19 - 120				05/27/21 14:46	05/28/21 13:15	1
DCB Decachlorobiphenyl	54		19 - 120				05/27/21 14:46	05/28/21 13:15	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	1.05	J B	4.23	0.75	ng/L		06/01/21 11:55	06/02/21 20:17	1
Perfluoropentanoic acid (PFPeA)	1.69	U	1.69	0.40	ng/L		06/01/21 11:55	06/02/21 20:17	1
Perfluorohexanoic acid (PFHxA)	0.39	J B	1.69	0.38	ng/L		06/01/21 11:55	06/02/21 20:17	1
Perfluoroheptanoic acid (PFHpA)	0.35	J B	1.69	0.20	ng/L		06/01/21 11:55	06/02/21 20:17	1
Perfluorooctanoic acid (PFOA)	0.52	J	1.69	0.36	ng/L		06/01/21 11:55	06/02/21 20:17	1
Perfluorononanoic acid (PFNA)	1.69	U	1.69	0.24	ng/L		06/01/21 11:55	06/02/21 20:17	1
Perfluorodecanoic acid (PFDA)	1.69	U	1.69	0.26	ng/L		06/01/21 11:55	06/02/21 20:17	1
Perfluoroundecanoic acid (PFUnA)	1.69	U	1.69	0.29	ng/L		06/01/21 11:55	06/02/21 20:17	1
Perfluorododecanoic acid (PFDoA)	1.69	U	1.69	0.33	ng/L		06/01/21 11:55	06/02/21 20:17	1
Perfluorotridecanoic acid (PFTriA)	1.69	U	1.69	0.37	ng/L		06/01/21 11:55	06/02/21 20:17	1
Perfluorotetradecanoic acid (PFTeA)	1.69	U	1.69	0.53	ng/L		06/01/21 11:55	06/02/21 20:17	1
Perfluorobutanesulfonic acid (PFBS)	0.49	J B	1.69	0.21	ng/L		06/01/21 11:55	06/02/21 20:17	1
Perfluorohexanesulfonic acid (PFHxS)	0.34	J B	1.69	0.26	ng/L		06/01/21 11:55	06/02/21 20:17	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.69	U	1.69	0.20	ng/L		06/01/21 11:55	06/02/21 20:17	1
Perfluorodecanesulfonic acid (PFDS)	1.69	U	1.69	0.26	ng/L		06/01/21 11:55	06/02/21 20:17	1
Perfluorooctanesulfonic acid (PFOS)	0.57	J B	1.69	0.25	ng/L		06/01/21 11:55	06/02/21 20:17	1
Perfluorooctanesulfonamide (FOSA)	1.69	U	1.69	0.49	ng/L		06/01/21 11:55	06/02/21 20:17	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: GFFC-3-SW

Lab Sample ID: 480-185032-10

Date Collected: 05/20/21 12:50

Matrix: Water

Date Received: 05/21/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.23	U	4.23	0.76	ng/L		06/01/21 11:55	06/02/21 20:17	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.23	U	4.23	0.63	ng/L		06/01/21 11:55	06/02/21 20:17	1
6:2 FTS	4.23	U	4.23	0.93	ng/L		06/01/21 11:55	06/02/21 20:17	1
8:2 FTS	1.69	U	1.69	0.33	ng/L		06/01/21 11:55	06/02/21 20:17	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	77		25 - 150				06/01/21 11:55	06/02/21 20:17	1
13C4 PFBA	83		25 - 150				06/01/21 11:55	06/02/21 20:17	1
13C5 PFPeA	89		25 - 150				06/01/21 11:55	06/02/21 20:17	1
13C2 PFHxA	95		50 - 150				06/01/21 11:55	06/02/21 20:17	1
13C4 PFHpA	91		50 - 150				06/01/21 11:55	06/02/21 20:17	1
13C4 PFOA	99		50 - 150				06/01/21 11:55	06/02/21 20:17	1
13C5 PFNA	97		50 - 150				06/01/21 11:55	06/02/21 20:17	1
13C2 PFDA	98		50 - 150				06/01/21 11:55	06/02/21 20:17	1
13C2 PFUnA	94		50 - 150				06/01/21 11:55	06/02/21 20:17	1
13C2 PFDoA	88		50 - 150				06/01/21 11:55	06/02/21 20:17	1
13C2 PFTeDA	81		50 - 150				06/01/21 11:55	06/02/21 20:17	1
13C3 PFBS	84		50 - 150				06/01/21 11:55	06/02/21 20:17	1
18O2 PFHxS	87		50 - 150				06/01/21 11:55	06/02/21 20:17	1
13C4 PFOS	88		50 - 150				06/01/21 11:55	06/02/21 20:17	1
d3-NMeFOSAA	105		50 - 150				06/01/21 11:55	06/02/21 20:17	1
d5-NEtFOSAA	99		50 - 150				06/01/21 11:55	06/02/21 20:17	1
M2-6:2 FTS	87		25 - 150				06/01/21 11:55	06/02/21 20:17	1
M2-8:2 FTS	98		25 - 150				06/01/21 11:55	06/02/21 20:17	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	146	J	200	60.0	ug/L		05/26/21 17:25	05/27/21 20:52	1
Antimony	20.0	U	20.0	6.8	ug/L		05/26/21 17:25	05/27/21 20:52	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/26/21 17:25	05/27/21 20:52	1
Barium	7.8		2.0	0.70	ug/L		05/26/21 17:25	05/27/21 20:52	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/26/21 17:25	05/27/21 20:52	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/26/21 17:25	05/27/21 20:52	1
Calcium	9270		500	100	ug/L		05/26/21 17:25	05/27/21 20:52	1
Chromium	4.0	U	4.0	1.0	ug/L		05/26/21 17:25	05/27/21 20:52	1
Cobalt	4.0	U	4.0	0.63	ug/L		05/26/21 17:25	05/27/21 20:52	1
Copper	10.0	U	10.0	1.6	ug/L		05/26/21 17:25	05/27/21 20:52	1
Iron	267	B	50.0	19.3	ug/L		05/26/21 17:25	05/27/21 20:52	1
Lead	10.0	U	10.0	3.0	ug/L		05/26/21 17:25	05/27/21 20:52	1
Magnesium	1540		200	43.4	ug/L		05/26/21 17:25	05/27/21 20:52	1
Manganese	21.6	B	3.0	0.40	ug/L		05/26/21 17:25	05/27/21 20:52	1
Nickel	10.0	U	10.0	1.3	ug/L		05/26/21 17:25	05/27/21 20:52	1
Potassium	375	J	500	100	ug/L		05/26/21 17:25	05/27/21 20:52	1
Selenium	25.0	U	25.0	8.7	ug/L		05/26/21 17:25	05/27/21 20:52	1
Silver	6.0	U	6.0	1.7	ug/L		05/26/21 17:25	05/27/21 20:52	1
Sodium	9120		1000	324	ug/L		05/26/21 17:25	05/27/21 20:52	1
Thallium	20.0	U	20.0	10.2	ug/L		05/26/21 17:25	05/27/21 20:52	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/26/21 17:25	05/27/21 20:52	1
Zinc	3.0	J	10.0	1.5	ug/L		05/26/21 17:25	05/27/21 20:52	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: GFFC-3-SW

Lab Sample ID: 480-185032-10

Date Collected: 05/20/21 12:50

Matrix: Water

Date Received: 05/21/21 08:00

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 18:03	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: GFFC-3-SED

Lab Sample ID: 480-185032-11

Date Collected: 05/20/21 13:00

Matrix: Solid

Date Received: 05/21/21 08:00

Percent Solids: 49.8

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	9.8	U	9.8	0.71	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
1,1,2,2-Tetrachloroethane	9.8	U	9.8	1.6	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
1,1,2-Trichloroethane	9.8	U	9.8	1.3	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	9.8	U	9.8	2.2	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
1,1-Dichloroethane	9.8	U	9.8	1.2	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
1,1-Dichloroethene	9.8	U	9.8	1.2	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
1,2,4-Trichlorobenzene	9.8	U	9.8	0.60	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
1,2-Dibromo-3-Chloropropane	9.8	U	9.8	4.9	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
1,2-Dichlorobenzene	9.8	U	9.8	0.77	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
1,2-Dichloroethane	9.8	U	9.8	0.49	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
1,2-Dichloropropane	9.8	U	9.8	4.9	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
1,3-Dichlorobenzene	9.8	U	9.8	0.50	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
1,4-Dichlorobenzene	9.8	U	9.8	1.4	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
2-Butanone (MEK)	28	J	49	3.6	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
2-Hexanone	49	U	49	4.9	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
4-Methyl-2-pentanone (MIBK)	49	U	49	3.2	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
Acetone	120		49	8.2	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
Benzene	9.8	U	9.8	0.48	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
Bromodichloromethane	9.8	U	9.8	1.3	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
Bromoform	9.8	U	9.8	4.9	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
Bromomethane	9.8	U	9.8	0.88	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
Carbon disulfide	9.8	U	9.8	4.9	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
Carbon tetrachloride	9.8	U	9.8	0.95	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
Chlorobenzene	9.8	U	9.8	1.3	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
Dibromochloromethane	9.8	U	9.8	1.3	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
Chloroethane	9.8	U	9.8	2.2	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
Chloroform	9.8	U	9.8	0.61	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
Chloromethane	9.8	U	9.8	0.59	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
cis-1,2-Dichloroethene	9.8	U	9.8	1.3	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
cis-1,3-Dichloropropene	9.8	U	9.8	1.4	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
Cyclohexane	9.8	U	9.8	1.4	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
Dichlorodifluoromethane	9.8	U	9.8	0.81	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
Ethylbenzene	9.8	U	9.8	0.68	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
1,2-Dibromoethane	9.8	U	9.8	1.3	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
Isopropylbenzene	9.8	U	9.8	1.5	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
Methyl acetate	49	U	49	5.9	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
Methyl tert-butyl ether	9.8	U	9.8	0.96	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
Methylcyclohexane	9.8	U	9.8	1.5	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
Methylene Chloride	9.8	U	9.8	4.5	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
Styrene	9.8	U	9.8	0.49	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
Tetrachloroethene	9.8	U	9.8	1.3	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
Toluene	9.8	U	9.8	0.74	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
trans-1,2-Dichloroethene	9.8	U	9.8	1.0	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
trans-1,3-Dichloropropene	9.8	U	9.8	4.3	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
Trichloroethene	9.8	U	9.8	2.2	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
Trichlorofluoromethane	9.8	U	9.8	0.93	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
Vinyl chloride	9.8	U	9.8	1.2	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1
Xylenes, Total	20	U	20	1.6	ug/Kg	☆	05/25/21 17:08	05/25/21 21:43	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: GFFC-3-SED

Lab Sample ID: 480-185032-11

Date Collected: 05/20/21 13:00

Matrix: Solid

Date Received: 05/21/21 08:00

Percent Solids: 49.8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	104		71 - 125	05/25/21 17:08	05/25/21 21:43	1
1,2-Dichloroethane-d4 (Surr)	100		64 - 126	05/25/21 17:08	05/25/21 21:43	1
4-Bromofluorobenzene (Surr)	83		72 - 126	05/25/21 17:08	05/25/21 21:43	1
Dibromofluoromethane (Surr)	98		60 - 140	05/25/21 17:08	05/25/21 21:43	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.35	U	0.35	0.068	mg/Kg	✱	05/26/21 07:34	05/27/21 01:52	1
PCB-1221	0.35	U	0.35	0.068	mg/Kg	✱	05/26/21 07:34	05/27/21 01:52	1
PCB-1232	0.35	U	0.35	0.068	mg/Kg	✱	05/26/21 07:34	05/27/21 01:52	1
PCB-1242	0.35	U	0.35	0.068	mg/Kg	✱	05/26/21 07:34	05/27/21 01:52	1
PCB-1248	0.35	U	0.35	0.068	mg/Kg	✱	05/26/21 07:34	05/27/21 01:52	1
PCB-1254	0.35	U	0.35	0.16	mg/Kg	✱	05/26/21 07:34	05/27/21 01:52	1
PCB-1260	0.35	U	0.35	0.16	mg/Kg	✱	05/26/21 07:34	05/27/21 01:52	1
PCB-1262	0.35	U	0.35	0.16	mg/Kg	✱	05/26/21 07:34	05/27/21 01:52	1
PCB-1268	0.35	U	0.35	0.16	mg/Kg	✱	05/26/21 07:34	05/27/21 01:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	121		60 - 154	05/26/21 07:34	05/27/21 01:52	1
Tetrachloro-m-xylene	119		60 - 154	05/26/21 07:34	05/27/21 01:52	1
DCB Decachlorobiphenyl	102		65 - 174	05/26/21 07:34	05/27/21 01:52	1
DCB Decachlorobiphenyl	97		65 - 174	05/26/21 07:34	05/27/21 01:52	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.99	U	0.99	0.32	ug/Kg	✱	06/01/21 08:22	06/03/21 03:28	1
Perfluoropentanoic acid (PFPeA)	0.40	U	0.40	0.077	ug/Kg	✱	06/01/21 08:22	06/03/21 03:28	1
Perfluorohexanoic acid (PFHxA)	0.11	J	0.40	0.044	ug/Kg	✱	06/01/21 08:22	06/03/21 03:28	1
Perfluoroheptanoic acid (PFHpA)	0.043	J	0.40	0.040	ug/Kg	✱	06/01/21 08:22	06/03/21 03:28	1
Perfluorooctanoic acid (PFOA)	0.081	J	0.40	0.050	ug/Kg	✱	06/01/21 08:22	06/03/21 03:28	1
Perfluorononanoic acid (PFNA)	0.40	U	0.40	0.036	ug/Kg	✱	06/01/21 08:22	06/03/21 03:28	1
Perfluorodecanoic acid (PFDA)	0.40	U	0.40	0.024	ug/Kg	✱	06/01/21 08:22	06/03/21 03:28	1
Perfluoroundecanoic acid (PFUnA)	0.075	J	0.40	0.040	ug/Kg	✱	06/01/21 08:22	06/03/21 03:28	1
Perfluorododecanoic acid (PFDoA)	0.10	J	0.40	0.042	ug/Kg	✱	06/01/21 08:22	06/03/21 03:28	1
Perfluorotridecanoic acid (PFTriA)	0.10	J	0.40	0.030	ug/Kg	✱	06/01/21 08:22	06/03/21 03:28	1
Perfluorotetradecanoic acid (PFTeA)	0.069	J	0.40	0.046	ug/Kg	✱	06/01/21 08:22	06/03/21 03:28	1
Perfluorobutanesulfonic acid (PFBS)	0.031	J B	0.40	0.018	ug/Kg	✱	06/01/21 08:22	06/03/21 03:28	1
Perfluorohexanesulfonic acid (PFHxS)	0.18	J	0.40	0.028	ug/Kg	✱	06/01/21 08:22	06/03/21 03:28	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.40	U	0.40	0.030	ug/Kg	✱	06/01/21 08:22	06/03/21 03:28	1
Perfluorooctanesulfonic acid (PFOS)	0.43		0.40	0.032	ug/Kg	✱	06/01/21 08:22	06/03/21 03:28	1
Perfluorodecanesulfonic acid (PFDS)	0.056	J	0.40	0.024	ug/Kg	✱	06/01/21 08:22	06/03/21 03:28	1
Perfluorooctanesulfonamide (PFOSA)	0.40	U	0.40	0.034	ug/Kg	✱	06/01/21 08:22	06/03/21 03:28	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.16	J	3.96	0.073	ug/Kg	✱	06/01/21 08:22	06/03/21 03:28	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: GFFC-3-SED

Lab Sample ID: 480-185032-11

Date Collected: 05/20/21 13:00

Matrix: Solid

Date Received: 05/21/21 08:00

Percent Solids: 49.8

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.15	J	3.96	0.091	ug/Kg	☆	06/01/21 08:22	06/03/21 03:28	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	3.96	U	3.96	0.061	ug/Kg	☆	06/01/21 08:22	06/03/21 03:28	1
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	3.96	U	3.96	0.032	ug/Kg	☆	06/01/21 08:22	06/03/21 03:28	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	81		50 - 150				06/01/21 08:22	06/03/21 03:28	1
13C4 PFHpA	85		50 - 150				06/01/21 08:22	06/03/21 03:28	1
13C4 PFOA	83		50 - 150				06/01/21 08:22	06/03/21 03:28	1
13C4 PFOS	82		50 - 150				06/01/21 08:22	06/03/21 03:28	1
13C5 PFNA	87		50 - 150				06/01/21 08:22	06/03/21 03:28	1
13C4 PFBA	80		25 - 150				06/01/21 08:22	06/03/21 03:28	1
13C2 PFHxA	84		50 - 150				06/01/21 08:22	06/03/21 03:28	1
13C2 PFDA	85		50 - 150				06/01/21 08:22	06/03/21 03:28	1
13C2 PFUnA	88		50 - 150				06/01/21 08:22	06/03/21 03:28	1
13C2 PFDaA	81		50 - 150				06/01/21 08:22	06/03/21 03:28	1
13C8 FOSA	67		25 - 150				06/01/21 08:22	06/03/21 03:28	1
13C5 PFPeA	83		25 - 150				06/01/21 08:22	06/03/21 03:28	1
13C2 PFTeDA	89		50 - 150				06/01/21 08:22	06/03/21 03:28	1
d3-NMeFOSAA	82		50 - 150				06/01/21 08:22	06/03/21 03:28	1
d5-NEtFOSAA	95		50 - 150				06/01/21 08:22	06/03/21 03:28	1
M2-6:2 FTS	85		25 - 150				06/01/21 08:22	06/03/21 03:28	1
M2-8:2 FTS	101		25 - 150				06/01/21 08:22	06/03/21 03:28	1
13C3 PFBS	77		50 - 150				06/01/21 08:22	06/03/21 03:28	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	14000		20.4	9.0	mg/Kg	☆	05/24/21 17:54	05/26/21 01:14	1
Antimony	30.6	U	30.6	0.82	mg/Kg	☆	05/24/21 17:54	05/26/21 01:14	1
Arsenic	12.2		4.1	0.82	mg/Kg	☆	05/24/21 17:54	05/26/21 01:14	1
Barium	246		1.0	0.22	mg/Kg	☆	05/24/21 17:54	05/26/21 01:14	1
Beryllium	0.70		0.41	0.057	mg/Kg	☆	05/24/21 17:54	05/26/21 01:14	1
Cadmium	0.57		0.41	0.061	mg/Kg	☆	05/24/21 17:54	05/26/21 01:14	1
Calcium	13300		102	6.7	mg/Kg	☆	05/24/21 17:54	05/26/21 01:14	1
Chromium	28.7		1.0	0.41	mg/Kg	☆	05/24/21 17:54	05/26/21 01:14	1
Cobalt	20.3		1.0	0.10	mg/Kg	☆	05/24/21 17:54	05/26/21 01:14	1
Copper	18.1		2.0	0.43	mg/Kg	☆	05/24/21 17:54	05/26/21 01:14	1
Iron	46400		20.4	7.2	mg/Kg	☆	05/24/21 17:54	05/26/21 01:14	1
Lead	40.1		2.0	0.49	mg/Kg	☆	05/24/21 17:54	05/26/21 01:14	1
Magnesium	5810		40.9	1.9	mg/Kg	☆	05/24/21 17:54	05/26/21 01:14	1
Manganese	8480	B	0.41	0.065	mg/Kg	☆	05/24/21 17:54	05/26/21 01:14	1
Nickel	25.9		10.2	0.47	mg/Kg	☆	05/24/21 17:54	05/26/21 01:14	1
Potassium	3040		61.3	40.9	mg/Kg	☆	05/24/21 17:54	05/26/21 01:14	1
Selenium	4.4	J	8.2	0.82	mg/Kg	☆	05/24/21 17:54	05/26/21 01:14	1
Silver	1.4		1.2	0.41	mg/Kg	☆	05/24/21 17:54	05/26/21 01:14	1
Sodium	391	B	286	26.6	mg/Kg	☆	05/24/21 17:54	05/26/21 01:14	1
Thallium	3.4	J	12.3	0.61	mg/Kg	☆	05/24/21 17:54	05/26/21 01:14	1
Vanadium	34.4		1.0	0.22	mg/Kg	☆	05/24/21 17:54	05/26/21 01:14	1
Zinc	139		4.1	1.3	mg/Kg	☆	05/24/21 17:54	05/26/21 01:14	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: GFFC-3-SED

Lab Sample ID: 480-185032-11

Date Collected: 05/20/21 13:00

Matrix: Solid

Date Received: 05/21/21 08:00

Percent Solids: 49.8

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.17		0.038	0.016	mg/Kg	☼	05/26/21 15:55	05/26/21 19:29	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: Trip Blank-3

Lab Sample ID: 480-185032-12

Date Collected: 05/19/21 00:00

Matrix: Water

Date Received: 05/21/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/26/21 13:17	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 13:17	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/26/21 13:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/26/21 13:17	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/26/21 13:17	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/26/21 13:17	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/26/21 13:17	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/26/21 13:17	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/26/21 13:17	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 13:17	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/26/21 13:17	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/26/21 13:17	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/26/21 13:17	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/26/21 13:17	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/26/21 13:17	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/26/21 13:17	1
Acetone	10	U	10	3.0	ug/L			05/26/21 13:17	1
Benzene	1.0	U	1.0	0.41	ug/L			05/26/21 13:17	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/26/21 13:17	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/26/21 13:17	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/26/21 13:17	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/26/21 13:17	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/26/21 13:17	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/26/21 13:17	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/26/21 13:17	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/26/21 13:17	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/26/21 13:17	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/26/21 13:17	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/26/21 13:17	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/26/21 13:17	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/26/21 13:17	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/26/21 13:17	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/26/21 13:17	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/26/21 13:17	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/26/21 13:17	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/26/21 13:17	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/26/21 13:17	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/26/21 13:17	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/26/21 13:17	1
Styrene	1.0	U	1.0	0.73	ug/L			05/26/21 13:17	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/26/21 13:17	1
Toluene	1.0	U	1.0	0.51	ug/L			05/26/21 13:17	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/26/21 13:17	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/26/21 13:17	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/26/21 13:17	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/26/21 13:17	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/26/21 13:17	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/26/21 13:17	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: Trip Blank-3

Lab Sample ID: 480-185032-12

Date Collected: 05/19/21 00:00

Matrix: Water

Date Received: 05/21/21 08:00

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	98		80 - 120		05/26/21 13:17	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	91		77 - 120		05/26/21 13:17	1
<i>4-Bromofluorobenzene (Surr)</i>	103		73 - 120		05/26/21 13:17	1
<i>Dibromofluoromethane (Surr)</i>	104		75 - 123		05/26/21 13:17	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-1

Lab Sample ID: 480-185032-13

Date Collected: 05/19/21 09:05

Matrix: Water

Date Received: 05/21/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/26/21 15:59	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 15:59	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/26/21 15:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/26/21 15:59	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/26/21 15:59	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/26/21 15:59	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/26/21 15:59	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/26/21 15:59	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/26/21 15:59	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 15:59	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/26/21 15:59	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/26/21 15:59	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/26/21 15:59	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/26/21 15:59	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/26/21 15:59	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/26/21 15:59	1
Acetone	10	U	10	3.0	ug/L			05/26/21 15:59	1
Benzene	1.0	U	1.0	0.41	ug/L			05/26/21 15:59	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/26/21 15:59	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/26/21 15:59	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/26/21 15:59	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/26/21 15:59	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/26/21 15:59	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/26/21 15:59	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/26/21 15:59	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/26/21 15:59	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/26/21 15:59	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/26/21 15:59	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/26/21 15:59	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/26/21 15:59	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/26/21 15:59	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/26/21 15:59	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/26/21 15:59	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/26/21 15:59	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/26/21 15:59	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/26/21 15:59	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/26/21 15:59	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/26/21 15:59	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/26/21 15:59	1
Styrene	1.0	U	1.0	0.73	ug/L			05/26/21 15:59	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/26/21 15:59	1
Toluene	1.0	U	1.0	0.51	ug/L			05/26/21 15:59	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/26/21 15:59	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/26/21 15:59	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/26/21 15:59	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/26/21 15:59	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/26/21 15:59	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/26/21 15:59	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-1

Lab Sample ID: 480-185032-13

Date Collected: 05/19/21 09:05

Matrix: Water

Date Received: 05/21/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	91		80 - 120		05/26/21 15:59	1
1,2-Dichloroethane-d4 (Surr)	92		77 - 120		05/26/21 15:59	1
4-Bromofluorobenzene (Surr)	89		73 - 120		05/26/21 15:59	1
Dibromofluoromethane (Surr)	83		75 - 123		05/26/21 15:59	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.19	U	0.19	0.095	ug/L		05/24/21 08:42	05/27/21 01:57	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	30		15 - 110				05/24/21 08:42	05/27/21 01:57	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 13:28	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 13:28	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 13:28	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 13:28	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 13:28	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 13:28	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 13:28	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 13:28	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 13:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	89		39 - 121				05/27/21 14:46	05/28/21 13:28	1
Tetrachloro-m-xylene	87		39 - 121				05/27/21 14:46	05/28/21 13:28	1
DCB Decachlorobiphenyl	42		19 - 120				05/27/21 14:46	05/28/21 13:28	1
DCB Decachlorobiphenyl	37		19 - 120				05/27/21 14:46	05/28/21 13:28	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	2.80	J B	4.19	0.75	ng/L		06/01/21 11:55	06/02/21 20:26	1
Perfluoropentanoic acid (PFPeA)	3.14		1.68	0.40	ng/L		06/01/21 11:55	06/02/21 20:26	1
Perfluorohexanoic acid (PFHxA)	4.56	B	1.68	0.38	ng/L		06/01/21 11:55	06/02/21 20:26	1
Perfluoroheptanoic acid (PFHpA)	4.45	B	1.68	0.20	ng/L		06/01/21 11:55	06/02/21 20:26	1
Perfluorooctanoic acid (PFOA)	10.4		1.68	0.36	ng/L		06/01/21 11:55	06/02/21 20:26	1
Perfluorononanoic acid (PFNA)	1.68	U	1.68	0.24	ng/L		06/01/21 11:55	06/02/21 20:26	1
Perfluorodecanoic acid (PFDA)	1.68	U	1.68	0.25	ng/L		06/01/21 11:55	06/02/21 20:26	1
Perfluoroundecanoic acid (PFUnA)	1.68	U	1.68	0.29	ng/L		06/01/21 11:55	06/02/21 20:26	1
Perfluorododecanoic acid (PFDoA)	1.68	U	1.68	0.32	ng/L		06/01/21 11:55	06/02/21 20:26	1
Perfluorotridecanoic acid (PFTriA)	1.68	U	1.68	0.36	ng/L		06/01/21 11:55	06/02/21 20:26	1
Perfluorotetradecanoic acid (PFTeA)	1.68	U	1.68	0.53	ng/L		06/01/21 11:55	06/02/21 20:26	1
Perfluorobutanesulfonic acid (PFBS)	2.44	B	1.68	0.21	ng/L		06/01/21 11:55	06/02/21 20:26	1
Perfluorohexanesulfonic acid (PFHxS)	1.77	B	1.68	0.25	ng/L		06/01/21 11:55	06/02/21 20:26	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.68	U	1.68	0.20	ng/L		06/01/21 11:55	06/02/21 20:26	1
Perfluorodecanesulfonic acid (PFDS)	1.68	U	1.68	0.26	ng/L		06/01/21 11:55	06/02/21 20:26	1
Perfluorooctanesulfonic acid (PFOS)	5.31	B	1.68	0.24	ng/L		06/01/21 11:55	06/02/21 20:26	1
Perfluorooctanesulfonamide (FOSA)	1.68	U	1.68	0.48	ng/L		06/01/21 11:55	06/02/21 20:26	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-1

Lab Sample ID: 480-185032-13

Date Collected: 05/19/21 09:05

Matrix: Water

Date Received: 05/21/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.19	U	4.19	0.76	ng/L		06/01/21 11:55	06/02/21 20:26	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.19	U	4.19	0.62	ng/L		06/01/21 11:55	06/02/21 20:26	1
6:2 FTS	4.19	U	4.19	0.92	ng/L		06/01/21 11:55	06/02/21 20:26	1
8:2 FTS	1.68	U	1.68	0.33	ng/L		06/01/21 11:55	06/02/21 20:26	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	69		25 - 150				06/01/21 11:55	06/02/21 20:26	1
13C4 PFBA	93		25 - 150				06/01/21 11:55	06/02/21 20:26	1
13C5 PFPeA	101		25 - 150				06/01/21 11:55	06/02/21 20:26	1
13C2 PFHxA	104		50 - 150				06/01/21 11:55	06/02/21 20:26	1
13C4 PFHpA	99		50 - 150				06/01/21 11:55	06/02/21 20:26	1
13C4 PFOA	98		50 - 150				06/01/21 11:55	06/02/21 20:26	1
13C5 PFNA	93		50 - 150				06/01/21 11:55	06/02/21 20:26	1
13C2 PFDA	88		50 - 150				06/01/21 11:55	06/02/21 20:26	1
13C2 PFUnA	81		50 - 150				06/01/21 11:55	06/02/21 20:26	1
13C2 PFDoA	69		50 - 150				06/01/21 11:55	06/02/21 20:26	1
13C2 PFTeDA	71		50 - 150				06/01/21 11:55	06/02/21 20:26	1
13C3 PFBS	90		50 - 150				06/01/21 11:55	06/02/21 20:26	1
18O2 PFHxS	86		50 - 150				06/01/21 11:55	06/02/21 20:26	1
13C4 PFOS	80		50 - 150				06/01/21 11:55	06/02/21 20:26	1
d3-NMeFOSAA	89		50 - 150				06/01/21 11:55	06/02/21 20:26	1
d5-NEtFOSAA	89		50 - 150				06/01/21 11:55	06/02/21 20:26	1
M2-6:2 FTS	97		25 - 150				06/01/21 11:55	06/02/21 20:26	1
M2-8:2 FTS	89		25 - 150				06/01/21 11:55	06/02/21 20:26	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	60.0	ug/L		05/26/21 17:25	05/27/21 21:07	1
Antimony	20.0	U	20.0	6.8	ug/L		05/26/21 17:25	05/27/21 21:07	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/26/21 17:25	05/27/21 21:07	1
Barium	19.2		2.0	0.70	ug/L		05/26/21 17:25	05/27/21 21:07	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/26/21 17:25	05/27/21 21:07	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/26/21 17:25	05/27/21 21:07	1
Calcium	42500		500	100	ug/L		05/26/21 17:25	05/27/21 21:07	1
Chromium	1.2	J	4.0	1.0	ug/L		05/26/21 17:25	05/27/21 21:07	1
Cobalt	4.0	U	4.0	0.63	ug/L		05/26/21 17:25	05/27/21 21:07	1
Copper	10.0	U	10.0	1.6	ug/L		05/26/21 17:25	05/27/21 21:07	1
Iron	73.9	B	50.0	19.3	ug/L		05/26/21 17:25	05/27/21 21:07	1
Lead	10.0	U	10.0	3.0	ug/L		05/26/21 17:25	05/27/21 21:07	1
Magnesium	8740		200	43.4	ug/L		05/26/21 17:25	05/27/21 21:07	1
Manganese	2.1	J B	3.0	0.40	ug/L		05/26/21 17:25	05/27/21 21:07	1
Nickel	10.0	U	10.0	1.3	ug/L		05/26/21 17:25	05/27/21 21:07	1
Potassium	913		500	100	ug/L		05/26/21 17:25	05/27/21 21:07	1
Selenium	25.0	U	25.0	8.7	ug/L		05/26/21 17:25	05/27/21 21:07	1
Silver	6.0	U	6.0	1.7	ug/L		05/26/21 17:25	05/27/21 21:07	1
Sodium	41200		1000	324	ug/L		05/26/21 17:25	05/27/21 21:07	1
Thallium	20.0	U	20.0	10.2	ug/L		05/26/21 17:25	05/27/21 21:07	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/26/21 17:25	05/27/21 21:07	1
Zinc	10.0	U	10.0	1.5	ug/L		05/26/21 17:25	05/27/21 21:07	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-1

Lab Sample ID: 480-185032-13

Date Collected: 05/19/21 09:05

Matrix: Water

Date Received: 05/21/21 08:00

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 18:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	306		10.0	4.0	mg/L			05/25/21 10:57	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	4.0	U	4.0	4.0	mg/L			05/22/21 16:47	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-2A

Lab Sample ID: 480-185032-14

Date Collected: 05/19/21 10:35

Matrix: Water

Date Received: 05/21/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/26/21 16:22	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 16:22	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/26/21 16:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/26/21 16:22	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/26/21 16:22	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/26/21 16:22	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/26/21 16:22	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/26/21 16:22	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/26/21 16:22	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 16:22	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/26/21 16:22	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/26/21 16:22	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/26/21 16:22	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/26/21 16:22	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/26/21 16:22	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/26/21 16:22	1
Acetone	10	U	10	3.0	ug/L			05/26/21 16:22	1
Benzene	1.0	U	1.0	0.41	ug/L			05/26/21 16:22	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/26/21 16:22	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/26/21 16:22	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/26/21 16:22	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/26/21 16:22	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/26/21 16:22	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/26/21 16:22	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/26/21 16:22	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/26/21 16:22	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/26/21 16:22	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/26/21 16:22	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/26/21 16:22	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/26/21 16:22	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/26/21 16:22	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/26/21 16:22	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/26/21 16:22	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/26/21 16:22	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/26/21 16:22	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/26/21 16:22	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/26/21 16:22	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/26/21 16:22	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/26/21 16:22	1
Styrene	1.0	U	1.0	0.73	ug/L			05/26/21 16:22	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/26/21 16:22	1
Toluene	1.0	U	1.0	0.51	ug/L			05/26/21 16:22	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/26/21 16:22	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/26/21 16:22	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/26/21 16:22	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/26/21 16:22	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/26/21 16:22	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/26/21 16:22	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-2A

Lab Sample ID: 480-185032-14

Date Collected: 05/19/21 10:35

Matrix: Water

Date Received: 05/21/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		80 - 120		05/26/21 16:22	1
1,2-Dichloroethane-d4 (Surr)	89		77 - 120		05/26/21 16:22	1
4-Bromofluorobenzene (Surr)	84		73 - 120		05/26/21 16:22	1
Dibromofluoromethane (Surr)	83		75 - 123		05/26/21 16:22	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.14	J B	0.19	0.095	ug/L		05/24/21 08:42	05/27/21 02:21	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	29		15 - 110				05/24/21 08:42	05/27/21 02:21	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 13:41	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 13:41	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 13:41	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 13:41	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 13:41	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 13:41	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 13:41	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 13:41	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 13:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	108		39 - 121	05/27/21 14:46	05/28/21 13:41	1
Tetrachloro-m-xylene	106		39 - 121	05/27/21 14:46	05/28/21 13:41	1
DCB Decachlorobiphenyl	97		19 - 120	05/27/21 14:46	05/28/21 13:41	1
DCB Decachlorobiphenyl	95		19 - 120	05/27/21 14:46	05/28/21 13:41	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	2.88	J B	4.38	0.78	ng/L		06/01/21 11:55	06/02/21 20:34	1
Perfluoropentanoic acid (PFPeA)	4.68		1.75	0.42	ng/L		06/01/21 11:55	06/02/21 20:34	1
Perfluorohexanoic acid (PFHxA)	4.98	B	1.75	0.40	ng/L		06/01/21 11:55	06/02/21 20:34	1
Perfluoroheptanoic acid (PFHpA)	1.57	J B	1.75	0.21	ng/L		06/01/21 11:55	06/02/21 20:34	1
Perfluorooctanoic acid (PFOA)	3.82		1.75	0.37	ng/L		06/01/21 11:55	06/02/21 20:34	1
Perfluorononanoic acid (PFNA)	1.75	U	1.75	0.25	ng/L		06/01/21 11:55	06/02/21 20:34	1
Perfluorodecanoic acid (PFDA)	1.75	U	1.75	0.27	ng/L		06/01/21 11:55	06/02/21 20:34	1
Perfluoroundecanoic acid (PFUnA)	1.75	U	1.75	0.30	ng/L		06/01/21 11:55	06/02/21 20:34	1
Perfluorododecanoic acid (PFDoA)	1.75	U	1.75	0.34	ng/L		06/01/21 11:55	06/02/21 20:34	1
Perfluorotridecanoic acid (PFTriA)	1.75	U	1.75	0.38	ng/L		06/01/21 11:55	06/02/21 20:34	1
Perfluorotetradecanoic acid (PFTeA)	1.75	U	1.75	0.55	ng/L		06/01/21 11:55	06/02/21 20:34	1
Perfluorobutanesulfonic acid (PFBS)	3.33	B	1.75	0.22	ng/L		06/01/21 11:55	06/02/21 20:34	1
Perfluorohexanesulfonic acid (PFHxS)	0.83	J B	1.75	0.26	ng/L		06/01/21 11:55	06/02/21 20:34	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.75	U	1.75	0.21	ng/L		06/01/21 11:55	06/02/21 20:34	1
Perfluorodecanesulfonic acid (PFDS)	1.75	U	1.75	0.27	ng/L		06/01/21 11:55	06/02/21 20:34	1
Perfluorooctanesulfonic acid (PFOS)	0.63	J B	1.75	0.26	ng/L		06/01/21 11:55	06/02/21 20:34	1
Perfluorooctanesulfonamide (FOSA)	1.75	U	1.75	0.51	ng/L		06/01/21 11:55	06/02/21 20:34	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-2A

Lab Sample ID: 480-185032-14

Date Collected: 05/19/21 10:35

Matrix: Water

Date Received: 05/21/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.38	U	4.38	0.79	ng/L		06/01/21 11:55	06/02/21 20:34	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.38	U	4.38	0.65	ng/L		06/01/21 11:55	06/02/21 20:34	1
6:2 FTS	4.38	U	4.38	0.96	ng/L		06/01/21 11:55	06/02/21 20:34	1
8:2 FTS	1.75	U	1.75	0.34	ng/L		06/01/21 11:55	06/02/21 20:34	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	72		25 - 150				06/01/21 11:55	06/02/21 20:34	1
13C4 PFBA	83		25 - 150				06/01/21 11:55	06/02/21 20:34	1
13C5 PFPeA	92		25 - 150				06/01/21 11:55	06/02/21 20:34	1
13C2 PFHxA	91		50 - 150				06/01/21 11:55	06/02/21 20:34	1
13C4 PFHpA	95		50 - 150				06/01/21 11:55	06/02/21 20:34	1
13C4 PFOA	96		50 - 150				06/01/21 11:55	06/02/21 20:34	1
13C5 PFNA	95		50 - 150				06/01/21 11:55	06/02/21 20:34	1
13C2 PFDA	98		50 - 150				06/01/21 11:55	06/02/21 20:34	1
13C2 PFUnA	85		50 - 150				06/01/21 11:55	06/02/21 20:34	1
13C2 PFDoA	81		50 - 150				06/01/21 11:55	06/02/21 20:34	1
13C2 PFTeDA	84		50 - 150				06/01/21 11:55	06/02/21 20:34	1
13C3 PFBS	84		50 - 150				06/01/21 11:55	06/02/21 20:34	1
18O2 PFHxS	87		50 - 150				06/01/21 11:55	06/02/21 20:34	1
13C4 PFOS	84		50 - 150				06/01/21 11:55	06/02/21 20:34	1
d3-NMeFOSAA	94		50 - 150				06/01/21 11:55	06/02/21 20:34	1
d5-NEtFOSAA	92		50 - 150				06/01/21 11:55	06/02/21 20:34	1
M2-6:2 FTS	92		25 - 150				06/01/21 11:55	06/02/21 20:34	1
M2-8:2 FTS	95		25 - 150				06/01/21 11:55	06/02/21 20:34	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	60.0	ug/L		05/26/21 17:25	05/27/21 21:11	1
Antimony	20.0	U	20.0	6.8	ug/L		05/26/21 17:25	05/27/21 21:11	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/26/21 17:25	05/27/21 21:11	1
Barium	64.0		2.0	0.70	ug/L		05/26/21 17:25	05/27/21 21:11	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/26/21 17:25	05/27/21 21:11	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/26/21 17:25	05/27/21 21:11	1
Calcium	40900		500	100	ug/L		05/26/21 17:25	05/27/21 21:11	1
Chromium	4.0	U	4.0	1.0	ug/L		05/26/21 17:25	05/27/21 21:11	1
Cobalt	4.0	U	4.0	0.63	ug/L		05/26/21 17:25	05/27/21 21:11	1
Copper	10.0	U	10.0	1.6	ug/L		05/26/21 17:25	05/27/21 21:11	1
Iron	6400	B	50.0	19.3	ug/L		05/26/21 17:25	05/27/21 21:11	1
Lead	10.0	U	10.0	3.0	ug/L		05/26/21 17:25	05/27/21 21:11	1
Magnesium	13600		200	43.4	ug/L		05/26/21 17:25	05/27/21 21:11	1
Manganese	304	B	3.0	0.40	ug/L		05/26/21 17:25	05/27/21 21:11	1
Nickel	10.0	U	10.0	1.3	ug/L		05/26/21 17:25	05/27/21 21:11	1
Potassium	1310		500	100	ug/L		05/26/21 17:25	05/27/21 21:11	1
Selenium	25.0	U	25.0	8.7	ug/L		05/26/21 17:25	05/27/21 21:11	1
Silver	6.0	U	6.0	1.7	ug/L		05/26/21 17:25	05/27/21 21:11	1
Sodium	38700		1000	324	ug/L		05/26/21 17:25	05/27/21 21:11	1
Thallium	20.0	U	20.0	10.2	ug/L		05/26/21 17:25	05/27/21 21:11	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/26/21 17:25	05/27/21 21:11	1
Zinc	10.0	U	10.0	1.5	ug/L		05/26/21 17:25	05/27/21 21:11	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-2A

Lab Sample ID: 480-185032-14

Date Collected: 05/19/21 10:35

Matrix: Water

Date Received: 05/21/21 08:00

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 18:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	323		10.0	4.0	mg/L			05/25/21 10:57	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	8.0		4.0	4.0	mg/L			05/22/21 16:47	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-1A

Lab Sample ID: 480-185032-15

Date Collected: 05/19/21 11:15

Matrix: Water

Date Received: 05/21/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/26/21 16:44	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 16:44	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/26/21 16:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/26/21 16:44	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/26/21 16:44	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/26/21 16:44	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/26/21 16:44	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/26/21 16:44	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/26/21 16:44	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 16:44	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/26/21 16:44	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/26/21 16:44	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/26/21 16:44	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/26/21 16:44	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/26/21 16:44	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/26/21 16:44	1
Acetone	10	U	10	3.0	ug/L			05/26/21 16:44	1
Benzene	1.0	U	1.0	0.41	ug/L			05/26/21 16:44	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/26/21 16:44	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/26/21 16:44	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/26/21 16:44	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/26/21 16:44	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/26/21 16:44	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/26/21 16:44	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/26/21 16:44	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/26/21 16:44	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/26/21 16:44	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/26/21 16:44	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/26/21 16:44	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/26/21 16:44	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/26/21 16:44	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/26/21 16:44	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/26/21 16:44	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/26/21 16:44	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/26/21 16:44	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/26/21 16:44	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/26/21 16:44	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/26/21 16:44	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/26/21 16:44	1
Styrene	1.0	U	1.0	0.73	ug/L			05/26/21 16:44	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/26/21 16:44	1
Toluene	1.0	U	1.0	0.51	ug/L			05/26/21 16:44	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/26/21 16:44	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/26/21 16:44	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/26/21 16:44	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/26/21 16:44	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/26/21 16:44	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/26/21 16:44	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-1A

Lab Sample ID: 480-185032-15

Date Collected: 05/19/21 11:15

Matrix: Water

Date Received: 05/21/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		80 - 120		05/26/21 16:44	1
1,2-Dichloroethane-d4 (Surr)	92		77 - 120		05/26/21 16:44	1
4-Bromofluorobenzene (Surr)	87		73 - 120		05/26/21 16:44	1
Dibromofluoromethane (Surr)	93		75 - 123		05/26/21 16:44	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.19	U	0.19	0.096	ug/L		05/24/21 08:42	05/27/21 02:45	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	29		15 - 110				05/24/21 08:42	05/27/21 02:45	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 13:54	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 13:54	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 13:54	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 13:54	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 13:54	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 13:54	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 13:54	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 13:54	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 13:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	100		39 - 121	05/27/21 14:46	05/28/21 13:54	1
Tetrachloro-m-xylene	96		39 - 121	05/27/21 14:46	05/28/21 13:54	1
DCB Decachlorobiphenyl	83		19 - 120	05/27/21 14:46	05/28/21 13:54	1
DCB Decachlorobiphenyl	75		19 - 120	05/27/21 14:46	05/28/21 13:54	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.96	J B	4.16	0.74	ng/L		06/01/21 11:55	06/02/21 20:42	1
Perfluoropentanoic acid (PFPeA)	1.66	U	1.66	0.39	ng/L		06/01/21 11:55	06/02/21 20:42	1
Perfluorohexanoic acid (PFHxA)	1.66	U	1.66	0.38	ng/L		06/01/21 11:55	06/02/21 20:42	1
Perfluoroheptanoic acid (PFHpA)	1.66	U	1.66	0.20	ng/L		06/01/21 11:55	06/02/21 20:42	1
Perfluorooctanoic acid (PFOA)	1.66	U	1.66	0.35	ng/L		06/01/21 11:55	06/02/21 20:42	1
Perfluorononanoic acid (PFNA)	1.66	U	1.66	0.23	ng/L		06/01/21 11:55	06/02/21 20:42	1
Perfluorodecanoic acid (PFDA)	1.66	U	1.66	0.25	ng/L		06/01/21 11:55	06/02/21 20:42	1
Perfluoroundecanoic acid (PFUnA)	1.66	U	1.66	0.29	ng/L		06/01/21 11:55	06/02/21 20:42	1
Perfluorododecanoic acid (PFDoA)	1.66	U	1.66	0.32	ng/L		06/01/21 11:55	06/02/21 20:42	1
Perfluorotridecanoic acid (PFTriA)	1.66	U	1.66	0.36	ng/L		06/01/21 11:55	06/02/21 20:42	1
Perfluorotetradecanoic acid (PFTeA)	1.66	U	1.66	0.53	ng/L		06/01/21 11:55	06/02/21 20:42	1
Perfluorobutanesulfonic acid (PFBS)	1.66	U	1.66	0.21	ng/L		06/01/21 11:55	06/02/21 20:42	1
Perfluorohexanesulfonic acid (PFHxS)	1.66	U	1.66	0.25	ng/L		06/01/21 11:55	06/02/21 20:42	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.66	U	1.66	0.19	ng/L		06/01/21 11:55	06/02/21 20:42	1
Perfluorodecanesulfonic acid (PFDS)	1.66	U	1.66	0.25	ng/L		06/01/21 11:55	06/02/21 20:42	1
Perfluorooctanesulfonic acid (PFOS)	1.66	U	1.66	0.24	ng/L		06/01/21 11:55	06/02/21 20:42	1
Perfluorooctanesulfonamide (FOSA)	1.66	U	1.66	0.48	ng/L		06/01/21 11:55	06/02/21 20:42	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.16	U	4.16	0.75	ng/L		06/01/21 11:55	06/02/21 20:42	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-1A

Lab Sample ID: 480-185032-15

Date Collected: 05/19/21 11:15

Matrix: Water

Date Received: 05/21/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.16	U	4.16	0.62	ng/L		06/01/21 11:55	06/02/21 20:42	1
6:2 FTS	4.16	U	4.16	0.91	ng/L		06/01/21 11:55	06/02/21 20:42	1
8:2 FTS	1.66	U	1.66	0.32	ng/L		06/01/21 11:55	06/02/21 20:42	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	76		25 - 150				06/01/21 11:55	06/02/21 20:42	1
13C4 PFBA	87		25 - 150				06/01/21 11:55	06/02/21 20:42	1
13C5 PFPeA	98		25 - 150				06/01/21 11:55	06/02/21 20:42	1
13C2 PFHxA	96		50 - 150				06/01/21 11:55	06/02/21 20:42	1
13C4 PFHpA	95		50 - 150				06/01/21 11:55	06/02/21 20:42	1
13C4 PFOA	97		50 - 150				06/01/21 11:55	06/02/21 20:42	1
13C5 PFNA	95		50 - 150				06/01/21 11:55	06/02/21 20:42	1
13C2 PFDA	92		50 - 150				06/01/21 11:55	06/02/21 20:42	1
13C2 PFUnA	83		50 - 150				06/01/21 11:55	06/02/21 20:42	1
13C2 PFDoA	77		50 - 150				06/01/21 11:55	06/02/21 20:42	1
13C2 PFTeDA	75		50 - 150				06/01/21 11:55	06/02/21 20:42	1
13C3 PFBS	85		50 - 150				06/01/21 11:55	06/02/21 20:42	1
18O2 PFHxS	85		50 - 150				06/01/21 11:55	06/02/21 20:42	1
13C4 PFOS	81		50 - 150				06/01/21 11:55	06/02/21 20:42	1
d3-NMeFOSAA	101		50 - 150				06/01/21 11:55	06/02/21 20:42	1
d5-NEtFOSAA	101		50 - 150				06/01/21 11:55	06/02/21 20:42	1
M2-6:2 FTS	92		25 - 150				06/01/21 11:55	06/02/21 20:42	1
M2-8:2 FTS	90		25 - 150				06/01/21 11:55	06/02/21 20:42	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	116	J	200	60.0	ug/L		05/26/21 17:25	05/27/21 21:15	1
Antimony	20.0	U	20.0	6.8	ug/L		05/26/21 17:25	05/27/21 21:15	1
Arsenic	7.6	J	15.0	5.6	ug/L		05/26/21 17:25	05/27/21 21:15	1
Barium	7.9		2.0	0.70	ug/L		05/26/21 17:25	05/27/21 21:15	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/26/21 17:25	05/27/21 21:15	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/26/21 17:25	05/27/21 21:15	1
Calcium	12800		500	100	ug/L		05/26/21 17:25	05/27/21 21:15	1
Chromium	4.0	U	4.0	1.0	ug/L		05/26/21 17:25	05/27/21 21:15	1
Cobalt	4.0	U	4.0	0.63	ug/L		05/26/21 17:25	05/27/21 21:15	1
Copper	10.0	U	10.0	1.6	ug/L		05/26/21 17:25	05/27/21 21:15	1
Iron	24.4	J B	50.0	19.3	ug/L		05/26/21 17:25	05/27/21 21:15	1
Lead	10.0	U	10.0	3.0	ug/L		05/26/21 17:25	05/27/21 21:15	1
Magnesium	1370		200	43.4	ug/L		05/26/21 17:25	05/27/21 21:15	1
Manganese	9.9	B	3.0	0.40	ug/L		05/26/21 17:25	05/27/21 21:15	1
Nickel	10.0	U	10.0	1.3	ug/L		05/26/21 17:25	05/27/21 21:15	1
Potassium	430	J	500	100	ug/L		05/26/21 17:25	05/27/21 21:15	1
Selenium	25.0	U	25.0	8.7	ug/L		05/26/21 17:25	05/27/21 21:15	1
Silver	6.0	U	6.0	1.7	ug/L		05/26/21 17:25	05/27/21 21:15	1
Sodium	20000		1000	324	ug/L		05/26/21 17:25	05/27/21 21:15	1
Thallium	20.0	U	20.0	10.2	ug/L		05/26/21 17:25	05/27/21 21:15	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/26/21 17:25	05/27/21 21:15	1
Zinc	10.0	U	10.0	1.5	ug/L		05/26/21 17:25	05/27/21 21:15	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-1A

Lab Sample ID: 480-185032-15

Date Collected: 05/19/21 11:15

Matrix: Water

Date Received: 05/21/21 08:00

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 18:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	126		10.0	4.0	mg/L			05/25/21 10:57	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	4.0	U	4.0	4.0	mg/L			05/22/21 16:47	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: DUP-MW

Lab Sample ID: 480-185032-16

Date Collected: 05/19/21 10:00

Matrix: Water

Date Received: 05/21/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/26/21 17:06	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 17:06	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/26/21 17:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/26/21 17:06	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/26/21 17:06	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/26/21 17:06	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/26/21 17:06	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/26/21 17:06	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/26/21 17:06	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 17:06	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/26/21 17:06	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/26/21 17:06	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/26/21 17:06	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/26/21 17:06	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/26/21 17:06	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/26/21 17:06	1
Acetone	10	U	10	3.0	ug/L			05/26/21 17:06	1
Benzene	1.0	U	1.0	0.41	ug/L			05/26/21 17:06	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/26/21 17:06	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/26/21 17:06	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/26/21 17:06	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/26/21 17:06	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/26/21 17:06	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/26/21 17:06	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/26/21 17:06	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/26/21 17:06	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/26/21 17:06	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/26/21 17:06	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/26/21 17:06	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/26/21 17:06	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/26/21 17:06	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/26/21 17:06	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/26/21 17:06	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/26/21 17:06	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/26/21 17:06	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/26/21 17:06	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/26/21 17:06	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/26/21 17:06	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/26/21 17:06	1
Styrene	1.0	U	1.0	0.73	ug/L			05/26/21 17:06	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/26/21 17:06	1
Toluene	1.0	U	1.0	0.51	ug/L			05/26/21 17:06	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/26/21 17:06	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/26/21 17:06	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/26/21 17:06	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/26/21 17:06	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/26/21 17:06	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/26/21 17:06	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: DUP-MW

Lab Sample ID: 480-185032-16

Date Collected: 05/19/21 10:00

Matrix: Water

Date Received: 05/21/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	92		80 - 120		05/26/21 17:06	1
1,2-Dichloroethane-d4 (Surr)	88		77 - 120		05/26/21 17:06	1
4-Bromofluorobenzene (Surr)	84		73 - 120		05/26/21 17:06	1
Dibromofluoromethane (Surr)	84		75 - 123		05/26/21 17:06	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.20	U	0.20	0.10	ug/L		05/24/21 08:42	05/27/21 03:08	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	29		15 - 110				05/24/21 08:42	05/27/21 03:08	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 14:06	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 14:06	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 14:06	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 14:06	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 14:06	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 14:06	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 14:06	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 14:06	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 14:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	106		39 - 121	05/27/21 14:46	05/28/21 14:06	1
Tetrachloro-m-xylene	103		39 - 121	05/27/21 14:46	05/28/21 14:06	1
DCB Decachlorobiphenyl	76		19 - 120	05/27/21 14:46	05/28/21 14:06	1
DCB Decachlorobiphenyl	73		19 - 120	05/27/21 14:46	05/28/21 14:06	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	4.16	U	4.16	0.74	ng/L		06/01/21 11:55	06/02/21 20:59	1
Perfluoropentanoic acid (PFPeA)	1.66	U	1.66	0.39	ng/L		06/01/21 11:55	06/02/21 20:59	1
Perfluorohexanoic acid (PFHxA)	1.66	U	1.66	0.38	ng/L		06/01/21 11:55	06/02/21 20:59	1
Perfluoroheptanoic acid (PFHpA)	1.66	U	1.66	0.20	ng/L		06/01/21 11:55	06/02/21 20:59	1
Perfluorooctanoic acid (PFOA)	1.66	U	1.66	0.35	ng/L		06/01/21 11:55	06/02/21 20:59	1
Perfluorononanoic acid (PFNA)	1.66	U	1.66	0.23	ng/L		06/01/21 11:55	06/02/21 20:59	1
Perfluorodecanoic acid (PFDA)	1.66	U	1.66	0.25	ng/L		06/01/21 11:55	06/02/21 20:59	1
Perfluoroundecanoic acid (PFUnA)	1.66	U	1.66	0.29	ng/L		06/01/21 11:55	06/02/21 20:59	1
Perfluorododecanoic acid (PFDoA)	1.66	U	1.66	0.32	ng/L		06/01/21 11:55	06/02/21 20:59	1
Perfluorotridecanoic acid (PFTriA)	1.66	U	1.66	0.36	ng/L		06/01/21 11:55	06/02/21 20:59	1
Perfluorotetradecanoic acid (PFTeA)	1.66	U	1.66	0.53	ng/L		06/01/21 11:55	06/02/21 20:59	1
Perfluorobutanesulfonic acid (PFBS)	1.66	U	1.66	0.21	ng/L		06/01/21 11:55	06/02/21 20:59	1
Perfluorohexanesulfonic acid (PFHxS)	1.66	U	1.66	0.25	ng/L		06/01/21 11:55	06/02/21 20:59	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.66	U	1.66	0.19	ng/L		06/01/21 11:55	06/02/21 20:59	1
Perfluorodecanesulfonic acid (PFDS)	1.66	U	1.66	0.25	ng/L		06/01/21 11:55	06/02/21 20:59	1
Perfluorooctanesulfonic acid (PFOS)	1.66	U	1.66	0.24	ng/L		06/01/21 11:55	06/02/21 20:59	1
Perfluorooctanesulfonamide (FOSA)	1.66	U	1.66	0.48	ng/L		06/01/21 11:55	06/02/21 20:59	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.16	U	4.16	0.75	ng/L		06/01/21 11:55	06/02/21 20:59	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: DUP-MW

Lab Sample ID: 480-185032-16

Date Collected: 05/19/21 10:00

Matrix: Water

Date Received: 05/21/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.16	U	4.16	0.62	ng/L		06/01/21 11:55	06/02/21 20:59	1
6:2 FTS	4.16	U	4.16	0.91	ng/L		06/01/21 11:55	06/02/21 20:59	1
8:2 FTS	1.66	U	1.66	0.32	ng/L		06/01/21 11:55	06/02/21 20:59	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	77		25 - 150				06/01/21 11:55	06/02/21 20:59	1
13C4 PFBA	91		25 - 150				06/01/21 11:55	06/02/21 20:59	1
13C5 PFPeA	106		25 - 150				06/01/21 11:55	06/02/21 20:59	1
13C2 PFHxA	102		50 - 150				06/01/21 11:55	06/02/21 20:59	1
13C4 PFHpA	100		50 - 150				06/01/21 11:55	06/02/21 20:59	1
13C4 PFOA	103		50 - 150				06/01/21 11:55	06/02/21 20:59	1
13C5 PFNA	98		50 - 150				06/01/21 11:55	06/02/21 20:59	1
13C2 PFDA	90		50 - 150				06/01/21 11:55	06/02/21 20:59	1
13C2 PFUnA	79		50 - 150				06/01/21 11:55	06/02/21 20:59	1
13C2 PFDoA	72		50 - 150				06/01/21 11:55	06/02/21 20:59	1
13C2 PFTeDA	75		50 - 150				06/01/21 11:55	06/02/21 20:59	1
13C3 PFBS	88		50 - 150				06/01/21 11:55	06/02/21 20:59	1
18O2 PFHxS	89		50 - 150				06/01/21 11:55	06/02/21 20:59	1
13C4 PFOS	84		50 - 150				06/01/21 11:55	06/02/21 20:59	1
d3-NMeFOSAA	88		50 - 150				06/01/21 11:55	06/02/21 20:59	1
d5-NEtFOSAA	91		50 - 150				06/01/21 11:55	06/02/21 20:59	1
M2-6:2 FTS	93		25 - 150				06/01/21 11:55	06/02/21 20:59	1
M2-8:2 FTS	99		25 - 150				06/01/21 11:55	06/02/21 20:59	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	80.8	J	200	60.0	ug/L		05/26/21 17:25	05/27/21 21:18	1
Antimony	20.0	U	20.0	6.8	ug/L		05/26/21 17:25	05/27/21 21:18	1
Arsenic	9.6	J	15.0	5.6	ug/L		05/26/21 17:25	05/27/21 21:18	1
Barium	7.9		2.0	0.70	ug/L		05/26/21 17:25	05/27/21 21:18	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/26/21 17:25	05/27/21 21:18	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/26/21 17:25	05/27/21 21:18	1
Calcium	12800		500	100	ug/L		05/26/21 17:25	05/27/21 21:18	1
Chromium	4.0	U	4.0	1.0	ug/L		05/26/21 17:25	05/27/21 21:18	1
Cobalt	4.0	U	4.0	0.63	ug/L		05/26/21 17:25	05/27/21 21:18	1
Copper	10.0	U	10.0	1.6	ug/L		05/26/21 17:25	05/27/21 21:18	1
Iron	21.7	J B	50.0	19.3	ug/L		05/26/21 17:25	05/27/21 21:18	1
Lead	10.0	U	10.0	3.0	ug/L		05/26/21 17:25	05/27/21 21:18	1
Magnesium	1390		200	43.4	ug/L		05/26/21 17:25	05/27/21 21:18	1
Manganese	10	B	3.0	0.40	ug/L		05/26/21 17:25	05/27/21 21:18	1
Nickel	10.0	U	10.0	1.3	ug/L		05/26/21 17:25	05/27/21 21:18	1
Potassium	398	J	500	100	ug/L		05/26/21 17:25	05/27/21 21:18	1
Selenium	25.0	U	25.0	8.7	ug/L		05/26/21 17:25	05/27/21 21:18	1
Silver	6.0	U	6.0	1.7	ug/L		05/26/21 17:25	05/27/21 21:18	1
Sodium	20000		1000	324	ug/L		05/26/21 17:25	05/27/21 21:18	1
Thallium	20.0	U	20.0	10.2	ug/L		05/26/21 17:25	05/27/21 21:18	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/26/21 17:25	05/27/21 21:18	1
Zinc	10.0	U	10.0	1.5	ug/L		05/26/21 17:25	05/27/21 21:18	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: DUP-MW

Lab Sample ID: 480-185032-16

Date Collected: 05/19/21 10:00

Matrix: Water

Date Received: 05/21/21 08:00

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 18:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	121		10.0	4.0	mg/L			05/25/21 10:57	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	4.0	U	4.0	4.0	mg/L			05/22/21 16:47	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-2

Lab Sample ID: 480-185032-17

Date Collected: 05/19/21 12:10

Matrix: Water

Date Received: 05/21/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/26/21 17:29	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 17:29	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/26/21 17:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/26/21 17:29	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/26/21 17:29	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/26/21 17:29	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/26/21 17:29	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/26/21 17:29	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/26/21 17:29	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 17:29	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/26/21 17:29	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/26/21 17:29	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/26/21 17:29	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/26/21 17:29	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/26/21 17:29	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/26/21 17:29	1
Acetone	10	U	10	3.0	ug/L			05/26/21 17:29	1
Benzene	1.0	U	1.0	0.41	ug/L			05/26/21 17:29	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/26/21 17:29	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/26/21 17:29	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/26/21 17:29	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/26/21 17:29	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/26/21 17:29	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/26/21 17:29	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/26/21 17:29	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/26/21 17:29	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/26/21 17:29	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/26/21 17:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/26/21 17:29	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/26/21 17:29	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/26/21 17:29	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/26/21 17:29	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/26/21 17:29	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/26/21 17:29	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/26/21 17:29	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/26/21 17:29	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/26/21 17:29	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/26/21 17:29	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/26/21 17:29	1
Styrene	1.0	U	1.0	0.73	ug/L			05/26/21 17:29	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/26/21 17:29	1
Toluene	1.0	U	1.0	0.51	ug/L			05/26/21 17:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/26/21 17:29	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/26/21 17:29	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/26/21 17:29	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/26/21 17:29	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/26/21 17:29	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/26/21 17:29	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-2

Lab Sample ID: 480-185032-17

Date Collected: 05/19/21 12:10

Matrix: Water

Date Received: 05/21/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	91		80 - 120		05/26/21 17:29	1
1,2-Dichloroethane-d4 (Surr)	90		77 - 120		05/26/21 17:29	1
4-Bromofluorobenzene (Surr)	85		73 - 120		05/26/21 17:29	1
Dibromofluoromethane (Surr)	86		75 - 123		05/26/21 17:29	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.19	U	0.19	0.095	ug/L		05/24/21 08:42	05/27/21 03:32	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	29		15 - 110				05/24/21 08:42	05/27/21 03:32	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 14:19	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 14:19	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 14:19	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 14:19	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 14:19	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 14:19	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 14:19	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 14:19	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 14:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	95		39 - 121	05/27/21 14:46	05/28/21 14:19	1
Tetrachloro-m-xylene	95		39 - 121	05/27/21 14:46	05/28/21 14:19	1
DCB Decachlorobiphenyl	78		19 - 120	05/27/21 14:46	05/28/21 14:19	1
DCB Decachlorobiphenyl	74		19 - 120	05/27/21 14:46	05/28/21 14:19	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	5.96	B	4.16	0.74	ng/L		06/01/21 11:55	06/02/21 21:07	1
Perfluoropentanoic acid (PFPeA)	1.15	J	1.66	0.39	ng/L		06/01/21 11:55	06/02/21 21:07	1
Perfluorohexanoic acid (PFHxA)	2.21	B	1.66	0.38	ng/L		06/01/21 11:55	06/02/21 21:07	1
Perfluoroheptanoic acid (PFHpA)	2.38	B	1.66	0.20	ng/L		06/01/21 11:55	06/02/21 21:07	1
Perfluorooctanoic acid (PFOA)	26.9		1.66	0.35	ng/L		06/01/21 11:55	06/02/21 21:07	1
Perfluorononanoic acid (PFNA)	0.69	J B	1.66	0.23	ng/L		06/01/21 11:55	06/02/21 21:07	1
Perfluorodecanoic acid (PFDA)	1.66	U	1.66	0.25	ng/L		06/01/21 11:55	06/02/21 21:07	1
Perfluoroundecanoic acid (PFUnA)	1.66	U	1.66	0.29	ng/L		06/01/21 11:55	06/02/21 21:07	1
Perfluorododecanoic acid (PFDoA)	1.66	U	1.66	0.32	ng/L		06/01/21 11:55	06/02/21 21:07	1
Perfluorotridecanoic acid (PFTriA)	1.66	U	1.66	0.36	ng/L		06/01/21 11:55	06/02/21 21:07	1
Perfluorotetradecanoic acid (PFTeA)	1.66	U	1.66	0.53	ng/L		06/01/21 11:55	06/02/21 21:07	1
Perfluorobutanesulfonic acid (PFBS)	1.69	B	1.66	0.21	ng/L		06/01/21 11:55	06/02/21 21:07	1
Perfluorohexanesulfonic acid (PFHxS)	1.44	J B	1.66	0.25	ng/L		06/01/21 11:55	06/02/21 21:07	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.55	J B	1.66	0.19	ng/L		06/01/21 11:55	06/02/21 21:07	1
Perfluorodecanesulfonic acid (PFDS)	1.66	U	1.66	0.25	ng/L		06/01/21 11:55	06/02/21 21:07	1
Perfluorooctanesulfonic acid (PFOS)	30.7	B	1.66	0.24	ng/L		06/01/21 11:55	06/02/21 21:07	1
Perfluorooctanesulfonamide (FOSA)	1.66	U	1.66	0.48	ng/L		06/01/21 11:55	06/02/21 21:07	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-2

Lab Sample ID: 480-185032-17

Date Collected: 05/19/21 12:10

Matrix: Water

Date Received: 05/21/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.16	U	4.16	0.75	ng/L		06/01/21 11:55	06/02/21 21:07	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.16	U	4.16	0.62	ng/L		06/01/21 11:55	06/02/21 21:07	1
6:2 FTS	4.16	U	4.16	0.91	ng/L		06/01/21 11:55	06/02/21 21:07	1
8:2 FTS	1.66	U	1.66	0.32	ng/L		06/01/21 11:55	06/02/21 21:07	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	79		25 - 150				06/01/21 11:55	06/02/21 21:07	1
13C4 PFBA	74		25 - 150				06/01/21 11:55	06/02/21 21:07	1
13C5 PFPeA	90		25 - 150				06/01/21 11:55	06/02/21 21:07	1
13C2 PFHxA	94		50 - 150				06/01/21 11:55	06/02/21 21:07	1
13C4 PFHpA	96		50 - 150				06/01/21 11:55	06/02/21 21:07	1
13C4 PFOA	98		50 - 150				06/01/21 11:55	06/02/21 21:07	1
13C5 PFNA	100		50 - 150				06/01/21 11:55	06/02/21 21:07	1
13C2 PFDA	105		50 - 150				06/01/21 11:55	06/02/21 21:07	1
13C2 PFUnA	96		50 - 150				06/01/21 11:55	06/02/21 21:07	1
13C2 PFDoA	90		50 - 150				06/01/21 11:55	06/02/21 21:07	1
13C2 PFTeDA	92		50 - 150				06/01/21 11:55	06/02/21 21:07	1
13C3 PFBS	87		50 - 150				06/01/21 11:55	06/02/21 21:07	1
18O2 PFHxS	92		50 - 150				06/01/21 11:55	06/02/21 21:07	1
13C4 PFOS	96		50 - 150				06/01/21 11:55	06/02/21 21:07	1
d3-NMeFOSAA	107		50 - 150				06/01/21 11:55	06/02/21 21:07	1
d5-NEtFOSAA	117		50 - 150				06/01/21 11:55	06/02/21 21:07	1
M2-6:2 FTS	96		25 - 150				06/01/21 11:55	06/02/21 21:07	1
M2-8:2 FTS	113		25 - 150				06/01/21 11:55	06/02/21 21:07	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	60.0	ug/L		05/26/21 17:25	05/27/21 21:22	1
Antimony	20.0	U	20.0	6.8	ug/L		05/26/21 17:25	05/27/21 21:22	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/26/21 17:25	05/27/21 21:22	1
Barium	22.3		2.0	0.70	ug/L		05/26/21 17:25	05/27/21 21:22	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/26/21 17:25	05/27/21 21:22	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/26/21 17:25	05/27/21 21:22	1
Calcium	142000		500	100	ug/L		05/26/21 17:25	05/27/21 21:22	1
Chromium	4.0	U	4.0	1.0	ug/L		05/26/21 17:25	05/27/21 21:22	1
Cobalt	4.0	U	4.0	0.63	ug/L		05/26/21 17:25	05/27/21 21:22	1
Copper	10.0	U	10.0	1.6	ug/L		05/26/21 17:25	05/27/21 21:22	1
Iron	14700	B	50.0	19.3	ug/L		05/26/21 17:25	05/27/21 21:22	1
Lead	10.0	U	10.0	3.0	ug/L		05/26/21 17:25	05/27/21 21:22	1
Magnesium	23200		200	43.4	ug/L		05/26/21 17:25	05/27/21 21:22	1
Manganese	1270	B	3.0	0.40	ug/L		05/26/21 17:25	05/27/21 21:22	1
Nickel	10.0	U	10.0	1.3	ug/L		05/26/21 17:25	05/27/21 21:22	1
Potassium	1120		500	100	ug/L		05/26/21 17:25	05/27/21 21:22	1
Selenium	25.0	U	25.0	8.7	ug/L		05/26/21 17:25	05/27/21 21:22	1
Silver	6.0	U	6.0	1.7	ug/L		05/26/21 17:25	05/27/21 21:22	1
Sodium	17200		1000	324	ug/L		05/26/21 17:25	05/27/21 21:22	1
Thallium	20.0	U	20.0	10.2	ug/L		05/26/21 17:25	05/27/21 21:22	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/26/21 17:25	05/27/21 21:22	1
Zinc	1.6	J	10.0	1.5	ug/L		05/26/21 17:25	05/27/21 21:22	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-2

Date Collected: 05/19/21 12:10

Date Received: 05/21/21 08:00

Lab Sample ID: 480-185032-17

Matrix: Water

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 18:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	510		10.0	4.0	mg/L			05/25/21 10:57	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	16.8		4.0	4.0	mg/L			05/22/21 16:47	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: EB-1

Lab Sample ID: 480-185032-18

Date Collected: 05/19/21 13:30

Matrix: Water

Date Received: 05/21/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/26/21 13:40	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 13:40	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/26/21 13:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/26/21 13:40	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/26/21 13:40	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/26/21 13:40	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/26/21 13:40	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/26/21 13:40	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/26/21 13:40	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 13:40	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/26/21 13:40	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/26/21 13:40	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/26/21 13:40	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/26/21 13:40	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/26/21 13:40	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/26/21 13:40	1
Acetone	10	U	10	3.0	ug/L			05/26/21 13:40	1
Benzene	1.0	U	1.0	0.41	ug/L			05/26/21 13:40	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/26/21 13:40	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/26/21 13:40	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/26/21 13:40	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/26/21 13:40	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/26/21 13:40	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/26/21 13:40	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/26/21 13:40	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/26/21 13:40	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/26/21 13:40	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/26/21 13:40	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/26/21 13:40	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/26/21 13:40	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/26/21 13:40	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/26/21 13:40	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/26/21 13:40	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/26/21 13:40	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/26/21 13:40	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/26/21 13:40	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/26/21 13:40	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/26/21 13:40	1
Methylene Chloride	0.55	J	1.0	0.44	ug/L			05/26/21 13:40	1
Styrene	1.0	U	1.0	0.73	ug/L			05/26/21 13:40	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/26/21 13:40	1
Toluene	1.0	U	1.0	0.51	ug/L			05/26/21 13:40	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/26/21 13:40	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/26/21 13:40	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/26/21 13:40	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/26/21 13:40	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/26/21 13:40	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/26/21 13:40	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: EB-1

Lab Sample ID: 480-185032-18

Date Collected: 05/19/21 13:30

Matrix: Water

Date Received: 05/21/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		05/26/21 13:40	1
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		05/26/21 13:40	1
4-Bromofluorobenzene (Surr)	104		73 - 120		05/26/21 13:40	1
Dibromofluoromethane (Surr)	108		75 - 123		05/26/21 13:40	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.20	U	0.20	0.10	ug/L		05/24/21 08:42	05/27/21 03:55	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	30		15 - 110				05/24/21 08:42	05/27/21 03:55	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 14:32	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 14:32	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 14:32	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 14:32	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 14:32	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 14:32	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 14:32	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 14:32	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 14:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	107		39 - 121	05/27/21 14:46	05/28/21 14:32	1
Tetrachloro-m-xylene	105		39 - 121	05/27/21 14:46	05/28/21 14:32	1
DCB Decachlorobiphenyl	91		19 - 120	05/27/21 14:46	05/28/21 14:32	1
DCB Decachlorobiphenyl	86		19 - 120	05/27/21 14:46	05/28/21 14:32	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	4.19	U	4.19	0.75	ng/L		06/01/21 11:55	06/02/21 21:15	1
Perfluoropentanoic acid (PFPeA)	1.68	U	1.68	0.40	ng/L		06/01/21 11:55	06/02/21 21:15	1
Perfluorohexanoic acid (PFHxA)	1.68	U	1.68	0.38	ng/L		06/01/21 11:55	06/02/21 21:15	1
Perfluoroheptanoic acid (PFHpA)	1.68	U	1.68	0.20	ng/L		06/01/21 11:55	06/02/21 21:15	1
Perfluorooctanoic acid (PFOA)	1.68	U	1.68	0.36	ng/L		06/01/21 11:55	06/02/21 21:15	1
Perfluorononanoic acid (PFNA)	1.68	U	1.68	0.24	ng/L		06/01/21 11:55	06/02/21 21:15	1
Perfluorodecanoic acid (PFDA)	1.68	U	1.68	0.26	ng/L		06/01/21 11:55	06/02/21 21:15	1
Perfluoroundecanoic acid (PFUnA)	1.68	U	1.68	0.29	ng/L		06/01/21 11:55	06/02/21 21:15	1
Perfluorododecanoic acid (PFDoA)	1.68	U	1.68	0.32	ng/L		06/01/21 11:55	06/02/21 21:15	1
Perfluorotridecanoic acid (PFTriA)	1.68	U	1.68	0.36	ng/L		06/01/21 11:55	06/02/21 21:15	1
Perfluorotetradecanoic acid (PFTeA)	1.68	U	1.68	0.53	ng/L		06/01/21 11:55	06/02/21 21:15	1
Perfluorobutanesulfonic acid (PFBS)	1.68	U	1.68	0.21	ng/L		06/01/21 11:55	06/02/21 21:15	1
Perfluorohexanesulfonic acid (PFHxS)	1.68	U	1.68	0.25	ng/L		06/01/21 11:55	06/02/21 21:15	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.68	U	1.68	0.20	ng/L		06/01/21 11:55	06/02/21 21:15	1
Perfluorodecanesulfonic acid (PFDS)	1.68	U	1.68	0.26	ng/L		06/01/21 11:55	06/02/21 21:15	1
Perfluorooctanesulfonic acid (PFOS)	1.68	U	1.68	0.24	ng/L		06/01/21 11:55	06/02/21 21:15	1
Perfluorooctanesulfonamide (FOSA)	1.68	U	1.68	0.48	ng/L		06/01/21 11:55	06/02/21 21:15	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.19	U	4.19	0.76	ng/L		06/01/21 11:55	06/02/21 21:15	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: EB-1

Lab Sample ID: 480-185032-18

Date Collected: 05/19/21 13:30

Matrix: Water

Date Received: 05/21/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.19	U	4.19	0.62	ng/L		06/01/21 11:55	06/02/21 21:15	1
6:2 FTS	4.19	U	4.19	0.92	ng/L		06/01/21 11:55	06/02/21 21:15	1
8:2 FTS	1.68	U	1.68	0.33	ng/L		06/01/21 11:55	06/02/21 21:15	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	64		25 - 150				06/01/21 11:55	06/02/21 21:15	1
13C4 PFBA	101		25 - 150				06/01/21 11:55	06/02/21 21:15	1
13C5 PFPeA	102		25 - 150				06/01/21 11:55	06/02/21 21:15	1
13C2 PFHxA	100		50 - 150				06/01/21 11:55	06/02/21 21:15	1
13C4 PFHpA	98		50 - 150				06/01/21 11:55	06/02/21 21:15	1
13C4 PFOA	98		50 - 150				06/01/21 11:55	06/02/21 21:15	1
13C5 PFNA	99		50 - 150				06/01/21 11:55	06/02/21 21:15	1
13C2 PFDA	101		50 - 150				06/01/21 11:55	06/02/21 21:15	1
13C2 PFUnA	94		50 - 150				06/01/21 11:55	06/02/21 21:15	1
13C2 PFDoA	85		50 - 150				06/01/21 11:55	06/02/21 21:15	1
13C2 PFTeDA	77		50 - 150				06/01/21 11:55	06/02/21 21:15	1
13C3 PFBS	95		50 - 150				06/01/21 11:55	06/02/21 21:15	1
18O2 PFHxS	88		50 - 150				06/01/21 11:55	06/02/21 21:15	1
13C4 PFOS	89		50 - 150				06/01/21 11:55	06/02/21 21:15	1
d3-NMeFOSAA	101		50 - 150				06/01/21 11:55	06/02/21 21:15	1
d5-NEtFOSAA	100		50 - 150				06/01/21 11:55	06/02/21 21:15	1
M2-6:2 FTS	94		25 - 150				06/01/21 11:55	06/02/21 21:15	1
M2-8:2 FTS	102		25 - 150				06/01/21 11:55	06/02/21 21:15	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	60.0	ug/L		05/26/21 17:25	05/27/21 21:26	1
Antimony	20.0	U	20.0	6.8	ug/L		05/26/21 17:25	05/27/21 21:26	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/26/21 17:25	05/27/21 21:26	1
Barium	2.0	U	2.0	0.70	ug/L		05/26/21 17:25	05/27/21 21:26	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/26/21 17:25	05/27/21 21:26	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/26/21 17:25	05/27/21 21:26	1
Calcium	500	U	500	100	ug/L		05/26/21 17:25	05/27/21 21:26	1
Chromium	4.0	U	4.0	1.0	ug/L		05/26/21 17:25	05/27/21 21:26	1
Cobalt	4.0	U	4.0	0.63	ug/L		05/26/21 17:25	05/27/21 21:26	1
Copper	10.0	U	10.0	1.6	ug/L		05/26/21 17:25	05/27/21 21:26	1
Iron	50.0	U	50.0	19.3	ug/L		05/26/21 17:25	05/27/21 21:26	1
Lead	10.0	U	10.0	3.0	ug/L		05/26/21 17:25	05/27/21 21:26	1
Magnesium	200	U	200	43.4	ug/L		05/26/21 17:25	05/27/21 21:26	1
Manganese	0.63	J B	3.0	0.40	ug/L		05/26/21 17:25	05/27/21 21:26	1
Nickel	10.0	U	10.0	1.3	ug/L		05/26/21 17:25	05/27/21 21:26	1
Potassium	500	U	500	100	ug/L		05/26/21 17:25	05/27/21 21:26	1
Selenium	25.0	U	25.0	8.7	ug/L		05/26/21 17:25	05/27/21 21:26	1
Silver	6.0	U	6.0	1.7	ug/L		05/26/21 17:25	05/27/21 21:26	1
Sodium	1000	U	1000	324	ug/L		05/26/21 17:25	05/27/21 21:26	1
Thallium	20.0	U	20.0	10.2	ug/L		05/26/21 17:25	05/27/21 21:26	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/26/21 17:25	05/27/21 21:26	1
Zinc	10.0	U	10.0	1.5	ug/L		05/26/21 17:25	05/27/21 21:26	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: EB-1

Lab Sample ID: 480-185032-18

Date Collected: 05/19/21 13:30

Matrix: Water

Date Received: 05/21/21 08:00

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/27/21 13:55	05/27/21 17:15	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: FB-1

Lab Sample ID: 480-185032-19

Date Collected: 05/19/21 13:35

Matrix: Water

Date Received: 05/21/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/26/21 14:03	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 14:03	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/26/21 14:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/26/21 14:03	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/26/21 14:03	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/26/21 14:03	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/26/21 14:03	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/26/21 14:03	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/26/21 14:03	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 14:03	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/26/21 14:03	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/26/21 14:03	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/26/21 14:03	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/26/21 14:03	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/26/21 14:03	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/26/21 14:03	1
Acetone	4.1	J	10	3.0	ug/L			05/26/21 14:03	1
Benzene	1.0	U	1.0	0.41	ug/L			05/26/21 14:03	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/26/21 14:03	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/26/21 14:03	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/26/21 14:03	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/26/21 14:03	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/26/21 14:03	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/26/21 14:03	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/26/21 14:03	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/26/21 14:03	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/26/21 14:03	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/26/21 14:03	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/26/21 14:03	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/26/21 14:03	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/26/21 14:03	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/26/21 14:03	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/26/21 14:03	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/26/21 14:03	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/26/21 14:03	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/26/21 14:03	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/26/21 14:03	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/26/21 14:03	1
Methylene Chloride	1.0		1.0	0.44	ug/L			05/26/21 14:03	1
Styrene	1.0	U	1.0	0.73	ug/L			05/26/21 14:03	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/26/21 14:03	1
Toluene	1.0	U	1.0	0.51	ug/L			05/26/21 14:03	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/26/21 14:03	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/26/21 14:03	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/26/21 14:03	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/26/21 14:03	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/26/21 14:03	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/26/21 14:03	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: FB-1

Lab Sample ID: 480-185032-19

Date Collected: 05/19/21 13:35

Matrix: Water

Date Received: 05/21/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120		05/26/21 14:03	1
1,2-Dichloroethane-d4 (Surr)	94		77 - 120		05/26/21 14:03	1
4-Bromofluorobenzene (Surr)	103		73 - 120		05/26/21 14:03	1
Dibromofluoromethane (Surr)	103		75 - 123		05/26/21 14:03	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.19	U	0.19	0.095	ug/L		05/24/21 08:42	05/27/21 04:19	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	29		15 - 110				05/24/21 08:42	05/27/21 04:19	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 14:45	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 14:45	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 14:45	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 14:45	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 14:45	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 14:45	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 14:45	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 14:45	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 14:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	98		39 - 121	05/27/21 14:46	05/28/21 14:45	1
Tetrachloro-m-xylene	96		39 - 121	05/27/21 14:46	05/28/21 14:45	1
DCB Decachlorobiphenyl	89		19 - 120	05/27/21 14:46	05/28/21 14:45	1
DCB Decachlorobiphenyl	85		19 - 120	05/27/21 14:46	05/28/21 14:45	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	4.12	U	4.12	0.74	ng/L		06/01/21 11:55	06/02/21 21:24	1
Perfluoropentanoic acid (PFPeA)	1.65	U	1.65	0.39	ng/L		06/01/21 11:55	06/02/21 21:24	1
Perfluorohexanoic acid (PFHxA)	1.65	U	1.65	0.37	ng/L		06/01/21 11:55	06/02/21 21:24	1
Perfluoroheptanoic acid (PFHpA)	1.65	U	1.65	0.20	ng/L		06/01/21 11:55	06/02/21 21:24	1
Perfluorooctanoic acid (PFOA)	1.65	U	1.65	0.35	ng/L		06/01/21 11:55	06/02/21 21:24	1
Perfluorononanoic acid (PFNA)	1.65	U	1.65	0.23	ng/L		06/01/21 11:55	06/02/21 21:24	1
Perfluorodecanoic acid (PFDA)	1.65	U	1.65	0.25	ng/L		06/01/21 11:55	06/02/21 21:24	1
Perfluoroundecanoic acid (PFUnA)	1.65	U	1.65	0.28	ng/L		06/01/21 11:55	06/02/21 21:24	1
Perfluorododecanoic acid (PFDoA)	1.65	U	1.65	0.32	ng/L		06/01/21 11:55	06/02/21 21:24	1
Perfluorotridecanoic acid (PFTriA)	1.65	U	1.65	0.36	ng/L		06/01/21 11:55	06/02/21 21:24	1
Perfluorotetradecanoic acid (PFTeA)	1.65	U	1.65	0.52	ng/L		06/01/21 11:55	06/02/21 21:24	1
Perfluorobutanesulfonic acid (PFBS)	1.65	U	1.65	0.21	ng/L		06/01/21 11:55	06/02/21 21:24	1
Perfluorohexanesulfonic acid (PFHxS)	1.65	U	1.65	0.25	ng/L		06/01/21 11:55	06/02/21 21:24	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.65	U	1.65	0.19	ng/L		06/01/21 11:55	06/02/21 21:24	1
Perfluorodecanesulfonic acid (PFDS)	1.65	U	1.65	0.25	ng/L		06/01/21 11:55	06/02/21 21:24	1
Perfluorooctanesulfonic acid (PFOS)	1.65	U	1.65	0.24	ng/L		06/01/21 11:55	06/02/21 21:24	1
Perfluorooctanesulfonamide (FOSA)	1.65	U	1.65	0.48	ng/L		06/01/21 11:55	06/02/21 21:24	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.12	U	4.12	0.74	ng/L		06/01/21 11:55	06/02/21 21:24	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: FB-1

Lab Sample ID: 480-185032-19

Date Collected: 05/19/21 13:35

Matrix: Water

Date Received: 05/21/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.12	U	4.12	0.61	ng/L		06/01/21 11:55	06/02/21 21:24	1
6:2 FTS	4.12	U	4.12	0.90	ng/L		06/01/21 11:55	06/02/21 21:24	1
8:2 FTS	1.65	U	1.65	0.32	ng/L		06/01/21 11:55	06/02/21 21:24	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	58		25 - 150				06/01/21 11:55	06/02/21 21:24	1
13C4 PFBA	100		25 - 150				06/01/21 11:55	06/02/21 21:24	1
13C5 PFPeA	95		25 - 150				06/01/21 11:55	06/02/21 21:24	1
13C2 PFHxA	102		50 - 150				06/01/21 11:55	06/02/21 21:24	1
13C4 PFHpA	97		50 - 150				06/01/21 11:55	06/02/21 21:24	1
13C4 PFOA	98		50 - 150				06/01/21 11:55	06/02/21 21:24	1
13C5 PFNA	105		50 - 150				06/01/21 11:55	06/02/21 21:24	1
13C2 PFDA	102		50 - 150				06/01/21 11:55	06/02/21 21:24	1
13C2 PFUnA	94		50 - 150				06/01/21 11:55	06/02/21 21:24	1
13C2 PFDoA	90		50 - 150				06/01/21 11:55	06/02/21 21:24	1
13C2 PFTeDA	72		50 - 150				06/01/21 11:55	06/02/21 21:24	1
13C3 PFBS	90		50 - 150				06/01/21 11:55	06/02/21 21:24	1
18O2 PFHxS	90		50 - 150				06/01/21 11:55	06/02/21 21:24	1
13C4 PFOS	90		50 - 150				06/01/21 11:55	06/02/21 21:24	1
d3-NMeFOSAA	106		50 - 150				06/01/21 11:55	06/02/21 21:24	1
d5-NEtFOSAA	106		50 - 150				06/01/21 11:55	06/02/21 21:24	1
M2-6:2 FTS	95		25 - 150				06/01/21 11:55	06/02/21 21:24	1
M2-8:2 FTS	111		25 - 150				06/01/21 11:55	06/02/21 21:24	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	60.0	ug/L		05/26/21 17:25	05/27/21 21:30	1
Antimony	20.0	U	20.0	6.8	ug/L		05/26/21 17:25	05/27/21 21:30	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/26/21 17:25	05/27/21 21:30	1
Barium	2.0	U	2.0	0.70	ug/L		05/26/21 17:25	05/27/21 21:30	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/26/21 17:25	05/27/21 21:30	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/26/21 17:25	05/27/21 21:30	1
Calcium	500	U	500	100	ug/L		05/26/21 17:25	05/27/21 21:30	1
Chromium	4.0	U	4.0	1.0	ug/L		05/26/21 17:25	05/27/21 21:30	1
Cobalt	4.0	U	4.0	0.63	ug/L		05/26/21 17:25	05/27/21 21:30	1
Copper	10.0	U	10.0	1.6	ug/L		05/26/21 17:25	05/27/21 21:30	1
Iron	50.0	U	50.0	19.3	ug/L		05/26/21 17:25	05/27/21 21:30	1
Lead	10.0	U	10.0	3.0	ug/L		05/26/21 17:25	05/27/21 21:30	1
Magnesium	200	U	200	43.4	ug/L		05/26/21 17:25	05/27/21 21:30	1
Manganese	3.0	U	3.0	0.40	ug/L		05/26/21 17:25	05/27/21 21:30	1
Nickel	10.0	U	10.0	1.3	ug/L		05/26/21 17:25	05/27/21 21:30	1
Potassium	500	U	500	100	ug/L		05/26/21 17:25	05/27/21 21:30	1
Selenium	25.0	U	25.0	8.7	ug/L		05/26/21 17:25	05/27/21 21:30	1
Silver	6.0	U	6.0	1.7	ug/L		05/26/21 17:25	05/27/21 21:30	1
Sodium	1000	U	1000	324	ug/L		05/26/21 17:25	05/27/21 21:30	1
Thallium	20.0	U	20.0	10.2	ug/L		05/26/21 17:25	05/27/21 21:30	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/26/21 17:25	05/27/21 21:30	1
Zinc	10.0	U	10.0	1.5	ug/L		05/26/21 17:25	05/27/21 21:30	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: FB-1

Lab Sample ID: 480-185032-19

Date Collected: 05/19/21 13:35

Matrix: Water

Date Received: 05/21/21 08:00

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/27/21 13:55	05/27/21 17:16	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-14A

Lab Sample ID: 480-185032-20

Date Collected: 05/19/21 13:55

Matrix: Water

Date Received: 05/21/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/26/21 17:51	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 17:51	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/26/21 17:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/26/21 17:51	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/26/21 17:51	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/26/21 17:51	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/26/21 17:51	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/26/21 17:51	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/26/21 17:51	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 17:51	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/26/21 17:51	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/26/21 17:51	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/26/21 17:51	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/26/21 17:51	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/26/21 17:51	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/26/21 17:51	1
Acetone	10	U	10	3.0	ug/L			05/26/21 17:51	1
Benzene	1.0	U	1.0	0.41	ug/L			05/26/21 17:51	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/26/21 17:51	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/26/21 17:51	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/26/21 17:51	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/26/21 17:51	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/26/21 17:51	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/26/21 17:51	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/26/21 17:51	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/26/21 17:51	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/26/21 17:51	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/26/21 17:51	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/26/21 17:51	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/26/21 17:51	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/26/21 17:51	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/26/21 17:51	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/26/21 17:51	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/26/21 17:51	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/26/21 17:51	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/26/21 17:51	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/26/21 17:51	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/26/21 17:51	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/26/21 17:51	1
Styrene	1.0	U	1.0	0.73	ug/L			05/26/21 17:51	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/26/21 17:51	1
Toluene	1.0	U	1.0	0.51	ug/L			05/26/21 17:51	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/26/21 17:51	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/26/21 17:51	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/26/21 17:51	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/26/21 17:51	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/26/21 17:51	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/26/21 17:51	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-14A

Lab Sample ID: 480-185032-20

Date Collected: 05/19/21 13:55

Matrix: Water

Date Received: 05/21/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120		05/26/21 17:51	1
1,2-Dichloroethane-d4 (Surr)	88		77 - 120		05/26/21 17:51	1
4-Bromofluorobenzene (Surr)	83		73 - 120		05/26/21 17:51	1
Dibromofluoromethane (Surr)	84		75 - 123		05/26/21 17:51	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.19	U	0.19	0.096	ug/L		05/24/21 08:42	05/27/21 04:42	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	29		15 - 110				05/24/21 08:42	05/27/21 04:42	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 15:24	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 15:24	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 15:24	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 15:24	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 15:24	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 15:24	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 15:24	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 15:24	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 15:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	107		39 - 121	05/27/21 14:46	05/28/21 15:24	1
Tetrachloro-m-xylene	100		39 - 121	05/27/21 14:46	05/28/21 15:24	1
DCB Decachlorobiphenyl	82		19 - 120	05/27/21 14:46	05/28/21 15:24	1
DCB Decachlorobiphenyl	83		19 - 120	05/27/21 14:46	05/28/21 15:24	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	4.42	U	4.42	0.79	ng/L		06/01/21 11:55	06/02/21 21:32	1
Perfluoropentanoic acid (PFPeA)	1.77	U	1.77	0.42	ng/L		06/01/21 11:55	06/02/21 21:32	1
Perfluorohexanoic acid (PFHxA)	1.77	U	1.77	0.40	ng/L		06/01/21 11:55	06/02/21 21:32	1
Perfluoroheptanoic acid (PFHpA)	1.77	U	1.77	0.21	ng/L		06/01/21 11:55	06/02/21 21:32	1
Perfluorooctanoic acid (PFOA)	1.77	U	1.77	0.37	ng/L		06/01/21 11:55	06/02/21 21:32	1
Perfluorononanoic acid (PFNA)	1.77	U	1.77	0.25	ng/L		06/01/21 11:55	06/02/21 21:32	1
Perfluorodecanoic acid (PFDA)	1.77	U	1.77	0.27	ng/L		06/01/21 11:55	06/02/21 21:32	1
Perfluoroundecanoic acid (PFUnA)	1.77	U	1.77	0.30	ng/L		06/01/21 11:55	06/02/21 21:32	1
Perfluorododecanoic acid (PFDoA)	1.77	U	1.77	0.34	ng/L		06/01/21 11:55	06/02/21 21:32	1
Perfluorotridecanoic acid (PFTriA)	1.77	U	1.77	0.38	ng/L		06/01/21 11:55	06/02/21 21:32	1
Perfluorotetradecanoic acid (PFTeA)	1.77	U	1.77	0.56	ng/L		06/01/21 11:55	06/02/21 21:32	1
Perfluorobutanesulfonic acid (PFBS)	1.77	U	1.77	0.22	ng/L		06/01/21 11:55	06/02/21 21:32	1
Perfluorohexanesulfonic acid (PFHxS)	1.77	U	1.77	0.27	ng/L		06/01/21 11:55	06/02/21 21:32	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.77	U	1.77	0.21	ng/L		06/01/21 11:55	06/02/21 21:32	1
Perfluorodecanesulfonic acid (PFDS)	1.77	U	1.77	0.27	ng/L		06/01/21 11:55	06/02/21 21:32	1
Perfluorooctanesulfonic acid (PFOS)	0.50	J B	1.77	0.26	ng/L		06/01/21 11:55	06/02/21 21:32	1
Perfluorooctanesulfonamide (FOSA)	1.77	U	1.77	0.51	ng/L		06/01/21 11:55	06/02/21 21:32	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-14A

Lab Sample ID: 480-185032-20

Date Collected: 05/19/21 13:55

Matrix: Water

Date Received: 05/21/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.42	U	4.42	0.80	ng/L		06/01/21 11:55	06/02/21 21:32	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.42	U	4.42	0.66	ng/L		06/01/21 11:55	06/02/21 21:32	1
6:2 FTS	4.42	U	4.42	0.97	ng/L		06/01/21 11:55	06/02/21 21:32	1
8:2 FTS	1.77	U	1.77	0.34	ng/L		06/01/21 11:55	06/02/21 21:32	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	81		25 - 150				06/01/21 11:55	06/02/21 21:32	1
13C4 PFBA	90		25 - 150				06/01/21 11:55	06/02/21 21:32	1
13C5 PFPeA	95		25 - 150				06/01/21 11:55	06/02/21 21:32	1
13C2 PFHxA	103		50 - 150				06/01/21 11:55	06/02/21 21:32	1
13C4 PFHpA	102		50 - 150				06/01/21 11:55	06/02/21 21:32	1
13C4 PFOA	100		50 - 150				06/01/21 11:55	06/02/21 21:32	1
13C5 PFNA	104		50 - 150				06/01/21 11:55	06/02/21 21:32	1
13C2 PFDA	97		50 - 150				06/01/21 11:55	06/02/21 21:32	1
13C2 PFUnA	97		50 - 150				06/01/21 11:55	06/02/21 21:32	1
13C2 PFDoA	95		50 - 150				06/01/21 11:55	06/02/21 21:32	1
13C2 PFTeDA	87		50 - 150				06/01/21 11:55	06/02/21 21:32	1
13C3 PFBS	89		50 - 150				06/01/21 11:55	06/02/21 21:32	1
18O2 PFHxS	93		50 - 150				06/01/21 11:55	06/02/21 21:32	1
13C4 PFOS	93		50 - 150				06/01/21 11:55	06/02/21 21:32	1
d3-NMeFOSAA	111		50 - 150				06/01/21 11:55	06/02/21 21:32	1
d5-NEtFOSAA	108		50 - 150				06/01/21 11:55	06/02/21 21:32	1
M2-6:2 FTS	96		25 - 150				06/01/21 11:55	06/02/21 21:32	1
M2-8:2 FTS	109		25 - 150				06/01/21 11:55	06/02/21 21:32	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	71.9	J	200	60.0	ug/L		05/26/21 17:25	05/27/21 21:33	1
Antimony	20.0	U	20.0	6.8	ug/L		05/26/21 17:25	05/27/21 21:33	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/26/21 17:25	05/27/21 21:33	1
Barium	48.5		2.0	0.70	ug/L		05/26/21 17:25	05/27/21 21:33	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/26/21 17:25	05/27/21 21:33	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/26/21 17:25	05/27/21 21:33	1
Calcium	24500		500	100	ug/L		05/26/21 17:25	05/27/21 21:33	1
Chromium	4.0	U	4.0	1.0	ug/L		05/26/21 17:25	05/27/21 21:33	1
Cobalt	4.0	U	4.0	0.63	ug/L		05/26/21 17:25	05/27/21 21:33	1
Copper	2.0	J	10.0	1.6	ug/L		05/26/21 17:25	05/27/21 21:33	1
Iron	50.8	B	50.0	19.3	ug/L		05/26/21 17:25	05/27/21 21:33	1
Lead	10.0	U	10.0	3.0	ug/L		05/26/21 17:25	05/27/21 21:33	1
Magnesium	10500		200	43.4	ug/L		05/26/21 17:25	05/27/21 21:33	1
Manganese	24.3	B	3.0	0.40	ug/L		05/26/21 17:25	05/27/21 21:33	1
Nickel	10.0	U	10.0	1.3	ug/L		05/26/21 17:25	05/27/21 21:33	1
Potassium	4220		500	100	ug/L		05/26/21 17:25	05/27/21 21:33	1
Selenium	25.0	U	25.0	8.7	ug/L		05/26/21 17:25	05/27/21 21:33	1
Silver	6.0	U	6.0	1.7	ug/L		05/26/21 17:25	05/27/21 21:33	1
Sodium	60200		1000	324	ug/L		05/26/21 17:25	05/27/21 21:33	1
Thallium	20.0	U	20.0	10.2	ug/L		05/26/21 17:25	05/27/21 21:33	1
Vanadium	2.4	J	5.0	1.5	ug/L		05/26/21 17:25	05/27/21 21:33	1
Zinc	4.5	J	10.0	1.5	ug/L		05/26/21 17:25	05/27/21 21:33	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-14A

Lab Sample ID: 480-185032-20

Date Collected: 05/19/21 13:55

Matrix: Water

Date Received: 05/21/21 08:00

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/27/21 13:55	05/27/21 17:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	253		10.0	4.0	mg/L			05/25/21 10:57	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	4.0	U	4.0	4.0	mg/L			05/22/21 16:47	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-14B

Lab Sample ID: 480-185032-21

Date Collected: 05/19/21 15:20

Matrix: Water

Date Received: 05/21/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/26/21 18:14	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 18:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/26/21 18:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/26/21 18:14	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/26/21 18:14	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/26/21 18:14	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/26/21 18:14	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/26/21 18:14	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/26/21 18:14	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 18:14	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/26/21 18:14	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/26/21 18:14	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/26/21 18:14	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/26/21 18:14	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/26/21 18:14	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/26/21 18:14	1
Acetone	10	U	10	3.0	ug/L			05/26/21 18:14	1
Benzene	1.0	U	1.0	0.41	ug/L			05/26/21 18:14	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/26/21 18:14	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/26/21 18:14	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/26/21 18:14	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/26/21 18:14	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/26/21 18:14	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/26/21 18:14	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/26/21 18:14	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/26/21 18:14	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/26/21 18:14	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/26/21 18:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/26/21 18:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/26/21 18:14	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/26/21 18:14	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/26/21 18:14	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/26/21 18:14	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/26/21 18:14	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/26/21 18:14	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/26/21 18:14	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/26/21 18:14	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/26/21 18:14	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/26/21 18:14	1
Styrene	1.0	U	1.0	0.73	ug/L			05/26/21 18:14	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/26/21 18:14	1
Toluene	1.0	U	1.0	0.51	ug/L			05/26/21 18:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/26/21 18:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/26/21 18:14	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/26/21 18:14	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/26/21 18:14	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/26/21 18:14	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/26/21 18:14	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-14B

Lab Sample ID: 480-185032-21

Date Collected: 05/19/21 15:20

Matrix: Water

Date Received: 05/21/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	90		80 - 120		05/26/21 18:14	1
1,2-Dichloroethane-d4 (Surr)	86		77 - 120		05/26/21 18:14	1
4-Bromofluorobenzene (Surr)	83		73 - 120		05/26/21 18:14	1
Dibromofluoromethane (Surr)	81		75 - 123		05/26/21 18:14	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.19	U	0.19	0.097	ug/L		05/24/21 08:42	05/27/21 05:06	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	29		15 - 110				05/24/21 08:42	05/27/21 05:06	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 15:36	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 15:36	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 15:36	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 15:36	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 15:36	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 15:36	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 15:36	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 15:36	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 15:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	97		39 - 121	05/27/21 14:46	05/28/21 15:36	1
Tetrachloro-m-xylene	94		39 - 121	05/27/21 14:46	05/28/21 15:36	1
DCB Decachlorobiphenyl	63		19 - 120	05/27/21 14:46	05/28/21 15:36	1
DCB Decachlorobiphenyl	64		19 - 120	05/27/21 14:46	05/28/21 15:36	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	4.36	U	4.36	0.78	ng/L		06/01/21 11:55	06/02/21 21:40	1
Perfluoropentanoic acid (PFPeA)	1.75	U	1.75	0.41	ng/L		06/01/21 11:55	06/02/21 21:40	1
Perfluorohexanoic acid (PFHxA)	1.75	U	1.75	0.39	ng/L		06/01/21 11:55	06/02/21 21:40	1
Perfluoroheptanoic acid (PFHpA)	1.75	U	1.75	0.21	ng/L		06/01/21 11:55	06/02/21 21:40	1
Perfluorooctanoic acid (PFOA)	1.75	U	1.75	0.37	ng/L		06/01/21 11:55	06/02/21 21:40	1
Perfluorononanoic acid (PFNA)	1.75	U	1.75	0.25	ng/L		06/01/21 11:55	06/02/21 21:40	1
Perfluorodecanoic acid (PFDA)	1.75	U	1.75	0.27	ng/L		06/01/21 11:55	06/02/21 21:40	1
Perfluoroundecanoic acid (PFUnA)	1.75	U	1.75	0.30	ng/L		06/01/21 11:55	06/02/21 21:40	1
Perfluorododecanoic acid (PFDoA)	1.75	U	1.75	0.34	ng/L		06/01/21 11:55	06/02/21 21:40	1
Perfluorotridecanoic acid (PFTriA)	1.75	U	1.75	0.38	ng/L		06/01/21 11:55	06/02/21 21:40	1
Perfluorotetradecanoic acid (PFTeA)	1.75	U	1.75	0.55	ng/L		06/01/21 11:55	06/02/21 21:40	1
Perfluorobutanesulfonic acid (PFBS)	1.75	U	1.75	0.22	ng/L		06/01/21 11:55	06/02/21 21:40	1
Perfluorohexanesulfonic acid (PFHxS)	1.75	U	1.75	0.26	ng/L		06/01/21 11:55	06/02/21 21:40	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.75	U	1.75	0.20	ng/L		06/01/21 11:55	06/02/21 21:40	1
Perfluorodecanesulfonic acid (PFDS)	1.75	U	1.75	0.27	ng/L		06/01/21 11:55	06/02/21 21:40	1
Perfluorooctanesulfonic acid (PFOS)	0.93	J B	1.75	0.25	ng/L		06/01/21 11:55	06/02/21 21:40	1
Perfluorooctanesulfonamide (FOSA)	1.75	U	1.75	0.50	ng/L		06/01/21 11:55	06/02/21 21:40	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-14B

Lab Sample ID: 480-185032-21

Date Collected: 05/19/21 15:20

Matrix: Water

Date Received: 05/21/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.36	U	4.36	0.79	ng/L		06/01/21 11:55	06/02/21 21:40	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.36	U	4.36	0.65	ng/L		06/01/21 11:55	06/02/21 21:40	1
6:2 FTS	4.36	U	4.36	0.96	ng/L		06/01/21 11:55	06/02/21 21:40	1
8:2 FTS	1.75	U	1.75	0.34	ng/L		06/01/21 11:55	06/02/21 21:40	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	78		25 - 150				06/01/21 11:55	06/02/21 21:40	1
13C4 PFBA	90		25 - 150				06/01/21 11:55	06/02/21 21:40	1
13C5 PFPeA	97		25 - 150				06/01/21 11:55	06/02/21 21:40	1
13C2 PFHxA	100		50 - 150				06/01/21 11:55	06/02/21 21:40	1
13C4 PFHpA	94		50 - 150				06/01/21 11:55	06/02/21 21:40	1
13C4 PFOA	98		50 - 150				06/01/21 11:55	06/02/21 21:40	1
13C5 PFNA	99		50 - 150				06/01/21 11:55	06/02/21 21:40	1
13C2 PFDA	96		50 - 150				06/01/21 11:55	06/02/21 21:40	1
13C2 PFUnA	92		50 - 150				06/01/21 11:55	06/02/21 21:40	1
13C2 PFDoA	87		50 - 150				06/01/21 11:55	06/02/21 21:40	1
13C2 PFTeDA	84		50 - 150				06/01/21 11:55	06/02/21 21:40	1
13C3 PFBS	87		50 - 150				06/01/21 11:55	06/02/21 21:40	1
18O2 PFHxS	88		50 - 150				06/01/21 11:55	06/02/21 21:40	1
13C4 PFOS	89		50 - 150				06/01/21 11:55	06/02/21 21:40	1
d3-NMeFOSAA	108		50 - 150				06/01/21 11:55	06/02/21 21:40	1
d5-NEtFOSAA	104		50 - 150				06/01/21 11:55	06/02/21 21:40	1
M2-6:2 FTS	95		25 - 150				06/01/21 11:55	06/02/21 21:40	1
M2-8:2 FTS	102		25 - 150				06/01/21 11:55	06/02/21 21:40	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	884		200	60.0	ug/L		05/26/21 17:25	05/27/21 21:37	1
Antimony	20.0	U	20.0	6.8	ug/L		05/26/21 17:25	05/27/21 21:37	1
Arsenic	9.6	J	15.0	5.6	ug/L		05/26/21 17:25	05/27/21 21:37	1
Barium	27.8		2.0	0.70	ug/L		05/26/21 17:25	05/27/21 21:37	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/26/21 17:25	05/27/21 21:37	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/26/21 17:25	05/27/21 21:37	1
Calcium	4810		500	100	ug/L		05/26/21 17:25	05/27/21 21:37	1
Chromium	4.0	U	4.0	1.0	ug/L		05/26/21 17:25	05/27/21 21:37	1
Cobalt	0.71	J	4.0	0.63	ug/L		05/26/21 17:25	05/27/21 21:37	1
Copper	2.8	J	10.0	1.6	ug/L		05/26/21 17:25	05/27/21 21:37	1
Iron	691	B	50.0	19.3	ug/L		05/26/21 17:25	05/27/21 21:37	1
Lead	10.0	U	10.0	3.0	ug/L		05/26/21 17:25	05/27/21 21:37	1
Magnesium	998		200	43.4	ug/L		05/26/21 17:25	05/27/21 21:37	1
Manganese	19.2	B	3.0	0.40	ug/L		05/26/21 17:25	05/27/21 21:37	1
Nickel	2.6	J	10.0	1.3	ug/L		05/26/21 17:25	05/27/21 21:37	1
Potassium	20800		500	100	ug/L		05/26/21 17:25	05/27/21 21:37	1
Selenium	25.0	U	25.0	8.7	ug/L		05/26/21 17:25	05/27/21 21:37	1
Silver	6.0	U	6.0	1.7	ug/L		05/26/21 17:25	05/27/21 21:37	1
Sodium	64300		1000	324	ug/L		05/26/21 17:25	05/27/21 21:37	1
Thallium	20.0	U	20.0	10.2	ug/L		05/26/21 17:25	05/27/21 21:37	1
Vanadium	9.0		5.0	1.5	ug/L		05/26/21 17:25	05/27/21 21:37	1
Zinc	4.7	J	10.0	1.5	ug/L		05/26/21 17:25	05/27/21 21:37	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-14B

Lab Sample ID: 480-185032-21

Date Collected: 05/19/21 15:20

Matrix: Water

Date Received: 05/21/21 08:00

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/27/21 13:55	05/27/21 17:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	194		10.0	4.0	mg/L			05/25/21 10:57	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	4.0	U	4.0	4.0	mg/L			05/22/21 16:47	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-17

Lab Sample ID: 480-185032-22

Date Collected: 05/19/21 15:30

Matrix: Water

Date Received: 05/21/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	10	U	10	8.2	ug/L			05/26/21 18:36	10
1,1,2,2-Tetrachloroethane	10	U	10	2.1	ug/L			05/26/21 18:36	10
1,1,2-Trichloroethane	10	U	10	2.3	ug/L			05/26/21 18:36	10
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	3.1	ug/L			05/26/21 18:36	10
1,1-Dichloroethane	10	U	10	3.8	ug/L			05/26/21 18:36	10
1,1-Dichloroethene	10	U	10	2.9	ug/L			05/26/21 18:36	10
1,2,4-Trichlorobenzene	10	U	10	4.1	ug/L			05/26/21 18:36	10
1,2-Dibromo-3-Chloropropane	10	U	10	3.9	ug/L			05/26/21 18:36	10
1,2-Dichlorobenzene	10	U	10	7.9	ug/L			05/26/21 18:36	10
1,2-Dichloroethane	10	U	10	2.1	ug/L			05/26/21 18:36	10
1,2-Dichloropropane	10	U	10	7.2	ug/L			05/26/21 18:36	10
1,3-Dichlorobenzene	10	U	10	7.8	ug/L			05/26/21 18:36	10
1,4-Dichlorobenzene	10	U	10	8.4	ug/L			05/26/21 18:36	10
2-Butanone (MEK)	100	U	100	13	ug/L			05/26/21 18:36	10
2-Hexanone	50	U	50	12	ug/L			05/26/21 18:36	10
4-Methyl-2-pentanone (MIBK)	50	U	50	21	ug/L			05/26/21 18:36	10
Acetone	100	U	100	30	ug/L			05/26/21 18:36	10
Benzene	10	U	10	4.1	ug/L			05/26/21 18:36	10
Bromodichloromethane	10	U	10	3.9	ug/L			05/26/21 18:36	10
Bromoform	10	U	10	2.6	ug/L			05/26/21 18:36	10
Bromomethane	10	U	10	6.9	ug/L			05/26/21 18:36	10
Carbon disulfide	10	U	10	1.9	ug/L			05/26/21 18:36	10
Carbon tetrachloride	10	U	10	2.7	ug/L			05/26/21 18:36	10
Chlorobenzene	10	U	10	7.5	ug/L			05/26/21 18:36	10
Dibromochloromethane	10	U	10	3.2	ug/L			05/26/21 18:36	10
Chloroethane	10	U	10	3.2	ug/L			05/26/21 18:36	10
Chloroform	10	U	10	3.4	ug/L			05/26/21 18:36	10
Chloromethane	10	U	10	3.5	ug/L			05/26/21 18:36	10
cis-1,2-Dichloroethene	10	U	10	8.1	ug/L			05/26/21 18:36	10
cis-1,3-Dichloropropene	10	U	10	3.6	ug/L			05/26/21 18:36	10
Cyclohexane	130		10	1.8	ug/L			05/26/21 18:36	10
Dichlorodifluoromethane	10	U	10	6.8	ug/L			05/26/21 18:36	10
Ethylbenzene	33		10	7.4	ug/L			05/26/21 18:36	10
1,2-Dibromoethane	10	U	10	7.3	ug/L			05/26/21 18:36	10
Isopropylbenzene	9.0	J	10	7.9	ug/L			05/26/21 18:36	10
Methyl acetate	25	U	25	13	ug/L			05/26/21 18:36	10
Methyl tert-butyl ether	10	U	10	1.6	ug/L			05/26/21 18:36	10
Methylcyclohexane	270		10	1.6	ug/L			05/26/21 18:36	10
Methylene Chloride	10	U	10	4.4	ug/L			05/26/21 18:36	10
Styrene	10	U	10	7.3	ug/L			05/26/21 18:36	10
Tetrachloroethene	10	U	10	3.6	ug/L			05/26/21 18:36	10
Toluene	10	U	10	5.1	ug/L			05/26/21 18:36	10
trans-1,2-Dichloroethene	10	U	10	9.0	ug/L			05/26/21 18:36	10
trans-1,3-Dichloropropene	10	U	10	3.7	ug/L			05/26/21 18:36	10
Trichloroethene	10	U	10	4.6	ug/L			05/26/21 18:36	10
Trichlorofluoromethane	10	U	10	8.8	ug/L			05/26/21 18:36	10
Vinyl chloride	10	U	10	9.0	ug/L			05/26/21 18:36	10
Xylenes, Total	20	U	20	6.6	ug/L			05/26/21 18:36	10

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-17

Lab Sample ID: 480-185032-22

Date Collected: 05/19/21 15:30

Matrix: Water

Date Received: 05/21/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		80 - 120		05/26/21 18:36	10
1,2-Dichloroethane-d4 (Surr)	87		77 - 120		05/26/21 18:36	10
4-Bromofluorobenzene (Surr)	87		73 - 120		05/26/21 18:36	10
Dibromofluoromethane (Surr)	80		75 - 123		05/26/21 18:36	10

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.19	U	0.19	0.095	ug/L		05/24/21 08:42	05/27/21 15:05	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	29		15 - 110				05/24/21 08:42	05/27/21 15:05	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 15:49	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 15:49	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 15:49	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 15:49	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 15:49	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 15:49	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 15:49	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 15:49	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 15:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	105		39 - 121	05/27/21 14:46	05/28/21 15:49	1
Tetrachloro-m-xylene	98		39 - 121	05/27/21 14:46	05/28/21 15:49	1
DCB Decachlorobiphenyl	96		19 - 120	05/27/21 14:46	05/28/21 15:49	1
DCB Decachlorobiphenyl	93		19 - 120	05/27/21 14:46	05/28/21 15:49	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	4.16	U	4.16	0.74	ng/L		06/01/21 11:55	06/02/21 21:48	1
Perfluoropentanoic acid (PFPeA)	1.66	U	1.66	0.39	ng/L		06/01/21 11:55	06/02/21 21:48	1
Perfluorohexanoic acid (PFHxA)	1.66	U	1.66	0.38	ng/L		06/01/21 11:55	06/02/21 21:48	1
Perfluoroheptanoic acid (PFHpA)	1.66	U	1.66	0.20	ng/L		06/01/21 11:55	06/02/21 21:48	1
Perfluorooctanoic acid (PFOA)	1.66	U	1.66	0.35	ng/L		06/01/21 11:55	06/02/21 21:48	1
Perfluorononanoic acid (PFNA)	1.66	U	1.66	0.23	ng/L		06/01/21 11:55	06/02/21 21:48	1
Perfluorodecanoic acid (PFDA)	1.66	U	1.66	0.25	ng/L		06/01/21 11:55	06/02/21 21:48	1
Perfluoroundecanoic acid (PFUnA)	1.66	U	1.66	0.29	ng/L		06/01/21 11:55	06/02/21 21:48	1
Perfluorododecanoic acid (PFDoA)	1.66	U	1.66	0.32	ng/L		06/01/21 11:55	06/02/21 21:48	1
Perfluorotridecanoic acid (PFTriA)	1.66	U	1.66	0.36	ng/L		06/01/21 11:55	06/02/21 21:48	1
Perfluorotetradecanoic acid (PFTeA)	1.66	U	1.66	0.53	ng/L		06/01/21 11:55	06/02/21 21:48	1
Perfluorobutanesulfonic acid (PFBS)	1.66	U	1.66	0.21	ng/L		06/01/21 11:55	06/02/21 21:48	1
Perfluorohexanesulfonic acid (PFHxS)	1.66	U	1.66	0.25	ng/L		06/01/21 11:55	06/02/21 21:48	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.66	U	1.66	0.19	ng/L		06/01/21 11:55	06/02/21 21:48	1
Perfluorodecanesulfonic acid (PFDS)	1.66	U	1.66	0.25	ng/L		06/01/21 11:55	06/02/21 21:48	1
Perfluorooctanesulfonic acid (PFOS)	1.66	U	1.66	0.24	ng/L		06/01/21 11:55	06/02/21 21:48	1
Perfluorooctanesulfonamide (FOSA)	1.66	U	1.66	0.48	ng/L		06/01/21 11:55	06/02/21 21:48	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.16	U	4.16	0.75	ng/L		06/01/21 11:55	06/02/21 21:48	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-17

Lab Sample ID: 480-185032-22

Date Collected: 05/19/21 15:30

Matrix: Water

Date Received: 05/21/21 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.16	U	4.16	0.62	ng/L		06/01/21 11:55	06/02/21 21:48	1
6:2 FTS	1.45	J	4.16	0.91	ng/L		06/01/21 11:55	06/02/21 21:48	1
8:2 FTS	1.66	U	1.66	0.32	ng/L		06/01/21 11:55	06/02/21 21:48	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C8 FOSA	73		25 - 150				06/01/21 11:55	06/02/21 21:48	1
13C4 PFBA	82		25 - 150				06/01/21 11:55	06/02/21 21:48	1
13C5 PFPeA	97		25 - 150				06/01/21 11:55	06/02/21 21:48	1
13C2 PFHxA	100		50 - 150				06/01/21 11:55	06/02/21 21:48	1
13C4 PFHpA	96		50 - 150				06/01/21 11:55	06/02/21 21:48	1
13C4 PFOA	99		50 - 150				06/01/21 11:55	06/02/21 21:48	1
13C5 PFNA	99		50 - 150				06/01/21 11:55	06/02/21 21:48	1
13C2 PFDA	98		50 - 150				06/01/21 11:55	06/02/21 21:48	1
13C2 PFUnA	82		50 - 150				06/01/21 11:55	06/02/21 21:48	1
13C2 PFDaA	84		50 - 150				06/01/21 11:55	06/02/21 21:48	1
13C2 PFTeDA	79		50 - 150				06/01/21 11:55	06/02/21 21:48	1
13C3 PFBS	91		50 - 150				06/01/21 11:55	06/02/21 21:48	1
18O2 PFHxS	89		50 - 150				06/01/21 11:55	06/02/21 21:48	1
13C4 PFOS	92		50 - 150				06/01/21 11:55	06/02/21 21:48	1
d3-NMeFOSAA	107		50 - 150				06/01/21 11:55	06/02/21 21:48	1
d5-NEtFOSAA	99		50 - 150				06/01/21 11:55	06/02/21 21:48	1
M2-6:2 FTS	94		25 - 150				06/01/21 11:55	06/02/21 21:48	1
M2-8:2 FTS	98		25 - 150				06/01/21 11:55	06/02/21 21:48	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	60.0	ug/L		05/26/21 17:25	05/27/21 21:52	1
Antimony	20.0	U	20.0	6.8	ug/L		05/26/21 17:25	05/27/21 21:52	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/26/21 17:25	05/27/21 21:52	1
Barium	69.7		2.0	0.70	ug/L		05/26/21 17:25	05/27/21 21:52	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/26/21 17:25	05/27/21 21:52	1
Cadmium	0.58	J	2.0	0.50	ug/L		05/26/21 17:25	05/27/21 21:52	1
Calcium	38600		500	100	ug/L		05/26/21 17:25	05/27/21 21:52	1
Chromium	4.0	U	4.0	1.0	ug/L		05/26/21 17:25	05/27/21 21:52	1
Cobalt	4.0	U	4.0	0.63	ug/L		05/26/21 17:25	05/27/21 21:52	1
Copper	10.0	U	10.0	1.6	ug/L		05/26/21 17:25	05/27/21 21:52	1
Iron	635	B	50.0	19.3	ug/L		05/26/21 17:25	05/27/21 21:52	1
Lead	10.0	U	10.0	3.0	ug/L		05/26/21 17:25	05/27/21 21:52	1
Magnesium	70100		200	43.4	ug/L		05/26/21 17:25	05/27/21 21:52	1
Manganese	129	B	3.0	0.40	ug/L		05/26/21 17:25	05/27/21 21:52	1
Nickel	10.0	U	10.0	1.3	ug/L		05/26/21 17:25	05/27/21 21:52	1
Potassium	2430		500	100	ug/L		05/26/21 17:25	05/27/21 21:52	1
Selenium	25.0	U	25.0	8.7	ug/L		05/26/21 17:25	05/27/21 21:52	1
Silver	6.0	U	6.0	1.7	ug/L		05/26/21 17:25	05/27/21 21:52	1
Sodium	74400		1000	324	ug/L		05/26/21 17:25	05/27/21 21:52	1
Thallium	20.0	U	20.0	10.2	ug/L		05/26/21 17:25	05/27/21 21:52	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/26/21 17:25	05/27/21 21:52	1
Zinc	10.0	U	10.0	1.5	ug/L		05/26/21 17:25	05/27/21 21:52	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-17

Lab Sample ID: 480-185032-22

Date Collected: 05/19/21 15:30

Matrix: Water

Date Received: 05/21/21 08:00

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 18:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	492		10.0	4.0	mg/L			05/25/21 10:57	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	5.2		4.0	4.0	mg/L			05/22/21 16:47	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: Trip Blank

Lab Sample ID: 480-185032-23

Date Collected: 05/19/21 00:00

Matrix: Water

Date Received: 05/21/21 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			05/26/21 14:26	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 14:26	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/26/21 14:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/26/21 14:26	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/26/21 14:26	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/26/21 14:26	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/26/21 14:26	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/26/21 14:26	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/26/21 14:26	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 14:26	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/26/21 14:26	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/26/21 14:26	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/26/21 14:26	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/26/21 14:26	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/26/21 14:26	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/26/21 14:26	1
Acetone	10	U	10	3.0	ug/L			05/26/21 14:26	1
Benzene	1.0	U	1.0	0.41	ug/L			05/26/21 14:26	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/26/21 14:26	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/26/21 14:26	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/26/21 14:26	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/26/21 14:26	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/26/21 14:26	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/26/21 14:26	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/26/21 14:26	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/26/21 14:26	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/26/21 14:26	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/26/21 14:26	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/26/21 14:26	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/26/21 14:26	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/26/21 14:26	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/26/21 14:26	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/26/21 14:26	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/26/21 14:26	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/26/21 14:26	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/26/21 14:26	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/26/21 14:26	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/26/21 14:26	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/26/21 14:26	1
Styrene	1.0	U	1.0	0.73	ug/L			05/26/21 14:26	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/26/21 14:26	1
Toluene	1.0	U	1.0	0.51	ug/L			05/26/21 14:26	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/26/21 14:26	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/26/21 14:26	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/26/21 14:26	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/26/21 14:26	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/26/21 14:26	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/26/21 14:26	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: Trip Blank

Lab Sample ID: 480-185032-23

Date Collected: 05/19/21 00:00

Matrix: Water

Date Received: 05/21/21 08:00

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
Toluene-d8 (Surr)	94		80 - 120		05/26/21 14:26	1
1,2-Dichloroethane-d4 (Surr)	93		77 - 120		05/26/21 14:26	1
4-Bromofluorobenzene (Surr)	100		73 - 120		05/26/21 14:26	1
Dibromofluoromethane (Surr)	102		75 - 123		05/26/21 14:26	1

Surrogate Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		TOL (71-125)	DCA (64-126)	BFB (72-126)	DBFM (60-140)
480-184959-11	PPE-SED	99	101	90	99
480-184959-12	CELL 3	102	99	90	98
480-184959-13	CELL 2	103	100	92	98
480-184959-14	CELL 1	102	101	90	101
480-184959-16	PPI-SED	100	107	91	101
480-184959-23	DUP-SED	99	102	92	99
480-184959-23 MS	DUP-SED	101	95	95	99
480-184959-23 MSD	DUP-SED	101	95	93	98
480-185032-5	Unnamed Pond-SED	101	105	92	100
480-185032-5 MS	Unnamed Pond-SED	107	87	88	95
480-185032-5 MSD	Unnamed Pond-SED	105	88	90	96
480-185032-7	GFFC-1-SED	103	101	88	101
480-185032-9	GFFC-2-SED	100	102	88	100
480-185032-11	GFFC-3-SED	104	100	83	98
LCS 480-581934/1-A	Lab Control Sample	99	98	97	96
LCS 480-582411/1-A	Lab Control Sample	99	97	96	99
LCS 480-582616/1-A	Lab Control Sample	99	99	95	98
MB 480-581934/2-A	Method Blank	99	99	94	97
MB 480-582411/2-A	Method Blank	99	101	95	98
MB 480-582616/2-A	Method Blank	99	101	95	100

Surrogate Legend

TOL = Toluene-d8 (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		TOL (80-120)	DCA (77-120)	BFB (73-120)	DBFM (75-123)
480-184888-1	MW-8	94	105	96	104
480-184888-2	MW-9	95	100	98	105
480-184888-3	MW-12A	94	115	97	113
480-184888-4	MW-13A	98	107	97	107
480-184888-5	MW-12B	92	110	97	110
480-184888-6	MW-13B	95	108	93	113
480-184888-7	MW-15	96	107	99	109
480-184959-1	EW-1	98	91	102	98
480-184959-2	EW-2	95	92	101	100
480-184959-3	EW-3	94	95	97	102
480-184959-4	EW-4	96	90	102	98
480-184959-5	INFLUENT	100	89	102	100
480-184959-6	CCT	90	91	99	99
480-184959-7	CELL 3 BYPASS	94	96	99	104
480-184959-8	CELL 2 EFFLUENT	94	92	104	100
480-184959-9	CELL 1 EFFLUENT	96	90	101	98
480-184959-10	PPE	95	97	103	103

Eurofins TestAmerica, Buffalo

Surrogate Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		TOL (80-120)	DCA (77-120)	BFB (73-120)	DBFM (75-123)
480-184959-15	PPI	94	94	101	100
480-184959-17	TRIP BLANK-1	96	94	102	103
480-184959-18	MW-6	96	90	102	100
480-184959-18 MS	MW-6	97	93	104	98
480-184959-18 MSD	MW-6	98	91	100	101
480-184959-19	MW-6A	96	91	103	99
480-184959-20	MW-6B	97	95	106	101
480-184959-21	MW-7	92	103	101	104
480-184959-22	MW-1D	90	102	101	101
480-184959-24	DUP-SW	95	103	104	102
480-185032-1	MW-5	96	91	86	86
480-185032-2	MW-11	96	91	87	88
480-185032-3	MW-16	99	87	87	83
480-185032-4	Unnamed Pond-SW	96	96	85	92
480-185032-6	GFFC-1-SW	96	92	86	85
480-185032-8	GFFC-2-SW	96	93	83	87
480-185032-10	GFFC-3-SW	96	93	90	86
480-185032-12	Trip Blank-3	98	91	103	104
480-185032-13	MW-1	91	92	89	83
480-185032-14	MW-2A	93	89	84	83
480-185032-15	MW-1A	95	92	87	93
480-185032-16	DUP-MW	92	88	84	84
480-185032-17	MW-2	91	90	85	86
480-185032-18	EB-1	98	98	104	108
480-185032-19	FB-1	99	94	103	103
480-185032-20	MW-14A	94	88	83	84
480-185032-21	MW-14B	90	86	83	81
480-185032-22	MW-17	95	87	87	80
480-185032-23	Trip Blank	94	93	100	102
LCS 480-581769/5	Lab Control Sample	99	105	101	106
LCS 480-581985/5	Lab Control Sample	98	98	101	103
LCS 480-582386/6	Lab Control Sample	98	90	102	99
LCS 480-582472/5	Lab Control Sample	95	92	98	103
LCS 480-582665/31	Lab Control Sample	96	102	101	102
LCS 480-582668/5	Lab Control Sample	97	90	93	85
LCS 480-582671/5	Lab Control Sample	99	93	103	107
MB 480-581769/7	Method Blank	96	103	96	105
MB 480-581985/7	Method Blank	98	101	99	103
MB 480-582386/8	Method Blank	97	91	102	101
MB 480-582472/7	Method Blank	96	92	101	102
MB 480-582665/7	Method Blank	94	102	101	98
MB 480-582668/7	Method Blank	96	87	84	86
MB 480-582671/7	Method Blank	95	94	99	97

Surrogate Legend

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

Surrogate Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		TCX1 (60-154)	TCX2 (60-154)	DCBP1 (65-174)	DCBP2 (65-174)
480-184959-11	PPE-SED	132	138	128	139
480-184959-12	CELL 3	131	132	108	116
480-184959-13	CELL 2	134	142	129	139
480-184959-14	CELL 1	137	139	125	135
480-184959-16	PPI-SED	132	136	124	134
480-184959-23	DUP-SED	134	143	126	136
480-185032-5	Unnamed Pond-SED	108	103	86	83
480-185032-7	GFFC-1-SED	133	128	119	116
480-185032-9	GFFC-2-SED	118	118	107	104
480-185032-11	GFFC-3-SED	121	119	102	97
LCS 480-582659/2-A	Lab Control Sample	157 *	154	142	141
LCS 480-582929/2-A	Lab Control Sample	148	154	158	167
MB 480-582659/1-A	Method Blank	126	120	114	116
MB 480-582929/1-A	Method Blank	149	153	144	158

Surrogate Legend
TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		TCX1 (39-121)	TCX2 (39-121)	DCBP1 (19-120)	DCBP2 (19-120)
480-184888-1	MW-8	81	81	74	77
480-184888-2	MW-9	79	79	69	73
480-184888-3	MW-12A	85	83	69	72
480-184888-4	MW-13A	80	79	44	46
480-184888-5	MW-12B	80	81	38	39
480-184888-6	MW-13B	83	82	43	44
480-184888-7	MW-15	90	91	79	85
480-184959-1	EW-1	0 *	0 *	0 *	0 *
480-184959-2	EW-2	87	87	50	43
480-184959-3	EW-3	83	79	40	37
480-184959-4	EW-4	76	75	42	42
480-184959-5	INFLUENT	82	81	44	42
480-184959-6	CCT	72	70	42	41
480-184959-7	CELL 3 BYPASS	74	74	40	40
480-184959-8	CELL 2 EFFLUENT	82	85	41	40
480-184959-9	CELL 1 EFFLUENT	82	81	40	39
480-184959-10	PPE	77	76	34	34
480-184959-15	PPI	86	83	42	42
480-184959-18	MW-6	75	74	33	31
480-184959-18 MS	MW-6	76	73	30	29
480-184959-18 MSD	MW-6	74	73	29	28
480-184959-19	MW-6A	75	77	37	38
480-184959-20	MW-6B	67	68	19	18 *
480-184959-21	MW-7	82	82	42	40
480-184959-22	MW-1D	66	66	30	28
480-184959-24	DUP-SW	83	83	37	37

Eurofins TestAmerica, Buffalo

Surrogate Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		TCX1 (39-121)	TCX2 (39-121)	DCBP1 (19-120)	DCBP2 (19-120)
480-185032-1	MW-5	93	90	78	76
480-185032-2	MW-11	84	82	63	57
480-185032-3	MW-16	96	91	85	81
480-185032-4	Unnamed Pond-SW	92	89	48	45
480-185032-6	GFFC-1-SW	100	97	59	57
480-185032-8	GFFC-2-SW	100	97	61	55
480-185032-10	GFFC-3-SW	96	92	58	54
480-185032-13	MW-1	89	87	42	37
480-185032-14	MW-2A	108	106	97	95
480-185032-15	MW-1A	100	96	83	75
480-185032-16	DUP-MW	106	103	76	73
480-185032-17	MW-2	95	95	78	74
480-185032-18	EB-1	107	105	91	86
480-185032-19	FB-1	98	96	89	85
480-185032-20	MW-14A	107	100	82	83
480-185032-21	MW-14B	97	94	63	64
480-185032-22	MW-17	105	98	96	93
LCS 480-581775/2-A	Lab Control Sample	74	76	40	41
LCS 480-582777/2-A	Lab Control Sample	69	68	36	35
LCS 480-583031/2-A	Lab Control Sample	95	93	79	69
LCSD 480-583031/3-A	Lab Control Sample Dup	82	78	60	54
MB 480-581775/1-A	Method Blank	69	72	51	53
MB 480-582777/1-A	Method Blank	74	74	40	38
MB 480-583031/1-A	Method Blank	83	79	63	62

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Isotope Dilution Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	DXE (15-110)
480-184888-1	MW-8	29
480-184888-2	MW-9	29
480-184888-3	MW-12A	24
480-184888-4	MW-13A	29
480-184888-5	MW-12B	29
480-184888-6	MW-13B	31
480-184888-7	MW-15	29
480-184959-1	EW-1	28
480-184959-2	EW-2	25
480-184959-3	EW-3	27
480-184959-4	EW-4	31
480-184959-5	INFLUENT	34
480-184959-6	CCT	28
480-184959-7	CELL 3 BYPASS	31
480-184959-8	CELL 2 EFFLUENT	32
480-184959-9	CELL 1 EFFLUENT	32
480-184959-10	PPE	26
480-184959-15	PPI	30
480-184959-18	MW-6	32
480-184959-18 MS	MW-6	32
480-184959-18 MSD	MW-6	32
480-184959-19	MW-6A	31
480-184959-20	MW-6B	30
480-184959-21	MW-7	32
480-184959-22	MW-1D	27
480-184959-24	DUP-SW	29
480-185032-1	MW-5	37
480-185032-2	MW-11	30
480-185032-3	MW-16	30
480-185032-4	Unnamed Pond-SW	30
480-185032-6	GFFC-1-SW	32
480-185032-8	GFFC-2-SW	34
480-185032-10	GFFC-3-SW	35
480-185032-13	MW-1	30
480-185032-14	MW-2A	29
480-185032-15	MW-1A	29
480-185032-16	DUP-MW	29
480-185032-17	MW-2	29
480-185032-18	EB-1	30
480-185032-19	FB-1	29
480-185032-20	MW-14A	29
480-185032-21	MW-14B	29
480-185032-22	MW-17	29
LCS 480-581773/2-A	Lab Control Sample	32
LCS 480-581896/2-A	Lab Control Sample	34
LCS 480-581900/2-A	Lab Control Sample	30
LCS 480-582291/2-A	Lab Control Sample	34
LCSD 480-581900/3-A	Lab Control Sample Dup	29
LCSD 480-582291/3-A	Lab Control Sample Dup	32

Eurofins TestAmerica, Buffalo

Isotope Dilution Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

(Continued)

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DXE (15-110)
MB 480-581773/1-A	Method Blank	30
MB 480-581896/1-A	Method Blank	37
MB 480-581900/1-A	Method Blank	31
MB 480-582291/1-A	Method Blank	35

Surrogate Legend

DXE = 1,4-Dioxane-d8

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Solid

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFHxS (50-150)	C4PFHA (50-150)	PFOA (50-150)	PFOS (50-150)	PFNA (50-150)	PFBA (25-150)	PFHxA (50-150)	PFDA (50-150)
480-184959-11	PPE-SED	66	71	73	62	71	68	70	72
480-184959-12	CELL 3	79	87	88	79	85	76	90	88
480-184959-13	CELL 2	77	81	90	81	87	82	83	86
480-184959-14	CELL 1	72	78	84	64	77	67	78	83
480-184959-16	PPI-SED	84	87	85	84	88	87	93	93
480-184959-23	DUP-SED	82	85	89	78	84	85	91	89
480-185032-5	Unnamed Pond-SED	72	79	84	79	88	77	85	89
480-185032-7	GFCC-1-SED	78	82	86	77	86	83	87	88
480-185032-9	GFCC-2-SED	80	81	87	82	88	84	91	89
480-185032-9 MS	GFCC-2-SED	84	88	95	82	89	89	98	95
480-185032-9 MSD	GFCC-2-SED	79	85	92	79	90	85	94	90
480-185032-11	GFCC-3-SED	81	85	83	82	87	80	84	85
LCS 200-167231/2-A	Lab Control Sample	85	96	95	83	94	93	96	101
LCS 200-167432/2-A	Lab Control Sample	79	85	87	78	89	88	90	83
MB 200-167231/1-A	Method Blank	82	90	90	77	89	89	90	84
MB 200-167432/1-A	Method Blank	80	89	91	82	93	89	91	89

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFUnA (50-150)	PFDoA (50-150)	PFOSA (25-150)	PFPeA (25-150)	PFTDA (50-150)	d3NMFOS (50-150)	d5NEFOS (50-150)	M262FTS (25-150)
480-184959-11	PPE-SED	68	70	55	68	79	74	77	72
480-184959-12	CELL 3	87	88	61	82	70	94	99	106
480-184959-13	CELL 2	85	79	61	82	74	86	91	99
480-184959-14	CELL 1	80	71	54	75	56	79	102	126
480-184959-16	PPI-SED	92	85	73	88	87	97	102	80
480-184959-23	DUP-SED	80	82	71	88	85	87	94	91
480-185032-5	Unnamed Pond-SED	88	85	62	90	80	90	92	96
480-185032-7	GFCC-1-SED	94	85	61	82	77	91	100	88
480-185032-9	GFCC-2-SED	90	90	70	85	92	92	92	90
480-185032-9 MS	GFCC-2-SED	89	89	72	88	88	103	99	93
480-185032-9 MSD	GFCC-2-SED	82	82	71	89	85	94	88	93
480-185032-11	GFCC-3-SED	88	81	67	83	89	82	95	85
LCS 200-167231/2-A	Lab Control Sample	83	72	61	95	79	86	97	100
LCS 200-167432/2-A	Lab Control Sample	70	60	57	88	66	88	78	82
MB 200-167231/1-A	Method Blank	74	62	56	92	68	83	76	90
MB 200-167432/1-A	Method Blank	71	65	59	88	75	89	81	82

Eurofins TestAmerica, Buffalo

Isotope Dilution Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Isotope Dilution Recovery (Acceptance Limits)	
		M282FTS (25-150)	C3PFBS (50-150)
480-184959-11	PPE-SED	83	62
480-184959-12	CELL 3	113	79
480-184959-13	CELL 2	120	78
480-184959-14	CELL 1	119	70
480-184959-16	PPI-SED	101	84
480-184959-23	DUP-SED	98	83
480-185032-5	Unnamed Pond-SED	119	76
480-185032-7	GFFC-1-SED	115	77
480-185032-9	GFFC-2-SED	105	81
480-185032-9 MS	GFFC-2-SED	101	85
480-185032-9 MSD	GFFC-2-SED	92	78
480-185032-11	GFFC-3-SED	101	77
LCS 200-167231/2-A	Lab Control Sample	110	82
LCS 200-167432/2-A	Lab Control Sample	86	80
MB 200-167231/1-A	Method Blank	97	84
MB 200-167432/1-A	Method Blank	84	83

Surrogate Legend

PFHxS = 18O2 PFHxS
C4PFHA = 13C4 PFHxPA
PFOA = 13C4 PFOA
PFOS = 13C4 PFOS
PFNA = 13C5 PFNA
PFBA = 13C4 PFBA
PFHxA = 13C2 PFHxA
PFDA = 13C2 PFDA
PFUnA = 13C2 PFUnA
PFDaA = 13C2 PFDaA
PFOSA = 13C8 FOSA
PFPeA = 13C5 PFPeA
PFTDA = 13C2 PFTeDA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M262FTS = M2-6:2 FTS
M282FTS = M2-8:2 FTS
C3PFBS = 13C3 PFBS

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFOSA (25-150)	PFBA (25-150)	PFPeA (25-150)	PFHxA (50-150)	C4PFHA (50-150)	PFOA (50-150)	PFNA (50-150)	PFDA (50-150)
480-184888-1	MW-8	86	90	95	98	99	99	99	107
480-184888-2	MW-9	88	77	91	92	100	101	99	100
480-184888-3	MW-12A	76	43	64	80	88	99	99	102
480-184888-4	MW-13A	89	71	92	98	96	101	101	104
480-184888-5	MW-12B	75	39	59	73	83	98	92	96
480-184888-6	MW-13B	87	64	94	95	98	96	100	103
480-184888-7	MW-15	87	91	100	103	100	100	103	105
480-184959-1	EW-1	79	24 *	57		85		105	132

Eurofins TestAmerica, Buffalo

Isotope Dilution Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFOSA (25-150)	PFBA (25-150)	PFPeA (25-150)	PFHxA (50-150)	C4PFHA (50-150)	PFOA (50-150)	PFNA (50-150)	PFDA (50-150)
480-184959-1 - DL	EW-1				78		99		
480-184959-2	EW-2	67	42	64		85		90	89
480-184959-2	EW-2				76		96		
480-184959-3	EW-3	72	47	69		88		96	100
480-184959-3	EW-3				78		97		
480-184959-4	EW-4	75	74	81		93		92	87
480-184959-4	EW-4				92		97		
480-184959-5	INFLUENT	72	76	92	93	94	98	95	88
480-184959-6	CCT	82	71	84	92	97	103	102	93
480-184959-7	CELL 3 BYPASS	84	72	83	90	94	100	98	104
480-184959-8	CELL 2 EFFLUENT	87	72	85	91	95	100	99	109
480-184959-9	CELL 1 EFFLUENT	82	70	85	92	95	99	101	98
480-184959-10	PPE	81	73	86	92	93	94	93	99
480-184959-15	PPI	81	70	81	91	94	95	94	105
480-184959-18	MW-6	71	71	84	89	93	97	91	95
480-184959-18 MS	MW-6	75	71	87	88	94	99	100	96
480-184959-18 MSD	MW-6	71	73	87	90	93	96	92	103
480-184959-19	MW-6A	74	76	83	87	95	96	94	94
480-184959-20	MW-6B	80	83	93	92	95	95	93	98
480-184959-21	MW-7	72	79	88	96	92	98	94	90
480-184959-22	MW-1D	85	84	100	100	94	100	97	102
480-184959-24	DUP-SW	90	74	87	99	98	101	101	111
480-185032-1	MW-5	56	34	63	80	92	88	78	86
480-185032-2	MW-11	80	77	91	96	94	99	97	98
480-185032-3	MW-16	74	66	85	88	95	100	101	98
480-185032-3 - DL	MW-16								
480-185032-4	Unnamed Pond-SW	65	50	71	87	91	103	103	102
480-185032-6	GFFC-1-SW	72	85	89	97	98	97	97	97
480-185032-8	GFFC-2-SW	71	79	84	90	91	92	94	91
480-185032-10	GFFC-3-SW	77	83	89	95	91	99	97	98
480-185032-13	MW-1	69	93	101	104	99	98	93	88
480-185032-14	MW-2A	72	83	92	91	95	96	95	98
480-185032-15	MW-1A	76	87	98	96	95	97	95	92
480-185032-16	DUP-MW	77	91	106	102	100	103	98	90
480-185032-17	MW-2	79	74	90	94	96	98	100	105
480-185032-18	EB-1	64	101	102	100	98	98	99	101
480-185032-19	FB-1	58	100	95	102	97	98	105	102
480-185032-20	MW-14A	81	90	95	103	102	100	104	97
480-185032-21	MW-14B	78	90	97	100	94	98	99	96
480-185032-22	MW-17	73	82	97	100	96	99	99	98
LCS 200-167342/2-A	Lab Control Sample	76	100	101	100	95	103	101	105
LCS 200-167414/2-A	Lab Control Sample	69	97	101	95	96	98	97	107
LCS 200-167447/2-A	Lab Control Sample	62	96	98	99	95	98	95	103
MB 200-167342/1-A	Method Blank	78	101	103	101	101	104	106	111
MB 200-167414/1-A	Method Blank	75	99	101	102	100	102	103	110
MB 200-167447/1-A	Method Blank	63	94	98	97	93	98	102	96
Lab Sample ID	Client Sample ID	Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFUnA (50-150)	PFDaA (50-150)	PFTDA (50-150)	C3PFBS (50-150)	PFHxS (50-150)	PFOS (50-150)	d3NMFS (50-150)	d5NEFOS (50-150)
480-184888-1	MW-8	96	90	86	88	88	92	107	113

Eurofins TestAmerica, Buffalo

Isotope Dilution Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Isotope Dilution Recovery (Acceptance Limits)							
		PfUnA (50-150)	PfDoA (50-150)	PfTDA (50-150)	C3PFBS (50-150)	PfHxS (50-150)	PfOS (50-150)	d3NMfOS (50-150)	d5NEfOS (50-150)
480-184888-2	MW-9	98	87	87	91	93	95	104	105
480-184888-3	MW-12A	89	82	73	76	86	85	100	104
480-184888-4	MW-13A	115	110	90	90	91	95	112	118
480-184888-5	MW-12B	85	86	83	68	78	82	104	104
480-184888-6	MW-13B	108	101	75	82	92	92	104	117
480-184888-7	MW-15	92	88	87	88	93	93	111	114
480-184959-1	EW-1	132	133	110	81	100	96	141	152 *
480-184959-1 - DL	EW-1								
480-184959-2	EW-2	78	74	77	74	83	76	89	93
480-184959-2	EW-2								
480-184959-3	EW-3	99	92	75	75	82	83	85	107
480-184959-3	EW-3								
480-184959-4	EW-4	82	79	77	81	89	84	96	96
480-184959-4	EW-4								
480-184959-5	INFLUENT	81	82	80	84	92	87	93	104
480-184959-6	CCT	85	78	77	87	94	90	93	93
480-184959-7	CELL 3 BYPASS	99	95	89	82	89	97	112	102
480-184959-8	CELL 2 EFFLUENT	104	94	87	82	92	94	109	118
480-184959-9	CELL 1 EFFLUENT	84	78	69	83	93	89	91	95
480-184959-10	PPE	95	88	59	85	89	87	103	103
480-184959-15	PPI	93	90	85	79	84	89	109	106
480-184959-18	MW-6	78	73	70	82	86	85	89	85
480-184959-18 MS	MW-6	87	88	73	82	89	87	91	97
480-184959-18 MSD	MW-6	88	81	74	83	87	89	105	90
480-184959-19	MW-6A	90	88	83	85	87	86	100	107
480-184959-20	MW-6B	112	104	90	84	83	86	110	125
480-184959-21	MW-7	83	78	76	85	86	90	89	85
480-184959-22	MW-1D	95	96	83	94	87	89	108	100
480-184959-24	DUP-SW	101	97	93	89	96	97	119	118
480-185032-1	MW-5	79	72	68	83	90	68	88	87
480-185032-2	MW-11	95	84	86	86	86	90	101	110
480-185032-3	MW-16	93	90	90	86	90	91	107	107
480-185032-3 - DL	MW-16								
480-185032-4	Unnamed Pond-SW	98	87	54	77	90	91	111	111
480-185032-6	GFFC-1-SW	93	80	76	88	89	89	102	101
480-185032-8	GFFC-2-SW	87	81	74	80	86	82	92	101
480-185032-10	GFFC-3-SW	94	88	81	84	87	88	105	99
480-185032-13	MW-1	81	69	71	90	86	80	89	89
480-185032-14	MW-2A	85	81	84	84	87	84	94	92
480-185032-15	MW-1A	83	77	75	85	85	81	101	101
480-185032-16	DUP-MW	79	72	75	88	89	84	88	91
480-185032-17	MW-2	96	90	92	87	92	96	107	117
480-185032-18	EB-1	94	85	77	95	88	89	101	100
480-185032-19	FB-1	94	90	72	90	90	90	106	106
480-185032-20	MW-14A	97	95	87	89	93	93	111	108
480-185032-21	MW-14B	92	87	84	87	88	89	108	104
480-185032-22	MW-17	82	84	79	91	89	92	107	99
LCS 200-167342/2-A	Lab Control Sample	94	91	82	92	94	93	111	105
LCS 200-167414/2-A	Lab Control Sample	92	84	78	88	91	88	112	105
LCS 200-167447/2-A	Lab Control Sample	87	76	76	88	90	90	111	101

Eurofins TestAmerica, Buffalo

Isotope Dilution Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PfUnA (50-150)	PfDoA (50-150)	PFTDA (50-150)	C3PFBS (50-150)	PFHxS (50-150)	PFOS (50-150)	d3NMFOS (50-150)	d5NEFOS (50-150)
MB 200-167342/1-A	Method Blank	99	94	89	98	94	99	119	117
MB 200-167414/1-A	Method Blank	89	84	81	89	91	93	107	103
MB 200-167447/1-A	Method Blank	85	76	71	87	90	86	103	98
		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M262FTS (25-150)	M282FTS (25-150)						
480-184888-1	MW-8	92	106						
480-184888-2	MW-9	101	106						
480-184888-3	MW-12A	143	108						
480-184888-4	MW-13A	104	114						
480-184888-5	MW-12B	139	95						
480-184888-6	MW-13B	89	106						
480-184888-7	MW-15	95	107						
480-184959-1	EW-1	192 *	194 *						
480-184959-1 - DL	EW-1								
480-184959-2	EW-2	144	102						
480-184959-2	EW-2								
480-184959-3	EW-3	129	101						
480-184959-3	EW-3								
480-184959-4	EW-4	98	98						
480-184959-4	EW-4								
480-184959-5	INFLUENT	99	98						
480-184959-6	CCT	108	114						
480-184959-7	CELL 3 BYPASS	94	112						
480-184959-8	CELL 2 EFFLUENT	109	119						
480-184959-9	CELL 1 EFFLUENT	95	102						
480-184959-10	PPE	91	107						
480-184959-15	PPI	94	110						
480-184959-18	MW-6	102	93						
480-184959-18 MS	MW-6	104	103						
480-184959-18 MSD	MW-6	107	104						
480-184959-19	MW-6A	101	98						
480-184959-20	MW-6B	102	105						
480-184959-21	MW-7	92	107						
480-184959-22	MW-1D	99	111						
480-184959-24	DUP-SW	100	122						
480-185032-1	MW-5	169 *	104						
480-185032-2	MW-11	100	101						
480-185032-3	MW-16		108						
480-185032-3 - DL	MW-16	105							
480-185032-4	Unnamed Pond-SW	112	106						
480-185032-6	GFFC-1-SW	92	102						
480-185032-8	GFFC-2-SW	86	94						
480-185032-10	GFFC-3-SW	87	98						
480-185032-13	MW-1	97	89						
480-185032-14	MW-2A	92	95						
480-185032-15	MW-1A	92	90						
480-185032-16	DUP-MW	93	99						
480-185032-17	MW-2	96	113						
480-185032-18	EB-1	94	102						

Eurofins TestAmerica, Buffalo

Isotope Dilution Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Isotope Dilution Recovery (Acceptance Limits)	
		M262FTS (25-150)	M282FTS (25-150)
480-185032-19	FB-1	95	111
480-185032-20	MW-14A	96	109
480-185032-21	MW-14B	95	102
480-185032-22	MW-17	94	98
LCS 200-167342/2-A	Lab Control Sample	103	112
LCS 200-167414/2-A	Lab Control Sample	99	113
LCS 200-167447/2-A	Lab Control Sample	91	99
MB 200-167342/1-A	Method Blank	102	118
MB 200-167414/1-A	Method Blank	97	104
MB 200-167447/1-A	Method Blank	92	106

Surrogate Legend

PFOSA = 13C8 FOSA
 PFBA = 13C4 PFBA
 PFPeA = 13C5 PFPeA
 PFHxA = 13C2 PFHxA
 C4PFHA = 13C4 PFHpA
 PFOA = 13C4 PFOA
 PFNA = 13C5 PFNA
 PFDA = 13C2 PFDA
 PFUnA = 13C2 PFUnA
 PFDaA = 13C2 PFDaA
 PFTDA = 13C2 PFTeDA
 C3PFBS = 13C3 PFBS
 PFHxS = 18O2 PFHxS
 PFOS = 13C4 PFOS
 d3NMFOS = d3-NMeFOSAA
 d5NEFOS = d5-NEtFOSAA
 M262FTS = M2-6:2 FTS
 M282FTS = M2-8:2 FTS

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-581769/7

Matrix: Water

Analysis Batch: 581769

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	1.0	U	1.0	0.82	ug/L			05/20/21 11:08	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/20/21 11:08	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/20/21 11:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/20/21 11:08	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/20/21 11:08	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/20/21 11:08	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/20/21 11:08	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/20/21 11:08	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/20/21 11:08	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/20/21 11:08	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/20/21 11:08	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/20/21 11:08	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/20/21 11:08	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/20/21 11:08	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/20/21 11:08	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/20/21 11:08	1
Acetone	10	U	10	3.0	ug/L			05/20/21 11:08	1
Benzene	1.0	U	1.0	0.41	ug/L			05/20/21 11:08	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/20/21 11:08	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/20/21 11:08	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/20/21 11:08	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/20/21 11:08	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/20/21 11:08	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/20/21 11:08	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/20/21 11:08	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/20/21 11:08	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/20/21 11:08	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/20/21 11:08	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/20/21 11:08	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/20/21 11:08	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/20/21 11:08	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/20/21 11:08	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/20/21 11:08	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/20/21 11:08	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/20/21 11:08	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/20/21 11:08	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/20/21 11:08	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/20/21 11:08	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/20/21 11:08	1
Styrene	1.0	U	1.0	0.73	ug/L			05/20/21 11:08	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/20/21 11:08	1
Toluene	1.0	U	1.0	0.51	ug/L			05/20/21 11:08	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/20/21 11:08	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/20/21 11:08	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/20/21 11:08	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/20/21 11:08	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/20/21 11:08	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/20/21 11:08	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-581769/7

Matrix: Water

Analysis Batch: 581769

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		05/20/21 11:08	1
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		05/20/21 11:08	1
4-Bromofluorobenzene (Surr)	96		73 - 120		05/20/21 11:08	1
Dibromofluoromethane (Surr)	105		75 - 123		05/20/21 11:08	1

Lab Sample ID: LCS 480-581769/5

Matrix: Water

Analysis Batch: 581769

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	25.0	27.2		ug/L		109	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.4		ug/L		90	76 - 120
1,1,2-Trichloroethane	25.0	24.0		ug/L		96	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.0		ug/L		104	61 - 148
1,1-Dichloroethane	25.0	25.5		ug/L		102	77 - 120
1,1-Dichloroethene	25.0	26.3		ug/L		105	66 - 127
1,2,4-Trichlorobenzene	25.0	23.6		ug/L		94	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.1		ug/L		92	56 - 134
1,2-Dichlorobenzene	25.0	25.7		ug/L		103	80 - 124
1,2-Dichloroethane	25.0	26.7		ug/L		107	75 - 120
1,2-Dichloropropane	25.0	24.5		ug/L		98	76 - 120
1,3-Dichlorobenzene	25.0	24.2		ug/L		97	77 - 120
1,4-Dichlorobenzene	25.0	23.5		ug/L		94	80 - 120
2-Butanone (MEK)	125	118		ug/L		94	57 - 140
2-Hexanone	125	120		ug/L		96	65 - 127
4-Methyl-2-pentanone (MIBK)	125	124		ug/L		99	71 - 125
Acetone	125	121		ug/L		96	56 - 142
Benzene	25.0	23.4		ug/L		94	71 - 124
Bromodichloromethane	25.0	26.1		ug/L		104	80 - 122
Bromoform	25.0	23.2		ug/L		93	61 - 132
Bromomethane	25.0	24.5		ug/L		98	55 - 144
Carbon disulfide	25.0	23.7		ug/L		95	59 - 134
Carbon tetrachloride	25.0	27.1		ug/L		108	72 - 134
Chlorobenzene	25.0	24.2		ug/L		97	80 - 120
Dibromochloromethane	25.0	26.5		ug/L		106	75 - 125
Chloroethane	25.0	24.9		ug/L		99	69 - 136
Chloroform	25.0	26.1		ug/L		104	73 - 127
Chloromethane	25.0	26.7		ug/L		107	68 - 124
cis-1,2-Dichloroethene	25.0	25.2		ug/L		101	74 - 124
cis-1,3-Dichloropropene	25.0	23.5		ug/L		94	74 - 124
Cyclohexane	25.0	23.4		ug/L		94	59 - 135
Dichlorodifluoromethane	25.0	25.0		ug/L		100	59 - 135
Ethylbenzene	25.0	23.8		ug/L		95	77 - 123
1,2-Dibromoethane	25.0	25.3		ug/L		101	77 - 120
Isopropylbenzene	25.0	23.9		ug/L		96	77 - 122
Methyl acetate	50.0	46.1		ug/L		92	74 - 133
Methyl tert-butyl ether	25.0	25.4		ug/L		102	77 - 120
Methylcyclohexane	25.0	22.5		ug/L		90	68 - 134

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-581769/5

Matrix: Water

Analysis Batch: 581769

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	26.4		ug/L		106	75 - 124
Styrene	25.0	24.0		ug/L		96	80 - 120
Tetrachloroethene	25.0	24.8		ug/L		99	74 - 122
Toluene	25.0	23.3		ug/L		93	80 - 122
trans-1,2-Dichloroethene	25.0	25.4		ug/L		102	73 - 127
trans-1,3-Dichloropropene	25.0	23.9		ug/L		96	80 - 120
Trichloroethene	25.0	24.9		ug/L		100	74 - 123
Trichlorofluoromethane	25.0	27.5		ug/L		110	62 - 150
Vinyl chloride	25.0	24.6		ug/L		98	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	99		80 - 120
1,2-Dichloroethane-d4 (Surr)	105		77 - 120
4-Bromofluorobenzene (Surr)	101		73 - 120
Dibromofluoromethane (Surr)	106		75 - 123

Lab Sample ID: MB 480-581934/2-A

Matrix: Solid

Analysis Batch: 581938

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 581934

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.0 U		5.0	0.36	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
1,1,2,2-Tetrachloroethane	5.0 U		5.0	0.81	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
1,1,2-Trichloroethane	5.0 U		5.0	0.65	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U		5.0	1.1	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
1,1-Dichloroethane	5.0 U		5.0	0.61	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
1,1-Dichloroethene	5.0 U		5.0	0.61	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
1,2,4-Trichlorobenzene	5.0 U		5.0	0.30	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
1,2-Dibromo-3-Chloropropane	5.0 U		5.0	2.5	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
1,2-Dichlorobenzene	5.0 U		5.0	0.39	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
1,2-Dichloroethane	5.0 U		5.0	0.25	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
1,2-Dichloropropane	5.0 U		5.0	2.5	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
1,3-Dichlorobenzene	5.0 U		5.0	0.26	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
1,4-Dichlorobenzene	5.0 U		5.0	0.70	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
2-Butanone (MEK)	25 U		25	1.8	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
2-Hexanone	25 U		25	2.5	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
4-Methyl-2-pentanone (MIBK)	25 U		25	1.6	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
Acetone	25 U		25	4.2	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
Benzene	5.0 U		5.0	0.25	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
Bromodichloromethane	5.0 U		5.0	0.67	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
Bromoform	5.0 U		5.0	2.5	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
Bromomethane	5.0 U		5.0	0.45	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
Carbon disulfide	5.0 U		5.0	2.5	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
Carbon tetrachloride	5.0 U		5.0	0.48	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
Chlorobenzene	5.0 U		5.0	0.66	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
Dibromochloromethane	5.0 U		5.0	0.64	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
Chloroethane	5.0 U		5.0	1.1	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
Chloroform	5.0 U		5.0	0.31	ug/Kg		05/20/21 17:26	05/20/21 20:00	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-581934/2-A

Matrix: Solid

Analysis Batch: 581938

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 581934

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	5.0	U	5.0	0.30	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.64	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.72	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
Cyclohexane	5.0	U	5.0	0.70	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
Dichlorodifluoromethane	5.0	U	5.0	0.41	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
Ethylbenzene	5.0	U	5.0	0.35	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
1,2-Dibromoethane	5.0	U	5.0	0.64	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
Isopropylbenzene	5.0	U	5.0	0.75	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
Methyl acetate	25	U	25	3.0	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
Methyl tert-butyl ether	5.0	U	5.0	0.49	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
Methylcyclohexane	5.0	U	5.0	0.76	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
Methylene Chloride	5.0	U	5.0	2.3	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
Styrene	5.0	U	5.0	0.25	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
Tetrachloroethene	5.0	U	5.0	0.67	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
Toluene	5.0	U	5.0	0.38	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.52	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
trans-1,3-Dichloropropene	5.0	U	5.0	2.2	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
Trichloroethene	5.0	U	5.0	1.1	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
Trichlorofluoromethane	5.0	U	5.0	0.47	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
Vinyl chloride	5.0	U	5.0	0.61	ug/Kg		05/20/21 17:26	05/20/21 20:00	1
Xylenes, Total	10	U	10	0.84	ug/Kg		05/20/21 17:26	05/20/21 20:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		71 - 125	05/20/21 17:26	05/20/21 20:00	1
1,2-Dichloroethane-d4 (Surr)	99		64 - 126	05/20/21 17:26	05/20/21 20:00	1
4-Bromofluorobenzene (Surr)	94		72 - 126	05/20/21 17:26	05/20/21 20:00	1
Dibromofluoromethane (Surr)	97		60 - 140	05/20/21 17:26	05/20/21 20:00	1

Lab Sample ID: LCS 480-581934/1-A

Matrix: Solid

Analysis Batch: 581938

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 581934

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,1,1-Trichloroethane	50.0	47.0		ug/Kg		94	77 - 121
1,1,2,2-Tetrachloroethane	50.0	49.1		ug/Kg		98	80 - 120
1,1,2-Trichloroethane	50.0	48.2		ug/Kg		96	78 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	45.1		ug/Kg		90	60 - 140
1,1-Dichloroethane	50.0	45.5		ug/Kg		91	73 - 126
1,1-Dichloroethene	50.0	44.4		ug/Kg		89	59 - 125
1,2,4-Trichlorobenzene	50.0	47.1		ug/Kg		94	64 - 120
1,2-Dibromo-3-Chloropropane	50.0	50.0		ug/Kg		100	63 - 124
1,2-Dichlorobenzene	50.0	46.9		ug/Kg		94	75 - 120
1,2-Dichloroethane	50.0	45.4		ug/Kg		91	77 - 122
1,2-Dichloropropane	50.0	46.3		ug/Kg		93	75 - 124
1,3-Dichlorobenzene	50.0	47.1		ug/Kg		94	74 - 120
1,4-Dichlorobenzene	50.0	48.3		ug/Kg		97	73 - 120
2-Butanone (MEK)	250	241		ug/Kg		96	70 - 134
2-Hexanone	250	256		ug/Kg		102	59 - 130

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-581934/1-A

Matrix: Solid

Analysis Batch: 581938

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 581934

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Methyl-2-pentanone (MIBK)	250	243		ug/Kg		97	65 - 133
Acetone	250	227		ug/Kg		91	61 - 137
Benzene	50.0	45.9		ug/Kg		92	79 - 127
Bromodichloromethane	50.0	48.6		ug/Kg		97	80 - 122
Bromoform	50.0	46.5		ug/Kg		93	68 - 126
Bromomethane	50.0	44.0		ug/Kg		88	37 - 149
Carbon disulfide	50.0	43.5		ug/Kg		87	64 - 131
Carbon tetrachloride	50.0	48.7		ug/Kg		97	75 - 135
Chlorobenzene	50.0	46.6		ug/Kg		93	76 - 124
Dibromochloromethane	50.0	51.7		ug/Kg		103	76 - 125
Chloroethane	50.0	44.8		ug/Kg		90	69 - 135
Chloroform	50.0	45.5		ug/Kg		91	80 - 120
Chloromethane	50.0	41.7		ug/Kg		83	63 - 127
cis-1,2-Dichloroethene	50.0	44.8		ug/Kg		90	81 - 120
cis-1,3-Dichloropropene	50.0	47.3		ug/Kg		95	80 - 120
Cyclohexane	50.0	44.2		ug/Kg		88	65 - 120
Dichlorodifluoromethane	50.0	38.7		ug/Kg		77	57 - 142
Ethylbenzene	50.0	47.5		ug/Kg		95	80 - 120
1,2-Dibromoethane	50.0	47.4		ug/Kg		95	78 - 120
Isopropylbenzene	50.0	48.8		ug/Kg		98	72 - 120
Methyl acetate	100	91.7		ug/Kg		92	55 - 136
Methyl tert-butyl ether	50.0	45.1		ug/Kg		90	63 - 125
Methylcyclohexane	50.0	44.2		ug/Kg		88	60 - 140
Methylene Chloride	50.0	47.4		ug/Kg		95	61 - 127
Styrene	50.0	46.6		ug/Kg		93	80 - 120
Tetrachloroethene	50.0	46.0		ug/Kg		92	74 - 122
Toluene	50.0	46.9		ug/Kg		94	74 - 128
trans-1,2-Dichloroethene	50.0	45.1		ug/Kg		90	78 - 126
trans-1,3-Dichloropropene	50.0	51.0		ug/Kg		102	73 - 123
Trichloroethene	50.0	45.6		ug/Kg		91	77 - 129
Trichlorofluoromethane	50.0	47.9		ug/Kg		96	65 - 146
Vinyl chloride	50.0	43.1		ug/Kg		86	61 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	99		71 - 125
1,2-Dichloroethane-d4 (Surr)	98		64 - 126
4-Bromofluorobenzene (Surr)	97		72 - 126
Dibromofluoromethane (Surr)	96		60 - 140

Lab Sample ID: 480-184959-23 MS

Matrix: Solid

Analysis Batch: 581938

Client Sample ID: DUP-SED

Prep Type: Total/NA

Prep Batch: 581934

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	9.2	U	91.7	67.6	*	ug/Kg	✖	74	77 - 121
1,1,1,2-Tetrachloroethane	9.2	U	91.7	51.9	*	ug/Kg	✖	57	80 - 120
1,1,2-Trichloroethane	9.2	U	91.7	58.1	*	ug/Kg	✖	63	78 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	9.2	U	91.7	64.5		ug/Kg	✖	70	60 - 140

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-184959-23 MS

Matrix: Solid

Analysis Batch: 581938

Client Sample ID: DUP-SED

Prep Type: Total/NA

Prep Batch: 581934

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	9.2	U	91.7	69.1		ug/Kg	✱	75	73 - 126
1,1-Dichloroethene	9.2	U	91.7	69.7		ug/Kg	✱	76	59 - 125
1,2,4-Trichlorobenzene	9.2	U	91.7	24.6	*	ug/Kg	✱	27	64 - 120
1,2-Dibromo-3-Chloropropane	9.2	U	91.7	43.3	*	ug/Kg	✱	47	63 - 124
1,2-Dichlorobenzene	9.2	U	91.7	42.0	*	ug/Kg	✱	46	75 - 120
1,2-Dichloroethane	9.2	U	91.7	60.2	*	ug/Kg	✱	66	77 - 122
1,2-Dichloropropane	9.2	U	91.7	62.7	*	ug/Kg	✱	68	75 - 124
1,3-Dichlorobenzene	9.2	U	91.7	44.6	*	ug/Kg	✱	49	74 - 120
1,4-Dichlorobenzene	9.2	U	91.7	45.2	*	ug/Kg	✱	49	73 - 120
2-Butanone (MEK)	46	U	459	242	*	ug/Kg	✱	53	70 - 134
2-Hexanone	46	U	459	264	*	ug/Kg	✱	58	59 - 130
4-Methyl-2-pentanone (MIBK)	46	U	459	272	*	ug/Kg	✱	59	65 - 133
Acetone	29	J	459	243	*	ug/Kg	✱	47	61 - 137
Benzene	9.2	U	91.7	66.4	*	ug/Kg	✱	72	79 - 127
Bromodichloromethane	9.2	U	91.7	51.2	*	ug/Kg	✱	56	80 - 122
Bromoform	9.2	U	91.7	35.9	*	ug/Kg	✱	39	68 - 126
Bromomethane	9.2	U	91.7	59.7		ug/Kg	✱	65	37 - 149
Carbon disulfide	9.2	U	91.7	65.8		ug/Kg	✱	72	64 - 131
Carbon tetrachloride	9.2	U	91.7	44.4	*	ug/Kg	✱	48	75 - 135
Chlorobenzene	9.2	U	91.7	56.8	*	ug/Kg	✱	62	76 - 124
Dibromochloromethane	9.2	U	91.7	46.5	*	ug/Kg	✱	51	76 - 125
Chloroethane	9.2	U	91.7	71.6		ug/Kg	✱	78	69 - 135
Chloroform	9.2	U	91.7	68.4	*	ug/Kg	✱	75	80 - 120
Chloromethane	9.2	U	91.7	64.3		ug/Kg	✱	70	63 - 127
cis-1,2-Dichloroethene	9.2	U	91.7	65.2	*	ug/Kg	✱	71	80 - 120
cis-1,3-Dichloropropene	9.2	U	91.7	50.0	*	ug/Kg	✱	55	80 - 120
Cyclohexane	9.2	U	91.7	52.1	*	ug/Kg	✱	57	65 - 120
Dichlorodifluoromethane	9.2	U	91.7	68.0		ug/Kg	✱	74	57 - 142
Ethylbenzene	9.2	U	91.7	57.2	*	ug/Kg	✱	62	80 - 120
1,2-Dibromoethane	9.2	U	91.7	53.8	*	ug/Kg	✱	59	78 - 120
Isopropylbenzene	9.2	U	91.7	54.8	*	ug/Kg	✱	60	72 - 120
Methyl acetate	46	U	183	126		ug/Kg	✱	68	55 - 136
Methyl tert-butyl ether	9.2	U	91.7	59.0		ug/Kg	✱	64	63 - 125
Methylcyclohexane	9.2	U	91.7	40.5	*	ug/Kg	✱	44	60 - 140
Methylene Chloride	9.2	U	91.7	74.0		ug/Kg	✱	81	61 - 127
Styrene	9.2	U	91.7	50.2	*	ug/Kg	✱	55	80 - 120
Tetrachloroethene	9.2	U	91.7	56.0	*	ug/Kg	✱	61	74 - 122
Toluene	9.2	U	91.7	63.2	*	ug/Kg	✱	69	74 - 128
trans-1,2-Dichloroethene	9.2	U	91.7	68.9	*	ug/Kg	✱	75	78 - 126
trans-1,3-Dichloropropene	9.2	U	91.7	51.3	*	ug/Kg	✱	56	73 - 123
Trichloroethene	9.2	U	91.7	62.0	*	ug/Kg	✱	68	77 - 129
Trichlorofluoromethane	9.2	U	91.7	76.4		ug/Kg	✱	83	65 - 146
Vinyl chloride	9.2	U	91.7	67.4		ug/Kg	✱	73	61 - 133

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	101		71 - 125
1,2-Dichloroethane-d4 (Surr)	95		64 - 126
4-Bromofluorobenzene (Surr)	95		72 - 126

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-184959-23 MS

Matrix: Solid

Analysis Batch: 581938

Client Sample ID: DUP-SED

Prep Type: Total/NA

Prep Batch: 581934

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr)	99		60 - 140

Lab Sample ID: 480-184959-23 MSD

Matrix: Solid

Analysis Batch: 581938

Client Sample ID: DUP-SED

Prep Type: Total/NA

Prep Batch: 581934

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	9.2	U	92.5	66.0	*	ug/Kg	✱	71	77 - 121	2	30
1,1,2,2-Tetrachloroethane	9.2	U	92.5	54.8	*	ug/Kg	✱	59	80 - 120	5	30
1,1,2-Trichloroethane	9.2	U	92.5	61.4	*	ug/Kg	✱	66	78 - 122	5	30
1,1,2-Trichloro-1,2,2-trifluoroethane	9.2	U	92.5	60.1		ug/Kg	✱	65	60 - 140	7	30
1,1-Dichloroethane	9.2	U	92.5	68.4		ug/Kg	✱	74	73 - 126	1	30
1,1-Dichloroethene	9.2	U	92.5	70.3		ug/Kg	✱	76	59 - 125	1	30
1,2,4-Trichlorobenzene	9.2	U	92.5	24.5	*	ug/Kg	✱	26	64 - 120	0	30
1,2-Dibromo-3-Chloropropane	9.2	U	92.5	44.2	*	ug/Kg	✱	48	63 - 124	2	30
1,2-Dichlorobenzene	9.2	U	92.5	41.3	*	ug/Kg	✱	45	75 - 120	2	30
1,2-Dichloroethane	9.2	U	92.5	62.3	*	ug/Kg	✱	67	77 - 122	3	30
1,2-Dichloropropane	9.2	U	92.5	64.3	*	ug/Kg	✱	69	75 - 124	2	30
1,3-Dichlorobenzene	9.2	U	92.5	44.3	*	ug/Kg	✱	48	74 - 120	1	30
1,4-Dichlorobenzene	9.2	U	92.5	43.8	*	ug/Kg	✱	47	73 - 120	3	30
2-Butanone (MEK)	46	U	462	253	*	ug/Kg	✱	55	70 - 134	5	30
2-Hexanone	46	U	462	278		ug/Kg	✱	60	59 - 130	5	30
4-Methyl-2-pentanone (MIBK)	46	U	462	287	*	ug/Kg	✱	62	65 - 133	5	30
Acetone	29	J	462	253	*	ug/Kg	✱	48	61 - 137	4	30
Benzene	9.2	U	92.5	65.9	*	ug/Kg	✱	71	79 - 127	1	30
Bromodichloromethane	9.2	U	92.5	44.4	*	ug/Kg	✱	48	80 - 122	14	30
Bromoform	9.2	U	92.5	30.4	*	ug/Kg	✱	33	68 - 126	17	30
Bromomethane	9.2	U	92.5	54.0		ug/Kg	✱	58	37 - 149	10	30
Carbon disulfide	9.2	U	92.5	64.1		ug/Kg	✱	69	64 - 131	3	30
Carbon tetrachloride	9.2	U	92.5	38.2	*	ug/Kg	✱	41	75 - 135	15	30
Chlorobenzene	9.2	U	92.5	56.5	*	ug/Kg	✱	61	76 - 124	0	30
Dibromochloromethane	9.2	U	92.5	38.5	*	ug/Kg	✱	42	76 - 125	19	30
Chloroethane	9.2	U	92.5	69.7		ug/Kg	✱	75	69 - 135	3	30
Chloroform	9.2	U	92.5	68.7	*	ug/Kg	✱	74	80 - 120	0	30
Chloromethane	9.2	U	92.5	62.2		ug/Kg	✱	67	63 - 127	3	30
cis-1,2-Dichloroethene	9.2	U	92.5	65.0	*	ug/Kg	✱	70	80 - 120	0	30
cis-1,3-Dichloropropene	9.2	U	92.5	44.4	*	ug/Kg	✱	48	80 - 120	12	30
Cyclohexane	9.2	U	92.5	49.6	*	ug/Kg	✱	54	65 - 120	5	30
Dichlorodifluoromethane	9.2	U	92.5	61.8		ug/Kg	✱	67	57 - 142	10	30
Ethylbenzene	9.2	U	92.5	56.6	*	ug/Kg	✱	61	80 - 120	1	30
1,2-Dibromoethane	9.2	U	92.5	56.4	*	ug/Kg	✱	61	78 - 120	5	30
Isopropylbenzene	9.2	U	92.5	52.7	*	ug/Kg	✱	57	72 - 120	4	30
Methyl acetate	46	U	185	125		ug/Kg	✱	67	55 - 136	1	30
Methyl tert-butyl ether	9.2	U	92.5	59.3		ug/Kg	✱	64	63 - 125	1	30
Methylcyclohexane	9.2	U	92.5	39.0	*	ug/Kg	✱	42	60 - 140	4	30
Methylene Chloride	9.2	U	92.5	75.1		ug/Kg	✱	81	61 - 127	1	30
Styrene	9.2	U	92.5	47.1	*	ug/Kg	✱	51	80 - 120	6	30
Tetrachloroethene	9.2	U	92.5	53.0	*	ug/Kg	✱	57	74 - 122	5	30

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-184959-23 MSD

Matrix: Solid

Analysis Batch: 581938

Client Sample ID: DUP-SED

Prep Type: Total/NA

Prep Batch: 581934

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	9.2	U	92.5	63.3	*	ug/Kg	⊗	68	74 - 128	0	30
trans-1,2-Dichloroethene	9.2	U	92.5	67.8	*	ug/Kg	⊗	73	78 - 126	2	30
trans-1,3-Dichloropropene	9.2	U	92.5	47.3	*	ug/Kg	⊗	51	73 - 123	8	30
Trichloroethene	9.2	U	92.5	60.8	*	ug/Kg	⊗	66	77 - 129	2	30
Trichlorofluoromethane	9.2	U	92.5	73.1		ug/Kg	⊗	79	65 - 146	4	30
Vinyl chloride	9.2	U	92.5	65.7		ug/Kg	⊗	71	61 - 133	3	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Toluene-d8 (Surr)	101		71 - 125
1,2-Dichloroethane-d4 (Surr)	95		64 - 126
4-Bromofluorobenzene (Surr)	93		72 - 126
Dibromofluoromethane (Surr)	98		60 - 140

Lab Sample ID: MB 480-581985/7

Matrix: Water

Analysis Batch: 581985

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	1.0	U	1.0	0.82	ug/L			05/21/21 11:00	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/21/21 11:00	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/21/21 11:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/21/21 11:00	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/21/21 11:00	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/21/21 11:00	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/21/21 11:00	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/21/21 11:00	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/21/21 11:00	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/21/21 11:00	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/21/21 11:00	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/21/21 11:00	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/21/21 11:00	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/21/21 11:00	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/21/21 11:00	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/21/21 11:00	1
Acetone	10	U	10	3.0	ug/L			05/21/21 11:00	1
Benzene	1.0	U	1.0	0.41	ug/L			05/21/21 11:00	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/21/21 11:00	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/21/21 11:00	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/21/21 11:00	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/21/21 11:00	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/21/21 11:00	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/21/21 11:00	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/21/21 11:00	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/21/21 11:00	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/21/21 11:00	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/21/21 11:00	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/21/21 11:00	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/21/21 11:00	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-581985/7

Matrix: Water

Analysis Batch: 581985

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/21/21 11:00	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/21/21 11:00	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/21/21 11:00	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/21/21 11:00	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/21/21 11:00	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/21/21 11:00	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/21/21 11:00	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/21/21 11:00	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/21/21 11:00	1
Styrene	1.0	U	1.0	0.73	ug/L			05/21/21 11:00	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/21/21 11:00	1
Toluene	1.0	U	1.0	0.51	ug/L			05/21/21 11:00	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/21/21 11:00	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/21/21 11:00	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/21/21 11:00	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/21/21 11:00	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/21/21 11:00	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/21/21 11:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		05/21/21 11:00	1
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		05/21/21 11:00	1
4-Bromofluorobenzene (Surr)	99		73 - 120		05/21/21 11:00	1
Dibromofluoromethane (Surr)	103		75 - 123		05/21/21 11:00	1

Lab Sample ID: LCS 480-581985/5

Matrix: Water

Analysis Batch: 581985

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	25.0	24.7		ug/L		99	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.9		ug/L		92	76 - 120
1,1,2-Trichloroethane	25.0	23.9		ug/L		95	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.7		ug/L		91	61 - 148
1,1-Dichloroethane	25.0	24.0		ug/L		96	77 - 120
1,1-Dichloroethene	25.0	24.2		ug/L		97	66 - 127
1,2,4-Trichlorobenzene	25.0	23.2		ug/L		93	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	22.0		ug/L		88	56 - 134
1,2-Dichlorobenzene	25.0	22.8		ug/L		91	80 - 124
1,2-Dichloroethane	25.0	25.1		ug/L		100	75 - 120
1,2-Dichloropropane	25.0	23.8		ug/L		95	76 - 120
1,3-Dichlorobenzene	25.0	23.4		ug/L		93	77 - 120
1,4-Dichlorobenzene	25.0	22.6		ug/L		91	80 - 120
2-Butanone (MEK)	125	113		ug/L		91	57 - 140
2-Hexanone	125	119		ug/L		96	65 - 127
4-Methyl-2-pentanone (MIBK)	125	122		ug/L		98	71 - 125
Acetone	125	113		ug/L		90	56 - 142
Benzene	25.0	22.6		ug/L		90	71 - 124

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-581985/5

Matrix: Water

Analysis Batch: 581985

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromodichloromethane	25.0	24.1		ug/L		96	80 - 122
Bromoform	25.0	22.4		ug/L		89	61 - 132
Bromomethane	25.0	23.5		ug/L		94	55 - 144
Carbon disulfide	25.0	21.9		ug/L		88	59 - 134
Carbon tetrachloride	25.0	23.0		ug/L		92	72 - 134
Chlorobenzene	25.0	23.7		ug/L		95	80 - 120
Dibromochloromethane	25.0	24.5		ug/L		98	75 - 125
Chloroethane	25.0	24.1		ug/L		97	69 - 136
Chloroform	25.0	24.2		ug/L		97	73 - 127
Chloromethane	25.0	23.4		ug/L		94	68 - 124
cis-1,2-Dichloroethene	25.0	23.5		ug/L		94	74 - 124
cis-1,3-Dichloropropene	25.0	22.9		ug/L		92	74 - 124
Cyclohexane	25.0	20.9		ug/L		84	59 - 135
Dichlorodifluoromethane	25.0	21.6		ug/L		87	59 - 135
Ethylbenzene	25.0	23.4		ug/L		94	77 - 123
1,2-Dibromoethane	25.0	24.9		ug/L		100	77 - 120
Isopropylbenzene	25.0	23.0		ug/L		92	77 - 122
Methyl acetate	50.0	43.5		ug/L		87	74 - 133
Methyl tert-butyl ether	25.0	24.5		ug/L		98	77 - 120
Methylcyclohexane	25.0	20.9		ug/L		84	68 - 134
Methylene Chloride	25.0	24.4		ug/L		98	75 - 124
Styrene	25.0	23.3		ug/L		93	80 - 120
Tetrachloroethene	25.0	25.0		ug/L		100	74 - 122
Toluene	25.0	23.0		ug/L		92	80 - 122
trans-1,2-Dichloroethene	25.0	23.1		ug/L		92	73 - 127
trans-1,3-Dichloropropene	25.0	24.0		ug/L		96	80 - 120
Trichloroethene	25.0	23.1		ug/L		92	74 - 123
Trichlorofluoromethane	25.0	24.7		ug/L		99	62 - 150
Vinyl chloride	25.0	24.6		ug/L		98	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	98		80 - 120
1,2-Dichloroethane-d4 (Surr)	98		77 - 120
4-Bromofluorobenzene (Surr)	101		73 - 120
Dibromofluoromethane (Surr)	103		75 - 123

Lab Sample ID: MB 480-582386/8

Matrix: Water

Analysis Batch: 582386

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	1.0	U	1.0	0.82	ug/L			05/24/21 22:50	1
1,1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/24/21 22:50	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/24/21 22:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/24/21 22:50	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/24/21 22:50	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/24/21 22:50	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/24/21 22:50	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-582386/8

Matrix: Water

Analysis Batch: 582386

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/24/21 22:50	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/24/21 22:50	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/24/21 22:50	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/24/21 22:50	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/24/21 22:50	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/24/21 22:50	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/24/21 22:50	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/24/21 22:50	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/24/21 22:50	1
Acetone	10	U	10	3.0	ug/L			05/24/21 22:50	1
Benzene	1.0	U	1.0	0.41	ug/L			05/24/21 22:50	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/24/21 22:50	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/24/21 22:50	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/24/21 22:50	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/24/21 22:50	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/24/21 22:50	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/24/21 22:50	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/24/21 22:50	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/24/21 22:50	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/24/21 22:50	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/24/21 22:50	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/24/21 22:50	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/24/21 22:50	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/24/21 22:50	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/24/21 22:50	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/24/21 22:50	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/24/21 22:50	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/24/21 22:50	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/24/21 22:50	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/24/21 22:50	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/24/21 22:50	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/24/21 22:50	1
Styrene	1.0	U	1.0	0.73	ug/L			05/24/21 22:50	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/24/21 22:50	1
Toluene	1.0	U	1.0	0.51	ug/L			05/24/21 22:50	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/24/21 22:50	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/24/21 22:50	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/24/21 22:50	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/24/21 22:50	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/24/21 22:50	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/24/21 22:50	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120					05/24/21 22:50	1
1,2-Dichloroethane-d4 (Surr)	91		77 - 120					05/24/21 22:50	1
4-Bromofluorobenzene (Surr)	102		73 - 120					05/24/21 22:50	1
Dibromofluoromethane (Surr)	101		75 - 123					05/24/21 22:50	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-582386/6

Matrix: Water

Analysis Batch: 582386

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	25.0	23.5		ug/L		94	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.4		ug/L		90	76 - 120
1,1,2-Trichloroethane	25.0	24.0		ug/L		96	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.0		ug/L		104	61 - 148
1,1-Dichloroethane	25.0	23.2		ug/L		93	77 - 120
1,1-Dichloroethene	25.0	26.3		ug/L		105	66 - 127
1,2,4-Trichlorobenzene	25.0	24.3		ug/L		97	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	20.7		ug/L		83	56 - 134
1,2-Dichlorobenzene	25.0	23.8		ug/L		95	80 - 124
1,2-Dichloroethane	25.0	22.3		ug/L		89	75 - 120
1,2-Dichloropropane	25.0	23.2		ug/L		93	76 - 120
1,3-Dichlorobenzene	25.0	23.8		ug/L		95	77 - 120
1,4-Dichlorobenzene	25.0	23.2		ug/L		93	80 - 120
2-Butanone (MEK)	125	96.1		ug/L		77	57 - 140
2-Hexanone	125	99.4		ug/L		80	65 - 127
4-Methyl-2-pentanone (MIBK)	125	103		ug/L		82	71 - 125
Acetone	125	99.4		ug/L		80	56 - 142
Benzene	25.0	23.1		ug/L		92	71 - 124
Bromodichloromethane	25.0	23.3		ug/L		93	80 - 122
Bromoform	25.0	22.3		ug/L		89	61 - 132
Bromomethane	25.0	22.4		ug/L		90	55 - 144
Carbon disulfide	25.0	22.9		ug/L		92	59 - 134
Carbon tetrachloride	25.0	22.7		ug/L		91	72 - 134
Chlorobenzene	25.0	24.4		ug/L		98	80 - 120
Dibromochloromethane	25.0	24.4		ug/L		98	75 - 125
Chloroethane	25.0	22.4		ug/L		90	69 - 136
Chloroform	25.0	23.8		ug/L		95	73 - 127
Chloromethane	25.0	21.7		ug/L		87	68 - 124
cis-1,2-Dichloroethene	25.0	24.3		ug/L		97	74 - 124
cis-1,3-Dichloropropene	25.0	22.6		ug/L		90	74 - 124
Cyclohexane	25.0	22.1		ug/L		88	59 - 135
Dichlorodifluoromethane	25.0	21.9		ug/L		88	59 - 135
Ethylbenzene	25.0	23.6		ug/L		94	77 - 123
1,2-Dibromoethane	25.0	25.2		ug/L		101	77 - 120
Isopropylbenzene	25.0	23.1		ug/L		93	77 - 122
Methyl acetate	50.0	40.3		ug/L		81	74 - 133
Methyl tert-butyl ether	25.0	24.7		ug/L		99	77 - 120
Methylcyclohexane	25.0	23.7		ug/L		95	68 - 134
Methylene Chloride	25.0	25.4		ug/L		101	75 - 124
Styrene	25.0	24.1		ug/L		96	80 - 120
Tetrachloroethene	25.0	24.3		ug/L		97	74 - 122
Toluene	25.0	23.6		ug/L		94	80 - 122
trans-1,2-Dichloroethene	25.0	24.0		ug/L		96	73 - 127
trans-1,3-Dichloropropene	25.0	22.9		ug/L		91	80 - 120
Trichloroethene	25.0	23.7		ug/L		95	74 - 123
Trichlorofluoromethane	25.0	23.7		ug/L		95	62 - 150
Vinyl chloride	25.0	22.8		ug/L		91	65 - 133

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-582386/6

Matrix: Water

Analysis Batch: 582386

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	98		80 - 120
1,2-Dichloroethane-d4 (Surr)	90		77 - 120
4-Bromofluorobenzene (Surr)	102		73 - 120
Dibromofluoromethane (Surr)	99		75 - 123

Lab Sample ID: 480-184959-18 MS

Matrix: Water

Analysis Batch: 582386

Client Sample ID: MW-6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	1.0	U	25.0	27.4		ug/L		110	73 - 126
1,1,2,2-Tetrachloroethane	1.0	U	25.0	24.7		ug/L		99	76 - 120
1,1,2-Trichloroethane	1.0	U	25.0	27.0		ug/L		108	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	25.0	29.0		ug/L		116	61 - 148
1,1-Dichloroethane	1.0	U	25.0	26.9		ug/L		108	77 - 120
1,1-Dichloroethene	1.0	U	25.0	29.7		ug/L		119	66 - 127
1,2,4-Trichlorobenzene	1.0	U	25.0	25.6		ug/L		102	79 - 122
1,2-Dibromo-3-Chloropropane	1.0	U	25.0	22.2		ug/L		89	56 - 134
1,2-Dichlorobenzene	1.0	U	25.0	26.5		ug/L		106	80 - 124
1,2-Dichloroethane	1.0	U	25.0	24.7		ug/L		99	75 - 120
1,2-Dichloropropane	1.0	U	25.0	25.8		ug/L		103	76 - 120
1,3-Dichlorobenzene	1.0	U	25.0	26.5		ug/L		106	77 - 120
1,4-Dichlorobenzene	1.4		25.0	27.1		ug/L		103	78 - 124
2-Butanone (MEK)	10	U	125	104		ug/L		83	57 - 140
2-Hexanone	5.0	U	125	110		ug/L		88	65 - 127
4-Methyl-2-pentanone (MIBK)	5.0	U	125	113		ug/L		90	71 - 125
Acetone	10	U	125	104		ug/L		83	56 - 142
Benzene	1.8		25.0	28.0		ug/L		105	71 - 124
Bromodichloromethane	1.0	U	25.0	25.2		ug/L		101	80 - 122
Bromoform	1.0	U	25.0	24.3		ug/L		97	61 - 132
Bromomethane	1.0	U	25.0	27.1		ug/L		108	55 - 144
Carbon disulfide	1.0	U	25.0	25.7		ug/L		103	59 - 134
Carbon tetrachloride	1.0	U	25.0	25.9		ug/L		104	72 - 134
Chlorobenzene	14		25.0	40.6		ug/L		105	80 - 120
Dibromochloromethane	1.0	U	25.0	25.9		ug/L		104	75 - 125
Chloroethane	0.47	J	25.0	28.3		ug/L		111	69 - 136
Chloroform	1.0	U	25.0	26.6		ug/L		107	73 - 127
Chloromethane	1.0	U	25.0	24.5		ug/L		98	68 - 124
cis-1,2-Dichloroethene	1.0	U	25.0	27.0		ug/L		108	74 - 124
cis-1,3-Dichloropropene	1.0	U	25.0	23.0		ug/L		92	74 - 124
Cyclohexane	0.86	J	25.0	26.2		ug/L		101	59 - 135
Dichlorodifluoromethane	1.0	U	25.0	26.1		ug/L		104	59 - 135
Ethylbenzene	1.0	U	25.0	26.9		ug/L		108	77 - 123
1,2-Dibromoethane	1.0	U	25.0	26.9		ug/L		108	77 - 120
Isopropylbenzene	1.0	U	25.0	26.6		ug/L		106	77 - 122
Methyl acetate	2.5	U	50.0	40.3		ug/L		81	74 - 133
Methyl tert-butyl ether	0.22	J	25.0	27.3		ug/L		108	77 - 120
Methylcyclohexane	0.25	J	25.0	26.9		ug/L		107	68 - 134

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-184959-18 MS

Matrix: Water

Analysis Batch: 582386

Client Sample ID: MW-6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	1.0	U	25.0	28.6		ug/L		114	75 - 124
Styrene	1.0	U	25.0	25.6		ug/L		102	80 - 120
Tetrachloroethene	1.0	U	25.0	28.5		ug/L		114	74 - 122
Toluene	1.0	U	25.0	26.5		ug/L		106	80 - 122
trans-1,2-Dichloroethene	1.0	U	25.0	28.0		ug/L		112	73 - 127
trans-1,3-Dichloropropene	1.0	U	25.0	23.7		ug/L		95	80 - 120
Trichloroethene	1.0	U	25.0	26.7		ug/L		107	74 - 123
Trichlorofluoromethane	1.0	U	25.0	28.3		ug/L		113	62 - 150
Vinyl chloride	1.0	U	25.0	28.3		ug/L		113	65 - 133

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	97		80 - 120
1,2-Dichloroethane-d4 (Surr)	93		77 - 120
4-Bromofluorobenzene (Surr)	104		73 - 120
Dibromofluoromethane (Surr)	98		75 - 123

Lab Sample ID: 480-184959-18 MSD

Matrix: Water

Analysis Batch: 582386

Client Sample ID: MW-6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	25.0	26.9		ug/L		107	73 - 126	2	15
1,1,2,2-Tetrachloroethane	1.0	U	25.0	24.3		ug/L		97	76 - 120	2	15
1,1,2-Trichloroethane	1.0	U	25.0	26.2		ug/L		105	76 - 122	3	15
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	25.0	29.6		ug/L		118	61 - 148	2	20
1,1-Dichloroethane	1.0	U	25.0	27.0		ug/L		108	77 - 120	0	20
1,1-Dichloroethene	1.0	U	25.0	29.0		ug/L		116	66 - 127	2	16
1,2,4-Trichlorobenzene	1.0	U	25.0	26.7		ug/L		107	79 - 122	4	20
1,2-Dibromo-3-Chloropropane	1.0	U	25.0	23.3		ug/L		93	56 - 134	5	15
1,2-Dichlorobenzene	1.0	U	25.0	26.1		ug/L		105	80 - 124	1	20
1,2-Dichloroethane	1.0	U	25.0	25.1		ug/L		100	75 - 120	2	20
1,2-Dichloropropane	1.0	U	25.0	26.1		ug/L		104	76 - 120	1	20
1,3-Dichlorobenzene	1.0	U	25.0	26.3		ug/L		105	77 - 120	1	20
1,4-Dichlorobenzene	1.4		25.0	26.4		ug/L		100	78 - 124	3	20
2-Butanone (MEK)	10	U	125	103		ug/L		83	57 - 140	0	20
2-Hexanone	5.0	U	125	106		ug/L		85	65 - 127	3	15
4-Methyl-2-pentanone (MIBK)	5.0	U	125	111		ug/L		89	71 - 125	2	35
Acetone	10	U	125	102		ug/L		81	56 - 142	2	15
Benzene	1.8		25.0	28.0		ug/L		105	71 - 124	0	13
Bromodichloromethane	1.0	U	25.0	25.7		ug/L		103	80 - 122	2	15
Bromoform	1.0	U	25.0	23.6		ug/L		95	61 - 132	3	15
Bromomethane	1.0	U	25.0	27.8		ug/L		111	55 - 144	3	15
Carbon disulfide	1.0	U	25.0	25.3		ug/L		101	59 - 134	1	15
Carbon tetrachloride	1.0	U	25.0	26.2		ug/L		105	72 - 134	1	15
Chlorobenzene	14		25.0	41.1		ug/L		107	80 - 120	1	25
Dibromochloromethane	1.0	U	25.0	25.8		ug/L		103	75 - 125	0	15
Chloroethane	0.47	J	25.0	29.7		ug/L		117	69 - 136	5	15
Chloroform	1.0	U	25.0	26.9		ug/L		107	73 - 127	1	20

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-184959-18 MSD

Matrix: Water

Analysis Batch: 582386

Client Sample ID: MW-6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloromethane	1.0	U	25.0	25.5		ug/L		102	68 - 124	4	15
cis-1,2-Dichloroethene	1.0	U	25.0	27.3		ug/L		109	74 - 124	1	15
cis-1,3-Dichloropropene	1.0	U	25.0	23.4		ug/L		93	74 - 124	2	15
Cyclohexane	0.86	J	25.0	26.6		ug/L		103	59 - 135	2	20
Dichlorodifluoromethane	1.0	U	25.0	27.8		ug/L		111	59 - 135	6	20
Ethylbenzene	1.0	U	25.0	26.1		ug/L		104	77 - 123	3	15
1,2-Dibromoethane	1.0	U	25.0	26.9		ug/L		107	77 - 120	0	15
Isopropylbenzene	1.0	U	25.0	26.6		ug/L		106	77 - 122	0	20
Methyl acetate	2.5	U	50.0	40.1		ug/L		80	74 - 133	0	20
Methyl tert-butyl ether	0.22	J	25.0	26.9		ug/L		107	77 - 120	2	37
Methylcyclohexane	0.25	J	25.0	26.8		ug/L		106	68 - 134	1	20
Methylene Chloride	1.0	U	25.0	28.4		ug/L		114	75 - 124	1	15
Styrene	1.0	U	25.0	24.6		ug/L		98	80 - 120	4	20
Tetrachloroethene	1.0	U	25.0	28.1		ug/L		113	74 - 122	1	20
Toluene	1.0	U	25.0	26.4		ug/L		106	80 - 122	0	15
trans-1,2-Dichloroethene	1.0	U	25.0	27.7		ug/L		111	73 - 127	1	20
trans-1,3-Dichloropropene	1.0	U	25.0	23.4		ug/L		94	80 - 120	1	15
Trichloroethene	1.0	U	25.0	26.0		ug/L		104	74 - 123	3	16
Trichlorofluoromethane	1.0	U	25.0	28.7		ug/L		115	62 - 150	2	20
Vinyl chloride	1.0	U	25.0	28.9		ug/L		116	65 - 133	2	15

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Toluene-d8 (Surr)	98		80 - 120
1,2-Dichloroethane-d4 (Surr)	91		77 - 120
4-Bromofluorobenzene (Surr)	100		73 - 120
Dibromofluoromethane (Surr)	101		75 - 123

Lab Sample ID: MB 480-582411/2-A

Matrix: Solid

Analysis Batch: 582413

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 582411

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.0	U	5.0	0.36	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
1,1,2-Trichloroethane	5.0	U	5.0	0.65	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	1.1	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
1,1-Dichloroethane	5.0	U	5.0	0.61	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
1,1-Dichloroethene	5.0	U	5.0	0.61	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
1,2,4-Trichlorobenzene	5.0	U	5.0	0.30	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	2.5	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
1,2-Dichlorobenzene	5.0	U	5.0	0.39	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
1,2-Dichloroethane	5.0	U	5.0	0.25	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
1,2-Dichloropropane	5.0	U	5.0	2.5	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
1,3-Dichlorobenzene	5.0	U	5.0	0.26	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
1,4-Dichlorobenzene	5.0	U	5.0	0.70	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
2-Butanone (MEK)	25	U	25	1.8	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
2-Hexanone	25	U	25	2.5	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
4-Methyl-2-pentanone (MIBK)	25	U	25	1.6	ug/Kg		05/24/21 16:47	05/24/21 19:26	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-582411/2-A

Matrix: Solid

Analysis Batch: 582413

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 582411

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	25	U	25	4.2	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
Benzene	5.0	U	5.0	0.25	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
Bromodichloromethane	5.0	U	5.0	0.67	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
Bromoform	5.0	U	5.0	2.5	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
Bromomethane	5.0	U	5.0	0.45	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
Carbon disulfide	5.0	U	5.0	2.5	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
Carbon tetrachloride	5.0	U	5.0	0.48	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
Chlorobenzene	5.0	U	5.0	0.66	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
Dibromochloromethane	5.0	U	5.0	0.64	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
Chloroethane	5.0	U	5.0	1.1	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
Chloroform	5.0	U	5.0	0.31	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
Chloromethane	5.0	U	5.0	0.30	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.64	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.72	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
Cyclohexane	5.0	U	5.0	0.70	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
Dichlorodifluoromethane	5.0	U	5.0	0.41	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
Ethylbenzene	5.0	U	5.0	0.35	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
1,2-Dibromoethane	5.0	U	5.0	0.64	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
Isopropylbenzene	5.0	U	5.0	0.75	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
Methyl acetate	25	U	25	3.0	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
Methyl tert-butyl ether	5.0	U	5.0	0.49	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
Methylcyclohexane	5.0	U	5.0	0.76	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
Methylene Chloride	5.0	U	5.0	2.3	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
Styrene	5.0	U	5.0	0.25	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
Tetrachloroethene	5.0	U	5.0	0.67	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
Toluene	5.0	U	5.0	0.38	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.52	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
trans-1,3-Dichloropropene	5.0	U	5.0	2.2	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
Trichloroethene	5.0	U	5.0	1.1	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
Trichlorofluoromethane	5.0	U	5.0	0.47	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
Vinyl chloride	5.0	U	5.0	0.61	ug/Kg		05/24/21 16:47	05/24/21 19:26	1
Xylenes, Total	10	U	10	0.84	ug/Kg		05/24/21 16:47	05/24/21 19:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		71 - 125	05/24/21 16:47	05/24/21 19:26	1
1,2-Dichloroethane-d4 (Surr)	101		64 - 126	05/24/21 16:47	05/24/21 19:26	1
4-Bromofluorobenzene (Surr)	95		72 - 126	05/24/21 16:47	05/24/21 19:26	1
Dibromofluoromethane (Surr)	98		60 - 140	05/24/21 16:47	05/24/21 19:26	1

Lab Sample ID: LCS 480-582411/1-A

Matrix: Solid

Analysis Batch: 582413

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 582411

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	50.0	45.4		ug/Kg		91	77 - 121
1,1,1,2,2-Tetrachloroethane	50.0	45.5		ug/Kg		91	80 - 120
1,1,2-Trichloroethane	50.0	43.9		ug/Kg		88	78 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	44.4		ug/Kg		89	60 - 140

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-582411/1-A

Matrix: Solid

Analysis Batch: 582413

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 582411

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	50.0	44.7		ug/Kg		89	73 - 126
1,1-Dichloroethene	50.0	43.5		ug/Kg		87	59 - 125
1,2,4-Trichlorobenzene	50.0	43.5		ug/Kg		87	64 - 120
1,2-Dibromo-3-Chloropropane	50.0	45.3		ug/Kg		91	63 - 124
1,2-Dichlorobenzene	50.0	44.6		ug/Kg		89	75 - 120
1,2-Dichloroethane	50.0	42.7		ug/Kg		85	77 - 122
1,2-Dichloropropane	50.0	44.4		ug/Kg		89	75 - 124
1,3-Dichlorobenzene	50.0	46.3		ug/Kg		93	74 - 120
1,4-Dichlorobenzene	50.0	46.2		ug/Kg		92	73 - 120
2-Butanone (MEK)	250	216		ug/Kg		87	70 - 134
2-Hexanone	250	227		ug/Kg		91	59 - 130
4-Methyl-2-pentanone (MIBK)	250	217		ug/Kg		87	65 - 133
Acetone	250	212		ug/Kg		85	61 - 137
Benzene	50.0	44.6		ug/Kg		89	79 - 127
Bromodichloromethane	50.0	46.3		ug/Kg		93	80 - 122
Bromoform	50.0	42.8		ug/Kg		86	68 - 126
Bromomethane	50.0	49.4		ug/Kg		99	37 - 149
Carbon disulfide	50.0	41.8		ug/Kg		84	64 - 131
Carbon tetrachloride	50.0	47.3		ug/Kg		95	75 - 135
Chlorobenzene	50.0	44.4		ug/Kg		89	76 - 124
Dibromochloromethane	50.0	47.8		ug/Kg		96	76 - 125
Chloroethane	50.0	51.0		ug/Kg		102	69 - 135
Chloroform	50.0	43.8		ug/Kg		88	80 - 120
Chloromethane	50.0	44.6		ug/Kg		89	63 - 127
cis-1,2-Dichloroethene	50.0	43.6		ug/Kg		87	81 - 120
cis-1,3-Dichloropropene	50.0	45.7		ug/Kg		91	80 - 120
Cyclohexane	50.0	43.1		ug/Kg		86	65 - 120
Dichlorodifluoromethane	50.0	43.6		ug/Kg		87	57 - 142
Ethylbenzene	50.0	44.6		ug/Kg		89	80 - 120
1,2-Dibromoethane	50.0	43.2		ug/Kg		86	78 - 120
Isopropylbenzene	50.0	47.6		ug/Kg		95	72 - 120
Methyl acetate	100	84.5		ug/Kg		84	55 - 136
Methyl tert-butyl ether	50.0	41.9		ug/Kg		84	63 - 125
Methylcyclohexane	50.0	43.6		ug/Kg		87	60 - 140
Methylene Chloride	50.0	45.2		ug/Kg		90	61 - 127
Styrene	50.0	43.2		ug/Kg		86	80 - 120
Tetrachloroethene	50.0	43.5		ug/Kg		87	74 - 122
Toluene	50.0	44.3		ug/Kg		89	74 - 128
trans-1,2-Dichloroethene	50.0	44.0		ug/Kg		88	78 - 126
trans-1,3-Dichloropropene	50.0	47.1		ug/Kg		94	73 - 123
Trichloroethene	50.0	44.0		ug/Kg		88	77 - 129
Trichlorofluoromethane	50.0	49.2		ug/Kg		98	65 - 146
Vinyl chloride	50.0	45.1		ug/Kg		90	61 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	99		71 - 125
1,2-Dichloroethane-d4 (Surr)	97		64 - 126
4-Bromofluorobenzene (Surr)	96		72 - 126

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-582411/1-A

Matrix: Solid

Analysis Batch: 582413

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 582411

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
Dibromofluoromethane (Surr)	99		60 - 140

Lab Sample ID: 480-185032-5 MS

Matrix: Solid

Analysis Batch: 582413

Client Sample ID: Unnamed Pond-SED

Prep Type: Total/NA

Prep Batch: 582411

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
1,1,1-Trichloroethane	8.5	U	85.2	70.3		ug/Kg	✱	82	77 - 121
1,1,2,2-Tetrachloroethane	8.5	U	85.2	62.7	*	ug/Kg	✱	74	80 - 120
1,1,2-Trichloroethane	8.5	U	85.2	65.5	*	ug/Kg	✱	77	78 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	8.5	U	85.2	63.7		ug/Kg	✱	75	60 - 140
1,1-Dichloroethane	8.5	U	85.2	74.3		ug/Kg	✱	87	73 - 126
1,1-Dichloroethene	8.5	U	85.2	74.5		ug/Kg	✱	87	59 - 125
1,2,4-Trichlorobenzene	8.5	U	85.2	25.1	*	ug/Kg	✱	29	64 - 120
1,2-Dibromo-3-Chloropropane	8.5	U	85.2	45.2	*	ug/Kg	✱	53	63 - 124
1,2-Dichlorobenzene	8.5	U	85.2	51.9	*	ug/Kg	✱	61	75 - 120
1,2-Dichloroethane	8.5	U	85.2	61.6	*	ug/Kg	✱	72	77 - 122
1,2-Dichloropropane	8.5	U	85.2	69.4		ug/Kg	✱	81	75 - 124
1,3-Dichlorobenzene	8.5	U	85.2	57.5	*	ug/Kg	✱	67	74 - 120
1,4-Dichlorobenzene	8.5	U	85.2	57.5	*	ug/Kg	✱	67	73 - 120
2-Butanone (MEK)	43	U	426	197	*	ug/Kg	✱	46	70 - 134
2-Hexanone	43	U	426	233	*	ug/Kg	✱	55	59 - 130
4-Methyl-2-pentanone (MIBK)	43	U	426	266	*	ug/Kg	✱	62	65 - 133
Acetone	24	J	426	206	*	ug/Kg	✱	43	61 - 137
Benzene	8.5	U	85.2	72.3		ug/Kg	✱	85	79 - 127
Bromodichloromethane	8.5	U	85.2	39.3	*	ug/Kg	✱	46	80 - 122
Bromoform	8.5	U	85.2	25.9	*	ug/Kg	✱	30	68 - 126
Bromomethane	8.5	U	85.2	59.4		ug/Kg	✱	70	37 - 149
Carbon disulfide	8.5	U	85.2	59.9		ug/Kg	✱	70	64 - 131
Carbon tetrachloride	8.5	U	85.2	27.7	*	ug/Kg	✱	33	75 - 135
Chlorobenzene	8.5	U	85.2	67.9		ug/Kg	✱	80	76 - 124
Dibromochloromethane	8.5	U	85.2	34.6	*	ug/Kg	✱	41	76 - 125
Chloroethane	8.5	U	85.2	85.5		ug/Kg	✱	100	69 - 135
Chloroform	8.5	U	85.2	72.0		ug/Kg	✱	84	80 - 120
Chloromethane	8.5	U	85.2	74.5		ug/Kg	✱	87	63 - 127
cis-1,2-Dichloroethene	8.5	U	85.2	69.7		ug/Kg	✱	82	80 - 120
cis-1,3-Dichloropropene	8.5	U	85.2	37.0	*	ug/Kg	✱	43	80 - 120
Cyclohexane	8.5	U	85.2	57.3		ug/Kg	✱	67	65 - 120
Dichlorodifluoromethane	8.5	U	85.2	76.5		ug/Kg	✱	90	57 - 142
Ethylbenzene	8.5	U	85.2	70.5		ug/Kg	✱	83	80 - 120
1,2-Dibromoethane	8.5	U	85.2	54.8	*	ug/Kg	✱	64	78 - 120
Isopropylbenzene	8.5	U	85.2	75.9		ug/Kg	✱	89	72 - 120
Methyl acetate	43	U	170	104		ug/Kg	✱	61	55 - 136
Methyl tert-butyl ether	8.5	U	85.2	57.9		ug/Kg	✱	68	63 - 125
Methylcyclohexane	8.5	U	85.2	43.8	*	ug/Kg	✱	51	60 - 140
Methylene Chloride	8.5	U	85.2	81.2		ug/Kg	✱	95	61 - 127
Styrene	8.5	U	85.2	54.8	*	ug/Kg	✱	64	80 - 120
Tetrachloroethene	8.5	U	85.2	66.2		ug/Kg	✱	78	74 - 122

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-185032-5 MS

Matrix: Solid

Analysis Batch: 582413

Client Sample ID: Unnamed Pond-SED

Prep Type: Total/NA

Prep Batch: 582411

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	8.5	U	85.2	75.8		ug/Kg	✖	89	74 - 128
trans-1,2-Dichloroethene	8.5	U	85.2	70.9		ug/Kg	✖	83	78 - 126
trans-1,3-Dichloropropene	8.5	U	85.2	41.8	*	ug/Kg	✖	49	73 - 123
Trichloroethene	8.5	U	85.2	69.3		ug/Kg	✖	81	77 - 129
Trichlorofluoromethane	8.5	U	85.2	80.6		ug/Kg	✖	95	65 - 146
Vinyl chloride	8.5	U	85.2	78.4		ug/Kg	✖	92	61 - 133

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	107		71 - 125
1,2-Dichloroethane-d4 (Surr)	87		64 - 126
4-Bromofluorobenzene (Surr)	88		72 - 126
Dibromofluoromethane (Surr)	95		60 - 140

Lab Sample ID: 480-185032-5 MSD

Matrix: Solid

Analysis Batch: 582413

Client Sample ID: Unnamed Pond-SED

Prep Type: Total/NA

Prep Batch: 582411

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	8.5	U	86.8	66.8		ug/Kg	✖	77	77 - 121	5	30
1,1,2,2-Tetrachloroethane	8.5	U	86.8	58.9	*	ug/Kg	✖	68	80 - 120	6	30
1,1,2-Trichloroethane	8.5	U	86.8	63.6	*	ug/Kg	✖	73	78 - 122	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	8.5	U	86.8	58.8		ug/Kg	✖	68	60 - 140	8	30
1,1-Dichloroethane	8.5	U	86.8	70.6		ug/Kg	✖	81	73 - 126	5	30
1,1-Dichloroethene	8.5	U	86.8	69.0		ug/Kg	✖	80	59 - 125	8	30
1,2,4-Trichlorobenzene	8.5	U	86.8	25.7	*	ug/Kg	✖	30	64 - 120	2	30
1,2-Dibromo-3-Chloropropane	8.5	U	86.8	44.1	*	ug/Kg	✖	51	63 - 124	2	30
1,2-Dichlorobenzene	8.5	U	86.8	47.0	*	ug/Kg	✖	54	75 - 120	10	30
1,2-Dichloroethane	8.5	U	86.8	61.8	*	ug/Kg	✖	71	77 - 122	0	30
1,2-Dichloropropane	8.5	U	86.8	66.6		ug/Kg	✖	77	75 - 124	4	30
1,3-Dichlorobenzene	8.5	U	86.8	50.3	*	ug/Kg	✖	58	74 - 120	13	30
1,4-Dichlorobenzene	8.5	U	86.8	50.0	*	ug/Kg	✖	58	73 - 120	14	30
2-Butanone (MEK)	43	U	434	223	*	ug/Kg	✖	51	70 - 134	12	30
2-Hexanone	43	U	434	253	*	ug/Kg	✖	58	59 - 130	8	30
4-Methyl-2-pentanone (MIBK)	43	U	434	274	*	ug/Kg	✖	63	65 - 133	3	30
Acetone	24	J	434	227	*	ug/Kg	✖	47	61 - 137	10	30
Benzene	8.5	U	86.8	68.2		ug/Kg	✖	79	79 - 127	6	30
Bromodichloromethane	8.5	U	86.8	43.1	*	ug/Kg	✖	50	80 - 122	9	30
Bromoform	8.5	U	86.8	29.9	*	ug/Kg	✖	35	68 - 126	14	30
Bromomethane	8.5	U	86.8	60.2		ug/Kg	✖	69	37 - 149	1	30
Carbon disulfide	8.5	U	86.8	56.5		ug/Kg	✖	65	64 - 131	6	30
Carbon tetrachloride	8.5	U	86.8	36.4	*	ug/Kg	✖	42	75 - 135	27	30
Chlorobenzene	8.5	U	86.8	61.3	*	ug/Kg	✖	71	76 - 124	10	30
Dibromochloromethane	8.5	U	86.8	38.7	*	ug/Kg	✖	45	76 - 125	11	30
Chloroethane	8.5	U	86.8	84.0		ug/Kg	✖	97	69 - 135	2	30
Chloroform	8.5	U	86.8	68.2	*	ug/Kg	✖	79	80 - 120	5	30
Chloromethane	8.5	U	86.8	71.6		ug/Kg	✖	83	63 - 127	4	30
cis-1,2-Dichloroethene	8.5	U	86.8	66.8	*	ug/Kg	✖	77	80 - 120	4	30
cis-1,3-Dichloropropene	8.5	U	86.8	39.2	*	ug/Kg	✖	45	80 - 120	6	30

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-185032-5 MSD

Matrix: Solid

Analysis Batch: 582413

Client Sample ID: Unnamed Pond-SED

Prep Type: Total/NA

Prep Batch: 582411

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyclohexane	8.5	U	86.8	51.4	*	ug/Kg	☼	59	65 - 120	11	30
Dichlorodifluoromethane	8.5	U	86.8	73.3		ug/Kg	☼	84	57 - 142	4	30
Ethylbenzene	8.5	U	86.8	62.1	*	ug/Kg	☼	72	80 - 120	13	30
1,2-Dibromoethane	8.5	U	86.8	54.8	*	ug/Kg	☼	63	78 - 120	0	30
Isopropylbenzene	8.5	U	86.8	63.9		ug/Kg	☼	74	72 - 120	17	30
Methyl acetate	43	U	174	109		ug/Kg	☼	63	55 - 136	4	30
Methyl tert-butyl ether	8.5	U	86.8	59.5		ug/Kg	☼	69	63 - 125	3	30
Methylcyclohexane	8.5	U	86.8	40.3	*	ug/Kg	☼	46	60 - 140	8	30
Methylene Chloride	8.5	U	86.8	78.8		ug/Kg	☼	91	61 - 127	3	30
Styrene	8.5	U	86.8	48.9	*	ug/Kg	☼	56	80 - 120	11	30
Tetrachloroethene	8.5	U	86.8	58.4	*	ug/Kg	☼	67	74 - 122	13	30
Toluene	8.5	U	86.8	69.5		ug/Kg	☼	80	74 - 128	9	30
trans-1,2-Dichloroethene	8.5	U	86.8	67.3		ug/Kg	☼	78	78 - 126	5	30
trans-1,3-Dichloropropene	8.5	U	86.8	43.5	*	ug/Kg	☼	50	73 - 123	4	30
Trichloroethene	8.5	U	86.8	64.0	*	ug/Kg	☼	74	77 - 129	8	30
Trichlorofluoromethane	8.5	U	86.8	75.0		ug/Kg	☼	86	65 - 146	7	30
Vinyl chloride	8.5	U	86.8	75.3		ug/Kg	☼	87	61 - 133	4	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Toluene-d8 (Surr)	105		71 - 125
1,2-Dichloroethane-d4 (Surr)	88		64 - 126
4-Bromofluorobenzene (Surr)	90		72 - 126
Dibromofluoromethane (Surr)	96		60 - 140

Lab Sample ID: MB 480-582472/7

Matrix: Water

Analysis Batch: 582472

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	1.0	U	1.0	0.82	ug/L			05/25/21 10:48	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/25/21 10:48	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/25/21 10:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/25/21 10:48	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/25/21 10:48	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/25/21 10:48	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/25/21 10:48	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/25/21 10:48	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/25/21 10:48	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/25/21 10:48	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/25/21 10:48	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/25/21 10:48	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/25/21 10:48	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/25/21 10:48	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/25/21 10:48	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/25/21 10:48	1
Acetone	10	U	10	3.0	ug/L			05/25/21 10:48	1
Benzene	1.0	U	1.0	0.41	ug/L			05/25/21 10:48	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/25/21 10:48	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-582472/7

Matrix: Water

Analysis Batch: 582472

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	1.0	U	1.0	0.26	ug/L			05/25/21 10:48	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/25/21 10:48	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/25/21 10:48	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/25/21 10:48	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/25/21 10:48	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/25/21 10:48	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/25/21 10:48	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/25/21 10:48	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/25/21 10:48	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/25/21 10:48	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/25/21 10:48	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/25/21 10:48	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/25/21 10:48	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/25/21 10:48	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/25/21 10:48	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/25/21 10:48	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/25/21 10:48	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/25/21 10:48	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/25/21 10:48	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/25/21 10:48	1
Styrene	1.0	U	1.0	0.73	ug/L			05/25/21 10:48	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/25/21 10:48	1
Toluene	1.0	U	1.0	0.51	ug/L			05/25/21 10:48	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/25/21 10:48	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/25/21 10:48	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/25/21 10:48	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/25/21 10:48	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/25/21 10:48	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/25/21 10:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		05/25/21 10:48	1
1,2-Dichloroethane-d4 (Surr)	92		77 - 120		05/25/21 10:48	1
4-Bromofluorobenzene (Surr)	101		73 - 120		05/25/21 10:48	1
Dibromofluoromethane (Surr)	102		75 - 123		05/25/21 10:48	1

Lab Sample ID: LCS 480-582472/5

Matrix: Water

Analysis Batch: 582472

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	25.0	23.3		ug/L		93	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.9		ug/L		95	76 - 120
1,1,2-Trichloroethane	25.0	23.5		ug/L		94	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	20.2		ug/L		81	61 - 148
1,1-Dichloroethane	25.0	23.8		ug/L		95	77 - 120
1,1-Dichloroethene	25.0	23.6		ug/L		94	66 - 127
1,2,4-Trichlorobenzene	25.0	25.0		ug/L		100	79 - 122

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-582472/5

Matrix: Water

Analysis Batch: 582472

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	25.0	22.4		ug/L		89	56 - 134
1,2-Dichlorobenzene	25.0	24.3		ug/L		97	80 - 124
1,2-Dichloroethane	25.0	23.3		ug/L		93	75 - 120
1,2-Dichloropropane	25.0	23.7		ug/L		95	76 - 120
1,3-Dichlorobenzene	25.0	24.6		ug/L		98	77 - 120
1,4-Dichlorobenzene	25.0	24.4		ug/L		98	80 - 120
2-Butanone (MEK)	125	102		ug/L		81	57 - 140
2-Hexanone	125	102		ug/L		81	65 - 127
4-Methyl-2-pentanone (MIBK)	125	104		ug/L		83	71 - 125
Acetone	125	107		ug/L		86	56 - 142
Benzene	25.0	23.2		ug/L		93	71 - 124
Bromodichloromethane	25.0	23.9		ug/L		96	80 - 122
Bromoform	25.0	22.1		ug/L		88	61 - 132
Bromomethane	25.0	22.8		ug/L		91	55 - 144
Carbon disulfide	25.0	21.7		ug/L		87	59 - 134
Carbon tetrachloride	25.0	21.4		ug/L		86	72 - 134
Chlorobenzene	25.0	23.6		ug/L		94	80 - 120
Dibromochloromethane	25.0	24.2		ug/L		97	75 - 125
Chloroethane	25.0	23.0		ug/L		92	69 - 136
Chloroform	25.0	23.5		ug/L		94	73 - 127
Chloromethane	25.0	21.0		ug/L		84	68 - 124
cis-1,2-Dichloroethene	25.0	23.7		ug/L		95	74 - 124
cis-1,3-Dichloropropene	25.0	23.2		ug/L		93	74 - 124
Cyclohexane	25.0	17.9		ug/L		71	59 - 135
Dichlorodifluoromethane	25.0	19.0		ug/L		76	59 - 135
Ethylbenzene	25.0	22.3		ug/L		89	77 - 123
1,2-Dibromoethane	25.0	24.9		ug/L		99	77 - 120
Isopropylbenzene	25.0	23.3		ug/L		93	77 - 122
Methyl acetate	50.0	41.4		ug/L		83	74 - 133
Methyl tert-butyl ether	25.0	25.5		ug/L		102	77 - 120
Methylcyclohexane	25.0	18.8		ug/L		75	68 - 134
Methylene Chloride	25.0	25.7		ug/L		103	75 - 124
Styrene	25.0	22.6		ug/L		90	80 - 120
Tetrachloroethene	25.0	23.4		ug/L		94	74 - 122
Toluene	25.0	22.4		ug/L		89	80 - 122
trans-1,2-Dichloroethene	25.0	23.1		ug/L		92	73 - 127
trans-1,3-Dichloropropene	25.0	23.4		ug/L		94	80 - 120
Trichloroethene	25.0	23.1		ug/L		92	74 - 123
Trichlorofluoromethane	25.0	21.5		ug/L		86	62 - 150
Vinyl chloride	25.0	22.4		ug/L		90	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	95		80 - 120
1,2-Dichloroethane-d4 (Surr)	92		77 - 120
4-Bromofluorobenzene (Surr)	98		73 - 120
Dibromofluoromethane (Surr)	103		75 - 123

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-582616/2-A

Matrix: Solid

Analysis Batch: 582620

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 582616

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.0	U	5.0	0.36	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
1,1,2-Trichloroethane	5.0	U	5.0	0.65	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	1.1	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
1,1-Dichloroethane	5.0	U	5.0	0.61	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
1,1-Dichloroethene	5.0	U	5.0	0.61	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
1,2,4-Trichlorobenzene	5.0	U	5.0	0.30	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	2.5	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
1,2-Dichlorobenzene	5.0	U	5.0	0.39	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
1,2-Dichloroethane	5.0	U	5.0	0.25	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
1,2-Dichloropropane	5.0	U	5.0	2.5	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
1,3-Dichlorobenzene	5.0	U	5.0	0.26	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
1,4-Dichlorobenzene	5.0	U	5.0	0.70	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
2-Butanone (MEK)	25	U	25	1.8	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
2-Hexanone	25	U	25	2.5	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
4-Methyl-2-pentanone (MIBK)	25	U	25	1.6	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
Acetone	25	U	25	4.2	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
Benzene	5.0	U	5.0	0.25	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
Bromodichloromethane	5.0	U	5.0	0.67	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
Bromoform	5.0	U	5.0	2.5	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
Bromomethane	5.0	U	5.0	0.45	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
Carbon disulfide	5.0	U	5.0	2.5	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
Carbon tetrachloride	5.0	U	5.0	0.48	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
Chlorobenzene	5.0	U	5.0	0.66	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
Dibromochloromethane	5.0	U	5.0	0.64	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
Chloroethane	5.0	U	5.0	1.1	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
Chloroform	5.0	U	5.0	0.31	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
Chloromethane	5.0	U	5.0	0.30	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.64	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.72	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
Cyclohexane	5.0	U	5.0	0.70	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
Dichlorodifluoromethane	5.0	U	5.0	0.41	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
Ethylbenzene	5.0	U	5.0	0.35	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
1,2-Dibromoethane	5.0	U	5.0	0.64	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
Isopropylbenzene	5.0	U	5.0	0.75	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
Methyl acetate	25	U	25	3.0	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
Methyl tert-butyl ether	5.0	U	5.0	0.49	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
Methylcyclohexane	5.0	U	5.0	0.76	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
Methylene Chloride	5.0	U	5.0	2.3	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
Styrene	0.268	J	5.0	0.25	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
Tetrachloroethene	5.0	U	5.0	0.67	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
Toluene	5.0	U	5.0	0.38	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.52	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
trans-1,3-Dichloropropene	5.0	U	5.0	2.2	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
Trichloroethene	5.0	U	5.0	1.1	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
Trichlorofluoromethane	5.0	U	5.0	0.47	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
Vinyl chloride	5.0	U	5.0	0.61	ug/Kg		05/25/21 17:08	05/25/21 20:07	1
Xylenes, Total	10	U	10	0.84	ug/Kg		05/25/21 17:08	05/25/21 20:07	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-582616/2-A

Matrix: Solid

Analysis Batch: 582620

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 582616

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		71 - 125	05/25/21 17:08	05/25/21 20:07	1
1,2-Dichloroethane-d4 (Surr)	101		64 - 126	05/25/21 17:08	05/25/21 20:07	1
4-Bromofluorobenzene (Surr)	95		72 - 126	05/25/21 17:08	05/25/21 20:07	1
Dibromofluoromethane (Surr)	100		60 - 140	05/25/21 17:08	05/25/21 20:07	1

Lab Sample ID: LCS 480-582616/1-A

Matrix: Solid

Analysis Batch: 582620

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 582616

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	50.0	51.9		ug/Kg		104	77 - 121
1,1,2,2-Tetrachloroethane	50.0	51.7		ug/Kg		103	80 - 120
1,1,2-Trichloroethane	50.0	49.4		ug/Kg		99	78 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	52.2		ug/Kg		104	60 - 140
1,1-Dichloroethane	50.0	49.5		ug/Kg		99	73 - 126
1,1-Dichloroethene	50.0	50.2		ug/Kg		100	59 - 125
1,2,4-Trichlorobenzene	50.0	49.4		ug/Kg		99	64 - 120
1,2-Dibromo-3-Chloropropane	50.0	52.1		ug/Kg		104	63 - 124
1,2-Dichlorobenzene	50.0	49.1		ug/Kg		98	75 - 120
1,2-Dichloroethane	50.0	47.7		ug/Kg		95	77 - 122
1,2-Dichloropropane	50.0	49.2		ug/Kg		98	75 - 124
1,3-Dichlorobenzene	50.0	50.3		ug/Kg		101	74 - 120
1,4-Dichlorobenzene	50.0	50.6		ug/Kg		101	73 - 120
2-Butanone (MEK)	250	247		ug/Kg		99	70 - 134
2-Hexanone	250	262		ug/Kg		105	59 - 130
4-Methyl-2-pentanone (MIBK)	250	254		ug/Kg		101	65 - 133
Acetone	250	225		ug/Kg		90	61 - 137
Benzene	50.0	49.6		ug/Kg		99	79 - 127
Bromodichloromethane	50.0	52.3		ug/Kg		105	80 - 122
Bromoform	50.0	48.8		ug/Kg		98	68 - 126
Bromomethane	50.0	47.8		ug/Kg		96	37 - 149
Carbon disulfide	50.0	50.8		ug/Kg		102	64 - 131
Carbon tetrachloride	50.0	54.2		ug/Kg		108	75 - 135
Chlorobenzene	50.0	48.9		ug/Kg		98	76 - 124
Dibromochloromethane	50.0	54.4		ug/Kg		109	76 - 125
Chloroethane	50.0	49.2		ug/Kg		98	69 - 135
Chloroform	50.0	48.6		ug/Kg		97	80 - 120
Chloromethane	50.0	45.0		ug/Kg		90	63 - 127
cis-1,2-Dichloroethene	50.0	48.0		ug/Kg		96	81 - 120
cis-1,3-Dichloropropene	50.0	50.5		ug/Kg		101	80 - 120
Cyclohexane	50.0	49.5		ug/Kg		99	65 - 120
Dichlorodifluoromethane	50.0	43.3		ug/Kg		87	57 - 142
Ethylbenzene	50.0	50.3		ug/Kg		101	80 - 120
1,2-Dibromoethane	50.0	49.1		ug/Kg		98	78 - 120
Isopropylbenzene	50.0	52.0		ug/Kg		104	72 - 120
Methyl acetate	100	98.9		ug/Kg		99	55 - 136
Methyl tert-butyl ether	50.0	46.9		ug/Kg		94	63 - 125
Methylcyclohexane	50.0	48.7		ug/Kg		97	60 - 140

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-582616/1-A

Matrix: Solid

Analysis Batch: 582620

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 582616

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	50.0	52.0		ug/Kg		104	61 - 127
Styrene	50.0	48.6		ug/Kg		97	80 - 120
Tetrachloroethene	50.0	49.8		ug/Kg		100	74 - 122
Toluene	50.0	49.7		ug/Kg		99	74 - 128
trans-1,2-Dichloroethene	50.0	49.3		ug/Kg		99	78 - 126
trans-1,3-Dichloropropene	50.0	52.7		ug/Kg		105	73 - 123
Trichloroethene	50.0	49.0		ug/Kg		98	77 - 129
Trichlorofluoromethane	50.0	53.0		ug/Kg		106	65 - 146
Vinyl chloride	50.0	47.5		ug/Kg		95	61 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	99		71 - 125
1,2-Dichloroethane-d4 (Surr)	99		64 - 126
4-Bromofluorobenzene (Surr)	95		72 - 126
Dibromofluoromethane (Surr)	98		60 - 140

Lab Sample ID: MB 480-582665/7

Matrix: Water

Analysis Batch: 582665

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	1.0	U	1.0	0.82	ug/L			05/26/21 11:36	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 11:36	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/26/21 11:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/26/21 11:36	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/26/21 11:36	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/26/21 11:36	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/26/21 11:36	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/26/21 11:36	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/26/21 11:36	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 11:36	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/26/21 11:36	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/26/21 11:36	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/26/21 11:36	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/26/21 11:36	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/26/21 11:36	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/26/21 11:36	1
Acetone	10	U	10	3.0	ug/L			05/26/21 11:36	1
Benzene	1.0	U	1.0	0.41	ug/L			05/26/21 11:36	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/26/21 11:36	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/26/21 11:36	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/26/21 11:36	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/26/21 11:36	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/26/21 11:36	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/26/21 11:36	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/26/21 11:36	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/26/21 11:36	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/26/21 11:36	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-582665/7

Matrix: Water

Analysis Batch: 582665

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	1.0	U	1.0	0.35	ug/L			05/26/21 11:36	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/26/21 11:36	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/26/21 11:36	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/26/21 11:36	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/26/21 11:36	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/26/21 11:36	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/26/21 11:36	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/26/21 11:36	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/26/21 11:36	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/26/21 11:36	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/26/21 11:36	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/26/21 11:36	1
Styrene	1.0	U	1.0	0.73	ug/L			05/26/21 11:36	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/26/21 11:36	1
Toluene	1.0	U	1.0	0.51	ug/L			05/26/21 11:36	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/26/21 11:36	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/26/21 11:36	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/26/21 11:36	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/26/21 11:36	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/26/21 11:36	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/26/21 11:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120		05/26/21 11:36	1
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		05/26/21 11:36	1
4-Bromofluorobenzene (Surr)	101		73 - 120		05/26/21 11:36	1
Dibromofluoromethane (Surr)	98		75 - 123		05/26/21 11:36	1

Lab Sample ID: LCS 480-582665/31

Matrix: Water

Analysis Batch: 582665

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	25.0	30.6		ug/L		122	73 - 126
1,1,1,2-Tetrachloroethane	25.0	21.6		ug/L		86	76 - 120
1,1,2-Trichloroethane	25.0	24.9		ug/L		100	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.8		ug/L		107	61 - 148
1,1-Dichloroethane	25.0	24.8		ug/L		99	77 - 120
1,1-Dichloroethene	25.0	24.6		ug/L		98	66 - 127
1,2,4-Trichlorobenzene	25.0	22.6		ug/L		90	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	35.2	*	ug/L		141	56 - 134
1,2-Dichlorobenzene	25.0	22.4		ug/L		90	80 - 124
1,2-Dichloroethane	25.0	25.8		ug/L		103	75 - 120
1,2-Dichloropropane	25.0	26.1		ug/L		105	76 - 120
1,3-Dichlorobenzene	25.0	24.6		ug/L		98	77 - 120
1,4-Dichlorobenzene	25.0	23.8		ug/L		95	80 - 120
2-Butanone (MEK)	125	136		ug/L		109	57 - 140
2-Hexanone	125	141		ug/L		113	65 - 127

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-582665/31

Matrix: Water

Analysis Batch: 582665

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Methyl-2-pentanone (MIBK)	125	128		ug/L		103	71 - 125
Acetone	125	135		ug/L		108	56 - 142
Benzene	25.0	23.6		ug/L		94	71 - 124
Bromodichloromethane	25.0	25.6		ug/L		103	80 - 122
Bromoform	25.0	33.3	*	ug/L		133	61 - 132
Bromomethane	25.0	25.4		ug/L		102	55 - 144
Carbon disulfide	25.0	26.1		ug/L		104	59 - 134
Carbon tetrachloride	25.0	31.5		ug/L		126	72 - 134
Chlorobenzene	25.0	23.9		ug/L		95	80 - 120
Dibromochloromethane	25.0	28.7		ug/L		115	75 - 125
Chloroethane	25.0	22.5		ug/L		90	69 - 136
Chloroform	25.0	24.5		ug/L		98	73 - 127
Chloromethane	25.0	25.0		ug/L		100	68 - 124
cis-1,2-Dichloroethene	25.0	24.7		ug/L		99	74 - 124
cis-1,3-Dichloropropene	25.0	31.7	*	ug/L		127	74 - 124
Cyclohexane	25.0	25.9		ug/L		104	59 - 135
Dichlorodifluoromethane	25.0	27.3		ug/L		109	59 - 135
Ethylbenzene	25.0	23.7		ug/L		95	77 - 123
1,2-Dibromoethane	25.0	28.8		ug/L		115	77 - 120
Isopropylbenzene	25.0	23.1		ug/L		92	77 - 122
Methyl acetate	50.0	53.2		ug/L		106	74 - 133
Methyl tert-butyl ether	25.0	27.2		ug/L		109	77 - 120
Methylcyclohexane	25.0	25.3		ug/L		101	68 - 134
Methylene Chloride	25.0	23.8		ug/L		95	75 - 124
Styrene	25.0	24.5		ug/L		98	80 - 120
Tetrachloroethene	25.0	24.9		ug/L		100	74 - 122
Toluene	25.0	22.5		ug/L		90	80 - 122
trans-1,2-Dichloroethene	25.0	24.2		ug/L		97	73 - 127
trans-1,3-Dichloropropene	25.0	32.2	*	ug/L		129	80 - 120
Trichloroethene	25.0	25.5		ug/L		102	74 - 123
Trichlorofluoromethane	25.0	28.7		ug/L		115	62 - 150
Vinyl chloride	25.0	24.7		ug/L		99	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	96		80 - 120
1,2-Dichloroethane-d4 (Surr)	102		77 - 120
4-Bromofluorobenzene (Surr)	101		73 - 120
Dibromofluoromethane (Surr)	102		75 - 123

Lab Sample ID: MB 480-582668/7

Matrix: Water

Analysis Batch: 582668

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	1.0	U	1.0	0.82	ug/L			05/26/21 11:17	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 11:17	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/26/21 11:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/26/21 11:17	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-582668/7

Matrix: Water

Analysis Batch: 582668

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/26/21 11:17	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/26/21 11:17	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/26/21 11:17	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/26/21 11:17	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/26/21 11:17	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 11:17	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/26/21 11:17	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/26/21 11:17	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/26/21 11:17	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/26/21 11:17	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/26/21 11:17	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/26/21 11:17	1
Acetone	10	U	10	3.0	ug/L			05/26/21 11:17	1
Benzene	1.0	U	1.0	0.41	ug/L			05/26/21 11:17	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/26/21 11:17	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/26/21 11:17	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/26/21 11:17	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/26/21 11:17	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/26/21 11:17	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/26/21 11:17	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/26/21 11:17	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/26/21 11:17	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/26/21 11:17	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/26/21 11:17	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/26/21 11:17	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/26/21 11:17	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/26/21 11:17	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/26/21 11:17	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/26/21 11:17	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/26/21 11:17	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/26/21 11:17	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/26/21 11:17	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/26/21 11:17	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/26/21 11:17	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/26/21 11:17	1
Styrene	1.0	U	1.0	0.73	ug/L			05/26/21 11:17	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/26/21 11:17	1
Toluene	1.0	U	1.0	0.51	ug/L			05/26/21 11:17	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/26/21 11:17	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/26/21 11:17	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/26/21 11:17	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/26/21 11:17	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/26/21 11:17	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/26/21 11:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		05/26/21 11:17	1
1,2-Dichloroethane-d4 (Surr)	87		77 - 120		05/26/21 11:17	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-582668/7

Matrix: Water

Analysis Batch: 582668

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		73 - 120		05/26/21 11:17	1
Dibromofluoromethane (Surr)	86		75 - 123		05/26/21 11:17	1

Lab Sample ID: LCS 480-582668/5

Matrix: Water

Analysis Batch: 582668

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	25.0	24.2		ug/L		97	73 - 126
1,1,1,2,2-Tetrachloroethane	25.0	25.9		ug/L		104	76 - 120
1,1,2-Trichloroethane	25.0	26.2		ug/L		105	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.8		ug/L		103	61 - 148
1,1-Dichloroethane	25.0	25.5		ug/L		102	77 - 120
1,1-Dichloroethene	25.0	25.1		ug/L		100	66 - 127
1,2,4-Trichlorobenzene	25.0	24.2		ug/L		97	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	20.3		ug/L		81	56 - 134
1,2-Dichlorobenzene	25.0	25.5		ug/L		102	80 - 124
1,2-Dichloroethane	25.0	23.8		ug/L		95	75 - 120
1,2-Dichloropropane	25.0	26.1		ug/L		105	76 - 120
1,3-Dichlorobenzene	25.0	26.1		ug/L		104	77 - 120
1,4-Dichlorobenzene	25.0	25.9		ug/L		104	80 - 120
2-Butanone (MEK)	125	104		ug/L		83	57 - 140
2-Hexanone	125	122		ug/L		98	65 - 127
4-Methyl-2-pentanone (MIBK)	125	123		ug/L		98	71 - 125
Acetone	125	101		ug/L		81	56 - 142
Benzene	25.0	25.8		ug/L		103	71 - 124
Bromodichloromethane	25.0	25.5		ug/L		102	80 - 122
Bromoform	25.0	24.1		ug/L		96	61 - 132
Bromomethane	25.0	29.1		ug/L		116	55 - 144
Carbon disulfide	25.0	27.2		ug/L		109	59 - 134
Carbon tetrachloride	25.0	23.5		ug/L		94	72 - 134
Chlorobenzene	25.0	25.3		ug/L		101	80 - 120
Dibromochloromethane	25.0	25.3		ug/L		101	75 - 125
Chloroethane	25.0	26.4		ug/L		106	69 - 136
Chloroform	25.0	24.5		ug/L		98	73 - 127
Chloromethane	25.0	24.4		ug/L		98	68 - 124
cis-1,2-Dichloroethene	25.0	24.7		ug/L		99	74 - 124
cis-1,3-Dichloropropene	25.0	26.9		ug/L		108	74 - 124
Cyclohexane	25.0	26.2		ug/L		105	59 - 135
Dichlorodifluoromethane	25.0	24.5		ug/L		98	59 - 135
Ethylbenzene	25.0	26.5		ug/L		106	77 - 123
1,2-Dibromoethane	25.0	24.6		ug/L		98	77 - 120
Isopropylbenzene	25.0	27.3		ug/L		109	77 - 122
Methyl acetate	50.0	40.4		ug/L		81	74 - 133
Methyl tert-butyl ether	25.0	23.8		ug/L		95	77 - 120
Methylcyclohexane	25.0	27.0		ug/L		108	68 - 134
Methylene Chloride	25.0	25.7		ug/L		103	75 - 124
Styrene	25.0	27.2		ug/L		109	80 - 120

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-582668/5

Matrix: Water

Analysis Batch: 582668

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	25.0	25.7		ug/L		103	74 - 122
Toluene	25.0	26.8		ug/L		107	80 - 122
trans-1,2-Dichloroethene	25.0	24.6		ug/L		98	73 - 127
trans-1,3-Dichloropropene	25.0	28.4		ug/L		113	80 - 120
Trichloroethene	25.0	25.6		ug/L		102	74 - 123
Trichlorofluoromethane	25.0	26.1		ug/L		104	62 - 150
Vinyl chloride	25.0	26.1		ug/L		104	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	97		80 - 120
1,2-Dichloroethane-d4 (Surr)	90		77 - 120
4-Bromofluorobenzene (Surr)	93		73 - 120
Dibromofluoromethane (Surr)	85		75 - 123

Lab Sample ID: MB 480-582671/7

Matrix: Water

Analysis Batch: 582671

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	1.0	U	1.0	0.82	ug/L			05/26/21 11:59	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 11:59	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			05/26/21 11:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/26/21 11:59	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/26/21 11:59	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			05/26/21 11:59	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			05/26/21 11:59	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			05/26/21 11:59	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			05/26/21 11:59	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/26/21 11:59	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			05/26/21 11:59	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			05/26/21 11:59	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			05/26/21 11:59	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			05/26/21 11:59	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			05/26/21 11:59	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			05/26/21 11:59	1
Acetone	10	U	10	3.0	ug/L			05/26/21 11:59	1
Benzene	1.0	U	1.0	0.41	ug/L			05/26/21 11:59	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			05/26/21 11:59	1
Bromoform	1.0	U	1.0	0.26	ug/L			05/26/21 11:59	1
Bromomethane	1.0	U	1.0	0.69	ug/L			05/26/21 11:59	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			05/26/21 11:59	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			05/26/21 11:59	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			05/26/21 11:59	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/26/21 11:59	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/26/21 11:59	1
Chloroform	1.0	U	1.0	0.34	ug/L			05/26/21 11:59	1
Chloromethane	1.0	U	1.0	0.35	ug/L			05/26/21 11:59	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			05/26/21 11:59	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-582671/7

Matrix: Water

Analysis Batch: 582671

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			05/26/21 11:59	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			05/26/21 11:59	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			05/26/21 11:59	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			05/26/21 11:59	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			05/26/21 11:59	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			05/26/21 11:59	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			05/26/21 11:59	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			05/26/21 11:59	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			05/26/21 11:59	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			05/26/21 11:59	1
Styrene	1.0	U	1.0	0.73	ug/L			05/26/21 11:59	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			05/26/21 11:59	1
Toluene	1.0	U	1.0	0.51	ug/L			05/26/21 11:59	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			05/26/21 11:59	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			05/26/21 11:59	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			05/26/21 11:59	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			05/26/21 11:59	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			05/26/21 11:59	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			05/26/21 11:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		80 - 120		05/26/21 11:59	1
1,2-Dichloroethane-d4 (Surr)	94		77 - 120		05/26/21 11:59	1
4-Bromofluorobenzene (Surr)	99		73 - 120		05/26/21 11:59	1
Dibromofluoromethane (Surr)	97		75 - 123		05/26/21 11:59	1

Lab Sample ID: LCS 480-582671/5

Matrix: Water

Analysis Batch: 582671

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	25.0	25.5		ug/L		102	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.0		ug/L		96	76 - 120
1,1,2-Trichloroethane	25.0	25.4		ug/L		102	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.3		ug/L		101	61 - 148
1,1-Dichloroethane	25.0	24.7		ug/L		99	77 - 120
1,1-Dichloroethene	25.0	26.1		ug/L		104	66 - 127
1,2,4-Trichlorobenzene	25.0	24.2		ug/L		97	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	22.5		ug/L		90	56 - 134
1,2-Dichlorobenzene	25.0	25.0		ug/L		100	80 - 124
1,2-Dichloroethane	25.0	24.3		ug/L		97	75 - 120
1,2-Dichloropropane	25.0	24.3		ug/L		97	76 - 120
1,3-Dichlorobenzene	25.0	24.8		ug/L		99	77 - 120
1,4-Dichlorobenzene	25.0	24.4		ug/L		98	80 - 120
2-Butanone (MEK)	125	104		ug/L		83	57 - 140
2-Hexanone	125	105		ug/L		84	65 - 127
4-Methyl-2-pentanone (MIBK)	125	107		ug/L		85	71 - 125
Acetone	125	106		ug/L		85	56 - 142

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-582671/5

Matrix: Water

Analysis Batch: 582671

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	24.6		ug/L		99	71 - 124
Bromodichloromethane	25.0	25.2		ug/L		101	80 - 122
Bromoform	25.0	26.2		ug/L		105	61 - 132
Bromomethane	25.0	24.0		ug/L		96	55 - 144
Carbon disulfide	25.0	23.4		ug/L		93	59 - 134
Carbon tetrachloride	25.0	24.6		ug/L		98	72 - 134
Chlorobenzene	25.0	25.4		ug/L		101	80 - 120
Dibromochloromethane	25.0	26.1		ug/L		105	75 - 125
Chloroethane	25.0	22.5		ug/L		90	69 - 136
Chloroform	25.0	25.6		ug/L		102	73 - 127
Chloromethane	25.0	20.7		ug/L		83	68 - 124
cis-1,2-Dichloroethene	25.0	25.6		ug/L		102	74 - 124
cis-1,3-Dichloropropene	25.0	24.5		ug/L		98	74 - 124
Cyclohexane	25.0	21.4		ug/L		86	59 - 135
Dichlorodifluoromethane	25.0	21.1		ug/L		84	59 - 135
Ethylbenzene	25.0	24.3		ug/L		97	77 - 123
1,2-Dibromoethane	25.0	26.7		ug/L		107	77 - 120
Isopropylbenzene	25.0	23.8		ug/L		95	77 - 122
Methyl acetate	50.0	41.9		ug/L		84	74 - 133
Methyl tert-butyl ether	25.0	27.3		ug/L		109	77 - 120
Methylcyclohexane	25.0	22.5		ug/L		90	68 - 134
Methylene Chloride	25.0	27.5		ug/L		110	75 - 124
Styrene	25.0	24.7		ug/L		99	80 - 120
Tetrachloroethene	25.0	24.4		ug/L		98	74 - 122
Toluene	25.0	24.0		ug/L		96	80 - 122
trans-1,2-Dichloroethene	25.0	25.6		ug/L		102	73 - 127
trans-1,3-Dichloropropene	25.0	24.7		ug/L		99	80 - 120
Trichloroethene	25.0	24.5		ug/L		98	74 - 123
Trichlorofluoromethane	25.0	23.3		ug/L		93	62 - 150
Vinyl chloride	25.0	21.8		ug/L		87	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	99		80 - 120
1,2-Dichloroethane-d4 (Surr)	93		77 - 120
4-Bromofluorobenzene (Surr)	103		73 - 120
Dibromofluoromethane (Surr)	107		75 - 123

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 480-581773/1-A

Matrix: Water

Analysis Batch: 582073

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 581773

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.20	U	0.20	0.10	ug/L		05/20/21 08:30	05/21/21 18:14	1
Isotope Dilution	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	30		15 - 110				05/20/21 08:30	05/21/21 18:14	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) (Continued)

Lab Sample ID: LCS 480-581773/2-A
Matrix: Water
Analysis Batch: 582073

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 581773

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane			1.00	1.10		ug/L		110	40 - 140
		LCS	LCS						
Isotope Dilution	%Recovery	Qualifier	Limits						
1,4-Dioxane-d8	32		15 - 110						

Lab Sample ID: MB 480-581896/1-A
Matrix: Water
Analysis Batch: 582351

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 581896

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.104	J	0.20	0.10	ug/L		05/20/21 14:57	05/24/21 19:54	1
		MB	MB						
Isotope Dilution	%Recovery	Qualifier	Limits						
1,4-Dioxane-d8	37		15 - 110						
				Prepared	Analyzed	Dil Fac			
				05/20/21 14:57	05/24/21 19:54	1			

Lab Sample ID: LCS 480-581896/2-A
Matrix: Water
Analysis Batch: 582351

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 581896

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane			1.00	1.13		ug/L		113	40 - 140
		LCS	LCS						
Isotope Dilution	%Recovery	Qualifier	Limits						
1,4-Dioxane-d8	34		15 - 110						

Lab Sample ID: 480-184959-18 MS
Matrix: Water
Analysis Batch: 582351

Client Sample ID: MW-6
Prep Type: Total/NA
Prep Batch: 581896

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	5.2	E B	1.00	6.01	E	ug/L		84	40 - 140
		MS	MS						
Isotope Dilution	%Recovery	Qualifier	Limits						
1,4-Dioxane-d8	32		15 - 110						

Lab Sample ID: 480-184959-18 MSD
Matrix: Water
Analysis Batch: 582351

Client Sample ID: MW-6
Prep Type: Total/NA
Prep Batch: 581896

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
1,4-Dioxane	5.2	E B	1.00	6.27	E	ug/L		110	40 - 140	4	20
		MSD	MSD								
Isotope Dilution	%Recovery	Qualifier	Limits								
1,4-Dioxane-d8	32		15 - 110								

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) (Continued)

Lab Sample ID: MB 480-581900/1-A
Matrix: Water
Analysis Batch: 582076

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 581900

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.114	J	0.20	0.10	ug/L		05/20/21 15:09	05/22/21 03:22	1
Isotope Dilution	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	31		15 - 110				05/20/21 15:09	05/22/21 03:22	1

Lab Sample ID: LCS 480-581900/2-A
Matrix: Water
Analysis Batch: 582076

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 581900

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits		
1,4-Dioxane	1.00	1.13		ug/L		113	40 - 140		
Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits						
1,4-Dioxane-d8	30		15 - 110						

Lab Sample ID: LCSD 480-581900/3-A
Matrix: Water
Analysis Batch: 582076

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 581900

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
1,4-Dioxane	1.00	1.14		ug/L		114	40 - 140	1	20
Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits						
1,4-Dioxane-d8	29		15 - 110						

Lab Sample ID: MB 480-582291/1-A
Matrix: Water
Analysis Batch: 582807

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 582291

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.147	J	0.20	0.10	ug/L		05/24/21 08:42	05/26/21 22:00	1
Isotope Dilution	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	35		15 - 110				05/24/21 08:42	05/26/21 22:00	1

Lab Sample ID: LCS 480-582291/2-A
Matrix: Water
Analysis Batch: 582807

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 582291

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits		
1,4-Dioxane	1.00	1.15		ug/L		115	40 - 140		
Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits						
1,4-Dioxane-d8	34		15 - 110						

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) (Continued)

Lab Sample ID: LCSD 480-582291/3-A

Matrix: Water

Analysis Batch: 582807

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 582291

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			1.00	1.16		ug/L		116	40 - 140	1	20
	LCSD	LCSD									
Isotope Dilution	%Recovery	Qualifier	Limits								
1,4-Dioxane-d8	32		15 - 110								

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-581775/1-A

Matrix: Water

Analysis Batch: 582011

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 581775

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 11:25	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 11:25	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 11:25	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 11:25	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/20/21 08:43	05/21/21 11:25	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 11:25	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 11:25	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 11:25	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/20/21 08:43	05/21/21 11:25	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	72		39 - 121				05/20/21 08:43	05/21/21 11:25	1
Tetrachloro-m-xylene	69		39 - 121				05/20/21 08:43	05/21/21 11:25	1
DCB Decachlorobiphenyl	53		19 - 120				05/20/21 08:43	05/21/21 11:25	1
DCB Decachlorobiphenyl	51		19 - 120				05/20/21 08:43	05/21/21 11:25	1

Lab Sample ID: LCS 480-581775/2-A

Matrix: Water

Analysis Batch: 582011

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 581775

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016			4.00	3.82		ug/L		96	62 - 130
PCB-1260			4.00	3.35		ug/L		84	56 - 123
	LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits						
Tetrachloro-m-xylene	76		39 - 121						
Tetrachloro-m-xylene	74		39 - 121						
DCB Decachlorobiphenyl	41		19 - 120						
DCB Decachlorobiphenyl	40		19 - 120						

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 480-582659/1-A
Matrix: Solid
Analysis Batch: 582847

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 582659

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.19	U	0.19	0.038	mg/Kg		05/26/21 07:34	05/26/21 21:48	1
PCB-1221	0.19	U	0.19	0.038	mg/Kg		05/26/21 07:34	05/26/21 21:48	1
PCB-1232	0.19	U	0.19	0.038	mg/Kg		05/26/21 07:34	05/26/21 21:48	1
PCB-1242	0.19	U	0.19	0.038	mg/Kg		05/26/21 07:34	05/26/21 21:48	1
PCB-1248	0.19	U	0.19	0.038	mg/Kg		05/26/21 07:34	05/26/21 21:48	1
PCB-1254	0.19	U	0.19	0.091	mg/Kg		05/26/21 07:34	05/26/21 21:48	1
PCB-1260	0.19	U	0.19	0.091	mg/Kg		05/26/21 07:34	05/26/21 21:48	1
PCB-1262	0.19	U	0.19	0.091	mg/Kg		05/26/21 07:34	05/26/21 21:48	1
PCB-1268	0.19	U	0.19	0.091	mg/Kg		05/26/21 07:34	05/26/21 21:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	126		60 - 154	05/26/21 07:34	05/26/21 21:48	1
Tetrachloro-m-xylene	120		60 - 154	05/26/21 07:34	05/26/21 21:48	1
DCB Decachlorobiphenyl	114		65 - 174	05/26/21 07:34	05/26/21 21:48	1
DCB Decachlorobiphenyl	116		65 - 174	05/26/21 07:34	05/26/21 21:48	1

Lab Sample ID: LCS 480-582659/2-A
Matrix: Solid
Analysis Batch: 582847

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 582659

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
PCB-1016	2.24	3.44		mg/Kg		153	51 - 185
PCB-1260	2.24	2.93		mg/Kg		131	61 - 184

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	157	*	60 - 154
Tetrachloro-m-xylene	154		60 - 154
DCB Decachlorobiphenyl	142		65 - 174
DCB Decachlorobiphenyl	141		65 - 174

Lab Sample ID: MB 480-582777/1-A
Matrix: Water
Analysis Batch: 582977

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 582777

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 18:14	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 18:14	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 18:14	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 18:14	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/26/21 15:25	05/27/21 18:14	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 18:14	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 18:14	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 18:14	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/26/21 15:25	05/27/21 18:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	74		39 - 121	05/26/21 15:25	05/27/21 18:14	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 480-582777/1-A

Matrix: Water

Analysis Batch: 582977

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 582777

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	74		39 - 121	05/26/21 15:25	05/27/21 18:14	1
DCB Decachlorobiphenyl	40		19 - 120	05/26/21 15:25	05/27/21 18:14	1
DCB Decachlorobiphenyl	38		19 - 120	05/26/21 15:25	05/27/21 18:14	1

Lab Sample ID: LCS 480-582777/2-A

Matrix: Water

Analysis Batch: 582977

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 582777

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
PCB-1016	4.00	3.08		ug/L		77	62 - 130
PCB-1260	4.00	2.47		ug/L		62	56 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	69		39 - 121
Tetrachloro-m-xylene	68		39 - 121
DCB Decachlorobiphenyl	36		19 - 120
DCB Decachlorobiphenyl	35		19 - 120

Lab Sample ID: 480-184959-18 MS

Matrix: Water

Analysis Batch: 582977

Client Sample ID: MW-6

Prep Type: Total/NA

Prep Batch: 582777

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
PCB-1016	0.50	U	4.00	3.64		ug/L		91	28 - 150
PCB-1260	0.50	U	4.00	2.61		ug/L		65	25 - 131

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	76		39 - 121
Tetrachloro-m-xylene	73		39 - 121
DCB Decachlorobiphenyl	30		19 - 120
DCB Decachlorobiphenyl	29		19 - 120

Lab Sample ID: 480-184959-18 MSD

Matrix: Water

Analysis Batch: 582977

Client Sample ID: MW-6

Prep Type: Total/NA

Prep Batch: 582777

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
PCB-1016	0.50	U	4.00	3.40		ug/L		85	28 - 150	7	50
PCB-1260	0.50	U	4.00	2.54		ug/L		63	25 - 131	3	50

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene	74		39 - 121
Tetrachloro-m-xylene	73		39 - 121
DCB Decachlorobiphenyl	29		19 - 120
DCB Decachlorobiphenyl	28		19 - 120

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 480-582929/1-A

Matrix: Solid

Analysis Batch: 582975

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 582929

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.24	U	0.24	0.047	mg/Kg		05/27/21 10:04	05/28/21 01:02	1
PCB-1221	0.24	U	0.24	0.047	mg/Kg		05/27/21 10:04	05/28/21 01:02	1
PCB-1232	0.24	U	0.24	0.047	mg/Kg		05/27/21 10:04	05/28/21 01:02	1
PCB-1242	0.24	U	0.24	0.047	mg/Kg		05/27/21 10:04	05/28/21 01:02	1
PCB-1248	0.24	U	0.24	0.047	mg/Kg		05/27/21 10:04	05/28/21 01:02	1
PCB-1254	0.24	U	0.24	0.11	mg/Kg		05/27/21 10:04	05/28/21 01:02	1
PCB-1260	0.24	U	0.24	0.11	mg/Kg		05/27/21 10:04	05/28/21 01:02	1
PCB-1262	0.24	U	0.24	0.11	mg/Kg		05/27/21 10:04	05/28/21 01:02	1
PCB-1268	0.24	U	0.24	0.11	mg/Kg		05/27/21 10:04	05/28/21 01:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	153		60 - 154	05/27/21 10:04	05/28/21 01:02	1
Tetrachloro-m-xylene	149		60 - 154	05/27/21 10:04	05/28/21 01:02	1
DCB Decachlorobiphenyl	158		65 - 174	05/27/21 10:04	05/28/21 01:02	1
DCB Decachlorobiphenyl	144		65 - 174	05/27/21 10:04	05/28/21 01:02	1

Lab Sample ID: LCS 480-582929/2-A

Matrix: Solid

Analysis Batch: 583151

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 582929

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
PCB-1016	2.08	3.24		mg/Kg		156	51 - 185
PCB-1260	2.08	3.45		mg/Kg		166	61 - 184

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	148		60 - 154
Tetrachloro-m-xylene	154		60 - 154
DCB Decachlorobiphenyl	158		65 - 174
DCB Decachlorobiphenyl	167		65 - 174

Lab Sample ID: MB 480-583031/1-A

Matrix: Water

Analysis Batch: 583151

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 583031

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 11:19	1
PCB-1221	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 11:19	1
PCB-1232	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 11:19	1
PCB-1242	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 11:19	1
PCB-1248	0.50	U	0.50	0.18	ug/L		05/27/21 14:46	05/28/21 11:19	1
PCB-1254	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 11:19	1
PCB-1260	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 11:19	1
PCB-1262	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 11:19	1
PCB-1268	0.50	U	0.50	0.25	ug/L		05/27/21 14:46	05/28/21 11:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	83		39 - 121	05/27/21 14:46	05/28/21 11:19	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 480-583031/1-A

Matrix: Water

Analysis Batch: 583151

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 583031

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	79		39 - 121	05/27/21 14:46	05/28/21 11:19	1
DCB Decachlorobiphenyl	63		19 - 120	05/27/21 14:46	05/28/21 11:19	1
DCB Decachlorobiphenyl	62		19 - 120	05/27/21 14:46	05/28/21 11:19	1

Lab Sample ID: LCS 480-583031/2-A

Matrix: Water

Analysis Batch: 583151

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 583031

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	4.00	4.25		ug/L		106	62 - 130
PCB-1260	4.00	3.89		ug/L		97	56 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	95		39 - 121
Tetrachloro-m-xylene	93		39 - 121
DCB Decachlorobiphenyl	79		19 - 120
DCB Decachlorobiphenyl	69		19 - 120

Lab Sample ID: LCSD 480-583031/3-A

Matrix: Water

Analysis Batch: 583151

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 583031

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
PCB-1016	4.00	3.66		ug/L		91	62 - 130	15	50
PCB-1260	4.00	3.35		ug/L		84	56 - 123	15	50

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene	82		39 - 121
Tetrachloro-m-xylene	78		39 - 121
DCB Decachlorobiphenyl	60		19 - 120
DCB Decachlorobiphenyl	54		19 - 120

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 200-167231/1-A

Matrix: Solid

Analysis Batch: 167296

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 167231

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.50	U	0.50	0.16	ug/Kg		05/25/21 08:44	05/26/21 16:18	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.039	ug/Kg		05/25/21 08:44	05/26/21 16:18	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.022	ug/Kg		05/25/21 08:44	05/26/21 16:18	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.020	ug/Kg		05/25/21 08:44	05/26/21 16:18	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.025	ug/Kg		05/25/21 08:44	05/26/21 16:18	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.018	ug/Kg		05/25/21 08:44	05/26/21 16:18	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.012	ug/Kg		05/25/21 08:44	05/26/21 16:18	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.020	ug/Kg		05/25/21 08:44	05/26/21 16:18	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.021	ug/Kg		05/25/21 08:44	05/26/21 16:18	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: MB 200-167231/1-A

Matrix: Solid

Analysis Batch: 167296

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 167231

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotridecanoic acid (PFTriA)	0.20	U	0.20	0.015	ug/Kg		05/25/21 08:44	05/26/21 16:18	1
Perfluorotetradecanoic acid (PFTeA)	0.20	U	0.20	0.023	ug/Kg		05/25/21 08:44	05/26/21 16:18	1
Perfluorobutanesulfonic acid (PFBS)	0.0143	J	0.20	0.0093	ug/Kg		05/25/21 08:44	05/26/21 16:18	1
Perfluorohexanesulfonic acid (PFHxS)	0.0146	J	0.20	0.014	ug/Kg		05/25/21 08:44	05/26/21 16:18	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.20	U	0.20	0.015	ug/Kg		05/25/21 08:44	05/26/21 16:18	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.012	ug/Kg		05/25/21 08:44	05/26/21 16:18	1
Perfluorooctanesulfonic acid (PFOS)	0.0242	J	0.20	0.016	ug/Kg		05/25/21 08:44	05/26/21 16:18	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.017	ug/Kg		05/25/21 08:44	05/26/21 16:18	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	U	2.00	0.037	ug/Kg		05/25/21 08:44	05/26/21 16:18	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	U	2.00	0.046	ug/Kg		05/25/21 08:44	05/26/21 16:18	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	0.0463	J	2.00	0.031	ug/Kg		05/25/21 08:44	05/26/21 16:18	1
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	2.00	U	2.00	0.016	ug/Kg		05/25/21 08:44	05/26/21 16:18	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	90		50 - 150	05/25/21 08:44	05/26/21 16:18	1
13C4 PFOA	90		50 - 150	05/25/21 08:44	05/26/21 16:18	1
13C5 PFNA	89		50 - 150	05/25/21 08:44	05/26/21 16:18	1
13C4 PFBA	89		25 - 150	05/25/21 08:44	05/26/21 16:18	1
13C2 PFHxA	90		50 - 150	05/25/21 08:44	05/26/21 16:18	1
13C2 PFDA	84		50 - 150	05/25/21 08:44	05/26/21 16:18	1
13C2 PFUnA	74		50 - 150	05/25/21 08:44	05/26/21 16:18	1
18O2 PFHxS	82		50 - 150	05/25/21 08:44	05/26/21 16:18	1
13C2 PFDoA	62		50 - 150	05/25/21 08:44	05/26/21 16:18	1
13C4 PFOS	77		50 - 150	05/25/21 08:44	05/26/21 16:18	1
13C8 FOSA	56		25 - 150	05/25/21 08:44	05/26/21 16:18	1
13C5 PFPeA	92		25 - 150	05/25/21 08:44	05/26/21 16:18	1
13C2 PFTeDA	68		50 - 150	05/25/21 08:44	05/26/21 16:18	1
d3-NMeFOSAA	83		50 - 150	05/25/21 08:44	05/26/21 16:18	1
d5-NEtFOSAA	76		50 - 150	05/25/21 08:44	05/26/21 16:18	1
M2-6:2 FTS	90		25 - 150	05/25/21 08:44	05/26/21 16:18	1
13C3 PFBS	84		50 - 150	05/25/21 08:44	05/26/21 16:18	1
M2-8:2 FTS	97		25 - 150	05/25/21 08:44	05/26/21 16:18	1

Lab Sample ID: LCS 200-167231/2-A

Matrix: Solid

Analysis Batch: 167296

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 167231

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Perfluorobutanoic acid (PFBA)	2.00	2.130		ug/Kg		107	70 - 130
Perfluoropentanoic acid (PFPeA)	2.00	2.022		ug/Kg		101	70 - 130
Perfluorohexanoic acid (PFHxA)	2.00	2.000		ug/Kg		100	70 - 130
Perfluoroheptanoic acid (PFHpA)	2.00	2.113		ug/Kg		106	70 - 130
Perfluorooctanoic acid (PFOA)	2.00	2.112		ug/Kg		106	70 - 130
Perfluorononanoic acid (PFNA)	2.00	2.152		ug/Kg		108	70 - 130
Perfluorodecanoic acid (PFDA)	2.00	1.945		ug/Kg		97	70 - 130

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 200-167231/2-A

Matrix: Solid

Analysis Batch: 167296

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 167231

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluoroundecanoic acid (PFUnA)	2.00	2.142		ug/Kg		107	70 - 130
Perfluorododecanoic acid (PFDoA)	2.00	2.124		ug/Kg		106	70 - 130
Perfluorotridecanoic acid (PFTriA)	2.00	2.242		ug/Kg		112	70 - 130
Perfluorotetradecanoic acid (PFTeA)	2.00	2.098		ug/Kg		105	70 - 130
Perfluorobutanesulfonic acid (PFBS)	1.77	1.953		ug/Kg		110	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	1.82	1.971		ug/Kg		108	70 - 130
Perfluoroheptanesulfonic Acid (PFHpS)	1.90	2.030		ug/Kg		107	70 - 130
Perfluorodecanesulfonic acid (PFDS)	1.93	1.530		ug/Kg		79	70 - 130
Perfluorooctanesulfonic acid (PFOS)	1.86	1.800		ug/Kg		97	70 - 130
Perfluorooctanesulfonamide (PFOSA)	2.00	2.052		ug/Kg		103	70 - 130
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	2.133		ug/Kg		107	70 - 130
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	1.875	J	ug/Kg		94	70 - 130
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	1.90	2.139		ug/Kg		113	70 - 130
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	1.92	1.918	J	ug/Kg		100	70 - 130

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C4 PFHpA	96		50 - 150
13C4 PFOA	95		50 - 150
13C5 PFNA	94		50 - 150
13C4 PFBA	93		25 - 150
13C2 PFHxA	96		50 - 150
13C2 PFDA	101		50 - 150
13C2 PFUnA	83		50 - 150
18O2 PFHxS	85		50 - 150
13C2 PFDoA	72		50 - 150
13C4 PFOS	83		50 - 150
13C8 FOSA	61		25 - 150
13C5 PFPeA	95		25 - 150
13C2 PFTeDA	79		50 - 150
d3-NMeFOSAA	86		50 - 150
d5-NEtFOSAA	97		50 - 150
M2-6:2 FTS	100		25 - 150
13C3 PFBS	82		50 - 150
M2-8:2 FTS	110		25 - 150

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: MB 200-167342/1-A

Matrix: Water

Analysis Batch: 167464

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 167342

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	5.00	U	5.00	0.89	ng/L		05/27/21 13:28	06/01/21 17:20	1
Perfluoropentanoic acid (PFPeA)	2.00	U	2.00	0.47	ng/L		05/27/21 13:28	06/01/21 17:20	1
Perfluorohexanoic acid (PFHxA)	2.00	U	2.00	0.45	ng/L		05/27/21 13:28	06/01/21 17:20	1
Perfluoroheptanoic acid (PFHpA)	2.00	U	2.00	0.24	ng/L		05/27/21 13:28	06/01/21 17:20	1
Perfluorooctanoic acid (PFOA)	2.00	U	2.00	0.42	ng/L		05/27/21 13:28	06/01/21 17:20	1
Perfluorononanoic acid (PFNA)	2.00	U	2.00	0.28	ng/L		05/27/21 13:28	06/01/21 17:20	1
Perfluorodecanoic acid (PFDA)	2.00	U	2.00	0.30	ng/L		05/27/21 13:28	06/01/21 17:20	1
Perfluoroundecanoic acid (PFUnA)	2.00	U	2.00	0.34	ng/L		05/27/21 13:28	06/01/21 17:20	1
Perfluorododecanoic acid (PFDoA)	2.00	U	2.00	0.39	ng/L		05/27/21 13:28	06/01/21 17:20	1
Perfluorotridecanoic acid (PFTriA)	2.00	U	2.00	0.43	ng/L		05/27/21 13:28	06/01/21 17:20	1
Perfluorotetradecanoic acid (PFTeA)	2.00	U	2.00	0.63	ng/L		05/27/21 13:28	06/01/21 17:20	1
Perfluorobutanesulfonic acid (PFBS)	2.00	U	2.00	0.25	ng/L		05/27/21 13:28	06/01/21 17:20	1
Perfluorohexanesulfonic acid (PFHxS)	2.00	U	2.00	0.30	ng/L		05/27/21 13:28	06/01/21 17:20	1
Perfluoroheptanesulfonic Acid (PFHpS)	2.00	U	2.00	0.23	ng/L		05/27/21 13:28	06/01/21 17:20	1
Perfluorodecanesulfonic acid (PFDS)	2.00	U	2.00	0.31	ng/L		05/27/21 13:28	06/01/21 17:20	1
Perfluorooctanesulfonic acid (PFOS)	2.00	U	2.00	0.29	ng/L		05/27/21 13:28	06/01/21 17:20	1
Perfluorooctanesulfonamide (FOSA)	2.00	U	2.00	0.58	ng/L		05/27/21 13:28	06/01/21 17:20	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	5.00	U	5.00	0.90	ng/L		05/27/21 13:28	06/01/21 17:20	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	5.00	U	5.00	0.74	ng/L		05/27/21 13:28	06/01/21 17:20	1
6:2 FTS	5.00	U	5.00	1.10	ng/L		05/27/21 13:28	06/01/21 17:20	1
8:2 FTS	2.00	U	2.00	0.39	ng/L		05/27/21 13:28	06/01/21 17:20	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C8 FOSA	78		25 - 150	05/27/21 13:28	06/01/21 17:20	1
13C4 PFBA	101		25 - 150	05/27/21 13:28	06/01/21 17:20	1
13C5 PFPeA	103		25 - 150	05/27/21 13:28	06/01/21 17:20	1
13C2 PFHxA	101		50 - 150	05/27/21 13:28	06/01/21 17:20	1
13C4 PFHpA	101		50 - 150	05/27/21 13:28	06/01/21 17:20	1
13C4 PFOA	104		50 - 150	05/27/21 13:28	06/01/21 17:20	1
13C5 PFNA	106		50 - 150	05/27/21 13:28	06/01/21 17:20	1
13C2 PFDA	111		50 - 150	05/27/21 13:28	06/01/21 17:20	1
13C2 PFUnA	99		50 - 150	05/27/21 13:28	06/01/21 17:20	1
13C2 PFDoA	94		50 - 150	05/27/21 13:28	06/01/21 17:20	1
13C2 PFTeDA	89		50 - 150	05/27/21 13:28	06/01/21 17:20	1
13C3 PFBS	98		50 - 150	05/27/21 13:28	06/01/21 17:20	1
18O2 PFHxS	94		50 - 150	05/27/21 13:28	06/01/21 17:20	1
13C4 PFOS	99		50 - 150	05/27/21 13:28	06/01/21 17:20	1
d3-NMeFOSAA	119		50 - 150	05/27/21 13:28	06/01/21 17:20	1
d5-NEtFOSAA	117		50 - 150	05/27/21 13:28	06/01/21 17:20	1
M2-6:2 FTS	102		25 - 150	05/27/21 13:28	06/01/21 17:20	1
M2-8:2 FTS	118		25 - 150	05/27/21 13:28	06/01/21 17:20	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 200-167342/2-A

Matrix: Water

Analysis Batch: 167464

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 167342

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorobutanoic acid (PFBA)	40.0	39.17		ng/L		98	50 - 150
Perfluoropentanoic acid (PFPeA)	40.0	38.45		ng/L		96	50 - 150
Perfluorohexanoic acid (PFHxA)	40.0	38.60		ng/L		97	70 - 130
Perfluoroheptanoic acid (PFHpA)	40.0	41.81		ng/L		105	70 - 130
Perfluorooctanoic acid (PFOA)	40.0	38.30		ng/L		96	70 - 130
Perfluorononanoic acid (PFNA)	40.0	38.98		ng/L		97	70 - 130
Perfluorodecanoic acid (PFDA)	40.0	38.49		ng/L		96	70 - 130
Perfluoroundecanoic acid (PFUnA)	40.0	39.99		ng/L		100	70 - 130
Perfluorododecanoic acid (PFDoA)	40.0	35.69		ng/L		89	70 - 130
Perfluorotridecanoic acid (PFTriA)	40.0	31.47		ng/L		79	70 - 130
Perfluorotetradecanoic acid (PFTeA)	40.0	32.88		ng/L		82	70 - 130
Perfluorobutanesulfonic acid (PFBS)	35.4	35.76		ng/L		101	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	36.4	34.69		ng/L		95	70 - 130
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	38.93		ng/L		102	50 - 150
Perfluorodecanesulfonic acid (PFDS)	38.6	35.19		ng/L		91	50 - 150
Perfluorooctanesulfonic acid (PFOS)	37.1	37.45		ng/L		101	70 - 130
Perfluorooctanesulfonamide (FOSA)	40.0	34.52		ng/L		86	50 - 150
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	37.15		ng/L		93	70 - 130
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	35.96		ng/L		90	70 - 130
6:2 FTS	37.9	36.66		ng/L		97	50 - 150
8:2 FTS	38.3	32.74		ng/L		85	50 - 150

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C8 FOSA	76		25 - 150
13C4 PFBA	100		25 - 150
13C5 PFPeA	101		25 - 150
13C2 PFHxA	100		50 - 150
13C4 PFHpA	95		50 - 150
13C4 PFOA	103		50 - 150
13C5 PFNA	101		50 - 150
13C2 PFDA	105		50 - 150
13C2 PFUnA	94		50 - 150
13C2 PFDoA	91		50 - 150
13C2 PFTeDA	82		50 - 150
13C3 PFBS	92		50 - 150
18O2 PFHxS	94		50 - 150
13C4 PFOS	93		50 - 150
d3-NMeFOSAA	111		50 - 150
d5-NEtFOSAA	105		50 - 150

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 200-167342/2-A

Matrix: Water

Analysis Batch: 167464

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 167342

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
M2-6:2 FTS	103		25 - 150
M2-8:2 FTS	112		25 - 150

Lab Sample ID: MB 200-167414/1-A

Matrix: Water

Analysis Batch: 167465

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 167414

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.933	J	5.00	0.89	ng/L		05/28/21 16:14	06/01/21 21:04	1
Perfluoropentanoic acid (PFPeA)	2.00	U	2.00	0.47	ng/L		05/28/21 16:14	06/01/21 21:04	1
Perfluorohexanoic acid (PFHxA)	2.00	U	2.00	0.45	ng/L		05/28/21 16:14	06/01/21 21:04	1
Perfluoroheptanoic acid (PFHpA)	0.243	J	2.00	0.24	ng/L		05/28/21 16:14	06/01/21 21:04	1
Perfluorooctanoic acid (PFOA)	2.00	U	2.00	0.42	ng/L		05/28/21 16:14	06/01/21 21:04	1
Perfluorononanoic acid (PFNA)	2.00	U	2.00	0.28	ng/L		05/28/21 16:14	06/01/21 21:04	1
Perfluorodecanoic acid (PFDA)	0.315	J	2.00	0.30	ng/L		05/28/21 16:14	06/01/21 21:04	1
Perfluoroundecanoic acid (PFUnA)	2.00	U	2.00	0.34	ng/L		05/28/21 16:14	06/01/21 21:04	1
Perfluorododecanoic acid (PFDoA)	2.00	U	2.00	0.39	ng/L		05/28/21 16:14	06/01/21 21:04	1
Perfluorotridecanoic acid (PFTriA)	2.00	U	2.00	0.43	ng/L		05/28/21 16:14	06/01/21 21:04	1
Perfluorotetradecanoic acid (PFTeA)	2.00	U	2.00	0.63	ng/L		05/28/21 16:14	06/01/21 21:04	1
Perfluorobutanesulfonic acid (PFBS)	0.285	J	2.00	0.25	ng/L		05/28/21 16:14	06/01/21 21:04	1
Perfluorohexanesulfonic acid (PFHxS)	2.00	U	2.00	0.30	ng/L		05/28/21 16:14	06/01/21 21:04	1
Perfluoroheptanesulfonic Acid (PFHpS)	2.00	U	2.00	0.23	ng/L		05/28/21 16:14	06/01/21 21:04	1
Perfluorodecanesulfonic acid (PFDS)	2.00	U	2.00	0.31	ng/L		05/28/21 16:14	06/01/21 21:04	1
Perfluorooctanesulfonic acid (PFOS)	0.302	J	2.00	0.29	ng/L		05/28/21 16:14	06/01/21 21:04	1
Perfluorooctanesulfonamide (FOSA)	2.00	U	2.00	0.58	ng/L		05/28/21 16:14	06/01/21 21:04	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	5.00	U	5.00	0.90	ng/L		05/28/21 16:14	06/01/21 21:04	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	5.00	U	5.00	0.74	ng/L		05/28/21 16:14	06/01/21 21:04	1
6:2 FTS	5.00	U	5.00	1.10	ng/L		05/28/21 16:14	06/01/21 21:04	1
8:2 FTS	2.00	U	2.00	0.39	ng/L		05/28/21 16:14	06/01/21 21:04	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	100		50 - 150	05/28/21 16:14	06/01/21 21:04	1
13C4 PFOA	102		50 - 150	05/28/21 16:14	06/01/21 21:04	1
13C5 PFNA	103		50 - 150	05/28/21 16:14	06/01/21 21:04	1
13C4 PFBA	99		25 - 150	05/28/21 16:14	06/01/21 21:04	1
13C2 PFHxA	102		50 - 150	05/28/21 16:14	06/01/21 21:04	1
13C2 PFDA	110		50 - 150	05/28/21 16:14	06/01/21 21:04	1
13C2 PFUnA	89		50 - 150	05/28/21 16:14	06/01/21 21:04	1
18O2 PFHxS	91		50 - 150	05/28/21 16:14	06/01/21 21:04	1
13C2 PFDoA	84		50 - 150	05/28/21 16:14	06/01/21 21:04	1
13C4 PFOS	93		50 - 150	05/28/21 16:14	06/01/21 21:04	1
13C8 FOSA	75		25 - 150	05/28/21 16:14	06/01/21 21:04	1
13C5 PFPeA	101		25 - 150	05/28/21 16:14	06/01/21 21:04	1
13C2 PFTeDA	81		50 - 150	05/28/21 16:14	06/01/21 21:04	1
d3-NMeFOSAA	107		50 - 150	05/28/21 16:14	06/01/21 21:04	1
d5-NEtFOSAA	103		50 - 150	05/28/21 16:14	06/01/21 21:04	1
M2-6:2 FTS	97		25 - 150	05/28/21 16:14	06/01/21 21:04	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: MB 200-167414/1-A

Matrix: Water

Analysis Batch: 167465

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 167414

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	89		50 - 150	05/28/21 16:14	06/01/21 21:04	1
M2-8:2 FTS	104		25 - 150	05/28/21 16:14	06/01/21 21:04	1

Lab Sample ID: LCS 200-167414/2-A

Matrix: Water

Analysis Batch: 167465

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 167414

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorobutanoic acid (PFBA)	40.0	44.93		ng/L		112	50 - 150
Perfluoropentanoic acid (PFPeA)	40.0	42.87		ng/L		107	50 - 150
Perfluorohexanoic acid (PFHxA)	40.0	44.10		ng/L		110	70 - 130
Perfluoroheptanoic acid (PFHpA)	40.0	44.51		ng/L		111	70 - 130
Perfluorooctanoic acid (PFOA)	40.0	43.18		ng/L		108	70 - 130
Perfluorononanoic acid (PFNA)	40.0	44.00		ng/L		110	70 - 130
Perfluorodecanoic acid (PFDA)	40.0	42.24		ng/L		106	70 - 130
Perfluoroundecanoic acid (PFUnA)	40.0	46.14		ng/L		115	70 - 130
Perfluorododecanoic acid (PFDoA)	40.0	38.50		ng/L		96	70 - 130
Perfluorotridecanoic acid (PFTriA)	40.0	34.46		ng/L		86	70 - 130
Perfluorotetradecanoic acid (PFTeA)	40.0	37.18		ng/L		93	70 - 130
Perfluorobutanesulfonic acid (PFBS)	35.4	40.90		ng/L		116	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	36.4	39.56		ng/L		109	70 - 130
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	42.80		ng/L		112	50 - 150
Perfluorodecanesulfonic acid (PFDS)	38.6	38.14		ng/L		99	50 - 150
Perfluorooctanesulfonic acid (PFOS)	37.1	41.23		ng/L		111	70 - 130
Perfluorooctanesulfonamide (FOSA)	40.0	36.46		ng/L		91	50 - 150
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	38.74		ng/L		97	70 - 130
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	37.11		ng/L		93	70 - 130
6:2 FTS	37.9	43.34		ng/L		114	50 - 150
8:2 FTS	38.3	38.79		ng/L		101	50 - 150

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C4 PFHpA	96		50 - 150
13C4 PFOA	98		50 - 150
13C5 PFNA	97		50 - 150
13C4 PFBA	97		25 - 150
13C2 PFHxA	95		50 - 150
13C2 PFDA	107		50 - 150
13C2 PFUnA	92		50 - 150
18O2 PFHxS	91		50 - 150
13C2 PFDoA	84		50 - 150

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 200-167414/2-A

Matrix: Water

Analysis Batch: 167465

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 167414

<i>Isotope Dilution</i>	<i>LCS %Recovery</i>	<i>LCS Qualifier</i>	<i>Limits</i>
13C4 PFOS	88		50 - 150
13C8 FOSA	69		25 - 150
13C5 PFPeA	101		25 - 150
13C2 PFTeDA	78		50 - 150
d3-NMeFOSAA	112		50 - 150
d5-NEtFOSAA	105		50 - 150
M2-6:2 FTS	99		25 - 150
13C3 PFBS	88		50 - 150
M2-8:2 FTS	113		25 - 150

Lab Sample ID: 480-184959-18 MS

Matrix: Water

Analysis Batch: 167465

Client Sample ID: MW-6

Prep Type: Total/NA

Prep Batch: 167414

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec.		
	Result	Qualifier	Added	Result	Qualifier			%Rec Limits		
Perfluorobutanoic acid (PFBA)	3.80	J B	33.1	37.06		ng/L		101	40 - 160	
Perfluoropentanoic acid (PFPeA)	3.90		33.1	36.61		ng/L		99	40 - 160	
Perfluorohexanoic acid (PFHxA)	6.97		33.1	42.73		ng/L		108	40 - 160	
Perfluoroheptanoic acid (PFHpA)	3.50	B	33.1	39.48		ng/L		109	40 - 160	
Perfluorooctanoic acid (PFOA)	9.76		33.1	44.82		ng/L		106	40 - 160	
Perfluorononanoic acid (PFNA)	0.46	J	33.1	35.66		ng/L		106	40 - 160	
Perfluorodecanoic acid (PFDA)	1.69	U	33.1	33.07		ng/L		100	40 - 160	
Perfluoroundecanoic acid (PFUnA)	1.69	U	33.1	31.97		ng/L		97	40 - 160	
Perfluorododecanoic acid (PFDoA)	1.69	U	33.1	28.66		ng/L		87	40 - 160	
Perfluorotridecanoic acid (PFTriA)	1.69	U	33.1	27.25		ng/L		82	40 - 160	
Perfluorotetradecanoic acid (PFTeA)	1.69	U	33.1	28.98		ng/L		88	40 - 160	
Perfluorobutanesulfonic acid (PFBS)	0.80	J B	29.2	32.64		ng/L		109	40 - 160	
Perfluorohexanesulfonic acid (PFHxS)	1.18	J	30.1	33.24		ng/L		107	40 - 160	
Perfluoroheptanesulfonic Acid (PFHpS)	1.69	U	31.5	34.76		ng/L		110	40 - 160	
Perfluorodecanesulfonic acid (PFDS)	1.69	U	31.9	27.43		ng/L		86	40 - 160	
Perfluorooctanesulfonic acid (PFOS)	11.2	B	30.7	42.46		ng/L		102	40 - 160	
Perfluorooctanesulfonamide (FOSA)	1.69	U	33.1	31.91		ng/L		97	40 - 160	
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.22	U	33.1	34.04		ng/L		103	40 - 160	
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.81	J	33.1	30.65		ng/L		90	40 - 160	
6:2 FTS	4.22	U	31.3	34.06		ng/L		109	40 - 160	
8:2 FTS	1.69	U	31.7	31.14		ng/L		98	40 - 160	
	MS	MS								
Isotope Dilution	%Recovery	Qualifier	Limits							
13C8 FOSA	75		25 - 150							
13C4 PFBA	71		25 - 150							

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 480-184959-18 MS

Matrix: Water

Analysis Batch: 167465

Client Sample ID: MW-6

Prep Type: Total/NA

Prep Batch: 167414

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C5 PFPeA	87		25 - 150
13C2 PFHxA	88		50 - 150
13C4 PFHpA	94		50 - 150
13C4 PFOA	99		50 - 150
13C5 PFNA	100		50 - 150
13C2 PFDA	96		50 - 150
13C2 PFUnA	87		50 - 150
13C2 PFDoA	88		50 - 150
13C2 PFTeDA	73		50 - 150
13C3 PFBS	82		50 - 150
18O2 PFHxS	89		50 - 150
13C4 PFOS	87		50 - 150
d3-NMeFOSAA	91		50 - 150
d5-NEtFOSAA	97		50 - 150
M2-6:2 FTS	104		25 - 150
M2-8:2 FTS	103		25 - 150

Lab Sample ID: 480-184959-18 MSD

Matrix: Water

Analysis Batch: 167465

Client Sample ID: MW-6

Prep Type: Total/NA

Prep Batch: 167414

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	3.80	J B	34.8	40.12		ng/L		104	40 - 160	8	30
Perfluoropentanoic acid (PFPeA)	3.90		34.8	41.75		ng/L		109	40 - 160	13	30
Perfluorohexanoic acid (PFHxA)	6.97		34.8	42.91		ng/L		103	40 - 160	0	20
Perfluoroheptanoic acid (PFHpA)	3.50	B	34.8	43.34		ng/L		114	40 - 160	9	20
Perfluorooctanoic acid (PFOA)	9.76		34.8	47.34		ng/L		108	40 - 160	5	20
Perfluorononanoic acid (PFNA)	0.46	J	34.8	40.80		ng/L		116	40 - 160	13	20
Perfluorodecanoic acid (PFDA)	1.69	U	34.8	32.09		ng/L		92	40 - 160	3	20
Perfluoroundecanoic acid (PFUnA)	1.69	U	34.8	32.75		ng/L		94	40 - 160	2	20
Perfluorododecanoic acid (PFDoA)	1.69	U	34.8	32.65		ng/L		94	40 - 160	13	20
Perfluorotridecanoic acid (PFTriA)	1.69	U	34.8	30.99		ng/L		89	40 - 160	13	20
Perfluorotetradecanoic acid (PFTeA)	1.69	U	34.8	29.34		ng/L		84	40 - 160	1	20
Perfluorobutanesulfonic acid (PFBS)	0.80	J B	30.8	34.46		ng/L		109	40 - 160	5	20
Perfluorohexanesulfonic acid (PFHxS)	1.18	J	31.7	36.47		ng/L		111	40 - 160	9	20
Perfluoroheptanesulfonic Acid (PFHpS)	1.69	U	33.2	37.09		ng/L		112	40 - 160	7	30
Perfluorodecanesulfonic acid (PFDS)	1.69	U	33.6	27.12		ng/L		81	40 - 160	1	30
Perfluorooctanesulfonic acid (PFOS)	11.2	B	32.3	45.39		ng/L		106	40 - 160	7	20
Perfluorooctanesulfonamide (FOSA)	1.69	U	34.8	34.83		ng/L		100	40 - 160	9	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.22	U	34.8	29.87		ng/L		86	40 - 160	13	20

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 480-184959-18 MSD

Matrix: Water

Analysis Batch: 167465

Client Sample ID: MW-6

Prep Type: Total/NA

Prep Batch: 167414

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
N-ethylperfluorooctanesulfonamidoacetic acid (NETFOSAA)	0.81	J	34.8	32.15		ng/L		90	40 - 160	5	20
6:2 FTS	4.22	U	33.0	37.27		ng/L		113	40 - 160	9	30
8:2 FTS	1.69	U	33.4	36.91		ng/L		111	40 - 160	17	30
Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits								
13C8 FOSA	71		25 - 150								
13C4 PFBA	73		25 - 150								
13C5 PFPeA	87		25 - 150								
13C2 PFHxA	90		50 - 150								
13C4 PFHpA	93		50 - 150								
13C4 PFOA	96		50 - 150								
13C5 PFNA	92		50 - 150								
13C2 PFDA	103		50 - 150								
13C2 PFUnA	88		50 - 150								
13C2 PFDoA	81		50 - 150								
13C2 PFTeDA	74		50 - 150								
13C3 PFBS	83		50 - 150								
18O2 PFHxS	87		50 - 150								
13C4 PFOS	89		50 - 150								
d3-NMeFOSAA	105		50 - 150								
d5-NEtFOSAA	90		50 - 150								
M2-6:2 FTS	107		25 - 150								
M2-8:2 FTS	104		25 - 150								

Lab Sample ID: MB 200-167432/1-A

Matrix: Solid

Analysis Batch: 167511

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 167432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.50	U	0.50	0.16	ug/Kg		06/01/21 08:22	06/03/21 02:30	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.039	ug/Kg		06/01/21 08:22	06/03/21 02:30	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.022	ug/Kg		06/01/21 08:22	06/03/21 02:30	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.020	ug/Kg		06/01/21 08:22	06/03/21 02:30	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.025	ug/Kg		06/01/21 08:22	06/03/21 02:30	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.018	ug/Kg		06/01/21 08:22	06/03/21 02:30	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.012	ug/Kg		06/01/21 08:22	06/03/21 02:30	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.020	ug/Kg		06/01/21 08:22	06/03/21 02:30	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.021	ug/Kg		06/01/21 08:22	06/03/21 02:30	1
Perfluorotridecanoic acid (PFTriA)	0.20	U	0.20	0.015	ug/Kg		06/01/21 08:22	06/03/21 02:30	1
Perfluorotetradecanoic acid (PFTeA)	0.20	U	0.20	0.023	ug/Kg		06/01/21 08:22	06/03/21 02:30	1
Perfluorobutanesulfonic acid (PFBS)	0.0108	J	0.20	0.0093	ug/Kg		06/01/21 08:22	06/03/21 02:30	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.014	ug/Kg		06/01/21 08:22	06/03/21 02:30	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.20	U	0.20	0.015	ug/Kg		06/01/21 08:22	06/03/21 02:30	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.012	ug/Kg		06/01/21 08:22	06/03/21 02:30	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.016	ug/Kg		06/01/21 08:22	06/03/21 02:30	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.017	ug/Kg		06/01/21 08:22	06/03/21 02:30	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	U	2.00	0.037	ug/Kg		06/01/21 08:22	06/03/21 02:30	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: MB 200-167432/1-A

Matrix: Solid

Analysis Batch: 167511

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 167432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	U	2.00	0.046	ug/Kg		06/01/21 08:22	06/03/21 02:30	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	2.00	U	2.00	0.031	ug/Kg		06/01/21 08:22	06/03/21 02:30	1
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	2.00	U	2.00	0.016	ug/Kg		06/01/21 08:22	06/03/21 02:30	1
Isotope Dilution	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFHpA	89		50 - 150				06/01/21 08:22	06/03/21 02:30	1
13C4 PFOA	91		50 - 150				06/01/21 08:22	06/03/21 02:30	1
13C5 PFNA	93		50 - 150				06/01/21 08:22	06/03/21 02:30	1
13C4 PFBA	89		25 - 150				06/01/21 08:22	06/03/21 02:30	1
13C2 PFHxA	91		50 - 150				06/01/21 08:22	06/03/21 02:30	1
13C2 PFDA	89		50 - 150				06/01/21 08:22	06/03/21 02:30	1
13C2 PFUnA	71		50 - 150				06/01/21 08:22	06/03/21 02:30	1
18O2 PFHxS	80		50 - 150				06/01/21 08:22	06/03/21 02:30	1
13C2 PFDoA	65		50 - 150				06/01/21 08:22	06/03/21 02:30	1
13C4 PFOS	82		50 - 150				06/01/21 08:22	06/03/21 02:30	1
13C8 FOSA	59		25 - 150				06/01/21 08:22	06/03/21 02:30	1
13C5 PFPeA	88		25 - 150				06/01/21 08:22	06/03/21 02:30	1
13C2 PFTeDA	75		50 - 150				06/01/21 08:22	06/03/21 02:30	1
d3-NMeFOSAA	89		50 - 150				06/01/21 08:22	06/03/21 02:30	1
d5-NEtFOSAA	81		50 - 150				06/01/21 08:22	06/03/21 02:30	1
M2-6:2 FTS	82		25 - 150				06/01/21 08:22	06/03/21 02:30	1
13C3 PFBS	83		50 - 150				06/01/21 08:22	06/03/21 02:30	1
M2-8:2 FTS	84		25 - 150				06/01/21 08:22	06/03/21 02:30	1

Lab Sample ID: LCS 200-167432/2-A

Matrix: Solid

Analysis Batch: 167511

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 167432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorobutanoic acid (PFBA)	2.00	2.076		ug/Kg		104	70 - 130
Perfluoropentanoic acid (PFPeA)	2.00	2.005		ug/Kg		100	70 - 130
Perfluorohexanoic acid (PFHxA)	2.00	1.907		ug/Kg		95	70 - 130
Perfluoroheptanoic acid (PFHpA)	2.00	2.036		ug/Kg		102	70 - 130
Perfluorooctanoic acid (PFOA)	2.00	1.981		ug/Kg		99	70 - 130
Perfluorononanoic acid (PFNA)	2.00	2.019		ug/Kg		101	70 - 130
Perfluorodecanoic acid (PFDA)	2.00	1.981		ug/Kg		99	70 - 130
Perfluoroundecanoic acid (PFUnA)	2.00	1.934		ug/Kg		97	70 - 130
Perfluorododecanoic acid (PFDoA)	2.00	2.065		ug/Kg		103	70 - 130
Perfluorotridecanoic acid (PFTriA)	2.00	2.140		ug/Kg		107	70 - 130
Perfluorotetradecanoic acid (PFTeA)	2.00	2.034		ug/Kg		102	70 - 130
Perfluorobutanesulfonic acid (PFBS)	1.77	1.907		ug/Kg		108	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	1.82	1.873		ug/Kg		103	70 - 130

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 200-167432/2-A

Matrix: Solid

Analysis Batch: 167511

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 167432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluoroheptanesulfonic Acid (PFHpS)	1.90	1.899		ug/Kg		100	70 - 130
Perfluorodecanesulfonic acid (PFDS)	1.93	1.434		ug/Kg		74	70 - 130
Perfluorooctanesulfonic acid (PFOS)	1.86	1.831		ug/Kg		99	70 - 130
Perfluorooctanesulfonamide (PFOSA)	2.00	1.969		ug/Kg		98	70 - 130
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	1.926	J	ug/Kg		96	70 - 130
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	1.870	J	ug/Kg		94	70 - 130
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	1.90	1.967	J	ug/Kg		104	70 - 130
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	1.92	1.841	J	ug/Kg		96	70 - 130

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C4 PFHpA	85		50 - 150
13C4 PFOA	87		50 - 150
13C5 PFNA	89		50 - 150
13C4 PFBA	88		25 - 150
13C2 PFHxA	90		50 - 150
13C2 PFDA	83		50 - 150
13C2 PFUnA	70		50 - 150
18O2 PFHxS	79		50 - 150
13C2 PFDoA	60		50 - 150
13C4 PFOS	78		50 - 150
13C8 FOSA	57		25 - 150
13C5 PFPeA	88		25 - 150
13C2 PFTeDA	66		50 - 150
d3-NMeFOSAA	88		50 - 150
d5-NEtFOSAA	78		50 - 150
M2-6:2 FTS	82		25 - 150
13C3 PFBS	80		50 - 150
M2-8:2 FTS	86		25 - 150

Lab Sample ID: 480-185032-9 MS

Matrix: Solid

Analysis Batch: 167511

Client Sample ID: GFFC-2-SED

Prep Type: Total/NA

Prep Batch: 167432

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorobutanoic acid (PFBA)	0.73	U	2.92	3.036		ug/Kg	✱	104	70 - 130
Perfluoropentanoic acid (PFPeA)	0.29	U	2.92	3.043		ug/Kg	✱	104	70 - 130
Perfluorohexanoic acid (PFHxA)	0.29	U	2.92	3.058		ug/Kg	✱	105	70 - 130
Perfluoroheptanoic acid (PFHpA)	0.29	U	2.92	2.963		ug/Kg	✱	102	70 - 130
Perfluorooctanoic acid (PFOA)	0.040	J	2.92	2.712		ug/Kg	✱	92	70 - 130
Perfluorononanoic acid (PFNA)	0.29	U	2.92	3.102		ug/Kg	✱	106	70 - 130
Perfluorodecanoic acid (PFDA)	0.29	U	2.92	2.985		ug/Kg	✱	102	70 - 130
Perfluoroundecanoic acid (PFUnA)	0.030	J	2.92	2.972		ug/Kg	✱	101	70 - 130

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 480-185032-9 MS

Matrix: Solid

Analysis Batch: 167511

Client Sample ID: GFFC-2-SED

Prep Type: Total/NA

Prep Batch: 167432

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorododecanoic acid (PFDoA)	0.046	J	2.92	2.840		ug/Kg	⊛	96	70 - 130
Perfluorotridecanoic acid (PFTriA)	0.043	J	2.92	2.779		ug/Kg	⊛	94	70 - 130
Perfluorotetradecanoic acid (PFTeA)	0.041	J	2.92	2.985		ug/Kg	⊛	101	70 - 130
Perfluorobutanesulfonic acid (PFBS)	0.29	U	2.58	2.603		ug/Kg	⊛	101	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	0.29	U	2.66	2.703		ug/Kg	⊛	102	70 - 130
Perfluoroheptanesulfonic Acid (PFHpS)	0.29	U	2.78	2.936		ug/Kg	⊛	106	70 - 130
Perfluorodecanesulfonic acid (PFDS)	0.025	J	2.81	2.789		ug/Kg	⊛	98	70 - 130
Perfluorooctanesulfonic acid (PFOS)	0.96		2.71	2.846		ug/Kg	⊛	70	70 - 130
Perfluorooctanesulfonamide (PFOSA)	0.29	U	2.92	3.080		ug/Kg	⊛	106	70 - 130
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.068	J	2.92	2.693	J	ug/Kg	⊛	90	70 - 130
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.92	U	2.92	2.769	J	ug/Kg	⊛	95	70 - 130
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	2.92	U	2.77	2.831	J	ug/Kg	⊛	102	70 - 130
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	2.92	U	2.80	2.700	J	ug/Kg	⊛	97	70 - 130

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C4 PFHpA	88		50 - 150
13C4 PFOA	95		50 - 150
13C5 PFNA	89		50 - 150
13C4 PFBA	89		25 - 150
13C2 PFHxA	98		50 - 150
13C2 PFDA	95		50 - 150
13C2 PFUnA	89		50 - 150
18O2 PFHxS	84		50 - 150
13C2 PFDoA	89		50 - 150
13C4 PFOS	82		50 - 150
13C8 FOSA	72		25 - 150
13C5 PFPeA	88		25 - 150
13C2 PFTeDA	88		50 - 150
d3-NMeFOSAA	103		50 - 150
d5-NEtFOSAA	99		50 - 150
M2-6:2 FTS	93		25 - 150
13C3 PFBS	85		50 - 150
M2-8:2 FTS	101		25 - 150

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 480-185032-9 MSD

Matrix: Solid

Analysis Batch: 167511

Client Sample ID: GFFC-2-SED

Prep Type: Total/NA

Prep Batch: 167432

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	0.73	U	2.92	3.108		ug/Kg	✱	107	70 - 130	2	20
Perfluoropentanoic acid (PFPeA)	0.29	U	2.92	2.897		ug/Kg	✱	99	70 - 130	5	20
Perfluorohexanoic acid (PFHxA)	0.29	U	2.92	3.040		ug/Kg	✱	104	70 - 130	1	20
Perfluoroheptanoic acid (PFHpA)	0.29	U	2.92	3.043		ug/Kg	✱	104	70 - 130	3	20
Perfluorooctanoic acid (PFOA)	0.040	J	2.92	2.980		ug/Kg	✱	101	70 - 130	9	20
Perfluorononanoic acid (PFNA)	0.29	U	2.92	3.020		ug/Kg	✱	104	70 - 130	3	20
Perfluorodecanoic acid (PFDA)	0.29	U	2.92	2.977		ug/Kg	✱	102	70 - 130	0	20
Perfluoroundecanoic acid (PFUnA)	0.030	J	2.92	3.112		ug/Kg	✱	106	70 - 130	5	20
Perfluorododecanoic acid (PFDoA)	0.046	J	2.92	2.944		ug/Kg	✱	99	70 - 130	4	20
Perfluorotridecanoic acid (PFTriA)	0.043	J	2.92	2.990		ug/Kg	✱	101	70 - 130	7	20
Perfluorotetradecanoic acid (PFTeA)	0.041	J	2.92	2.934		ug/Kg	✱	99	70 - 130	2	20
Perfluorobutanesulfonic acid (PFBS)	0.29	U	2.58	2.722		ug/Kg	✱	106	70 - 130	4	20
Perfluorohexanesulfonic acid (PFHxS)	0.29	U	2.66	2.683		ug/Kg	✱	101	70 - 130	1	20
Perfluoroheptanesulfonic Acid (PFHpS)	0.29	U	2.78	2.887		ug/Kg	✱	104	70 - 130	2	20
Perfluorodecanesulfonic acid (PFDS)	0.025	J	2.81	2.776		ug/Kg	✱	98	70 - 130	0	20
Perfluorooctanesulfonic acid (PFOS)	0.96		2.71	2.859		ug/Kg	✱	70	70 - 130	0	20
Perfluorooctanesulfonamide (PFOSA)	0.29	U	2.92	2.839		ug/Kg	✱	97	70 - 130	8	20
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.068	J	2.92	3.077		ug/Kg	✱	103	70 - 130	13	20
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.92	U	2.92	2.904	J	ug/Kg	✱	100	70 - 130	5	20
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	2.92	U	2.77	2.823	J	ug/Kg	✱	102	70 - 130	0	20
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	2.92	U	2.80	2.945		ug/Kg	✱	105	70 - 130	9	20

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C4 PFHpA	85		50 - 150
13C4 PFOA	92		50 - 150
13C5 PFNA	90		50 - 150
13C4 PFBA	85		25 - 150
13C2 PFHxA	94		50 - 150
13C2 PFDA	90		50 - 150
13C2 PFUnA	82		50 - 150
18O2 PFHxS	79		50 - 150
13C2 PFDoA	82		50 - 150
13C4 PFOS	79		50 - 150
13C8 FOSA	71		25 - 150
13C5 PFPeA	89		25 - 150
13C2 PFTeDA	85		50 - 150
d3-NMeFOSAA	94		50 - 150
d5-NEtFOSAA	88		50 - 150

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 480-185032-9 MSD

Matrix: Solid

Analysis Batch: 167511

Client Sample ID: GFFC-2-SED

Prep Type: Total/NA

Prep Batch: 167432

Isotope Dilution	MSD		Limits
	%Recovery	Qualifier	
M2-6:2 FTS	93		25 - 150
13C3 PFBS	78		50 - 150
M2-8:2 FTS	92		25 - 150

Lab Sample ID: MB 200-167447/1-A

Matrix: Water

Analysis Batch: 167493

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 167447

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorobutanoic acid (PFBA)	1.055	J	5.00	0.89	ng/L		06/01/21 11:55	06/02/21 19:11	1
Perfluoropentanoic acid (PFPeA)	2.00	U	2.00	0.47	ng/L		06/01/21 11:55	06/02/21 19:11	1
Perfluorohexanoic acid (PFHxA)	0.501	J	2.00	0.45	ng/L		06/01/21 11:55	06/02/21 19:11	1
Perfluoroheptanoic acid (PFHpA)	0.358	J	2.00	0.24	ng/L		06/01/21 11:55	06/02/21 19:11	1
Perfluorooctanoic acid (PFOA)	2.00	U	2.00	0.42	ng/L		06/01/21 11:55	06/02/21 19:11	1
Perfluorononanoic acid (PFNA)	0.342	J	2.00	0.28	ng/L		06/01/21 11:55	06/02/21 19:11	1
Perfluorodecanoic acid (PFDA)	0.301	J	2.00	0.30	ng/L		06/01/21 11:55	06/02/21 19:11	1
Perfluoroundecanoic acid (PFUnA)	2.00	U	2.00	0.34	ng/L		06/01/21 11:55	06/02/21 19:11	1
Perfluorododecanoic acid (PFDoA)	0.444	J	2.00	0.39	ng/L		06/01/21 11:55	06/02/21 19:11	1
Perfluorotridecanoic acid (PFTriA)	2.00	U	2.00	0.43	ng/L		06/01/21 11:55	06/02/21 19:11	1
Perfluorotetradecanoic acid (PFTeA)	2.00	U	2.00	0.63	ng/L		06/01/21 11:55	06/02/21 19:11	1
Perfluorobutanesulfonic acid (PFBS)	0.460	J	2.00	0.25	ng/L		06/01/21 11:55	06/02/21 19:11	1
Perfluorohexanesulfonic acid (PFHxS)	0.343	J	2.00	0.30	ng/L		06/01/21 11:55	06/02/21 19:11	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.321	J	2.00	0.23	ng/L		06/01/21 11:55	06/02/21 19:11	1
Perfluorodecanesulfonic acid (PFDS)	2.00	U	2.00	0.31	ng/L		06/01/21 11:55	06/02/21 19:11	1
Perfluorooctanesulfonic acid (PFOS)	0.365	J	2.00	0.29	ng/L		06/01/21 11:55	06/02/21 19:11	1
Perfluorooctanesulfonamide (FOSA)	2.00	U	2.00	0.58	ng/L		06/01/21 11:55	06/02/21 19:11	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	5.00	U	5.00	0.90	ng/L		06/01/21 11:55	06/02/21 19:11	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	5.00	U	5.00	0.74	ng/L		06/01/21 11:55	06/02/21 19:11	1
6:2 FTS	5.00	U	5.00	1.10	ng/L		06/01/21 11:55	06/02/21 19:11	1
8:2 FTS	2.00	U	2.00	0.39	ng/L		06/01/21 11:55	06/02/21 19:11	1

Isotope Dilution	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C4 PFHpA	93		50 - 150	06/01/21 11:55	06/02/21 19:11	1
13C4 PFOA	98		50 - 150	06/01/21 11:55	06/02/21 19:11	1
13C5 PFNA	102		50 - 150	06/01/21 11:55	06/02/21 19:11	1
13C4 PFBA	94		25 - 150	06/01/21 11:55	06/02/21 19:11	1
13C2 PFHxA	97		50 - 150	06/01/21 11:55	06/02/21 19:11	1
13C2 PFDA	96		50 - 150	06/01/21 11:55	06/02/21 19:11	1
13C2 PFUnA	85		50 - 150	06/01/21 11:55	06/02/21 19:11	1
18O2 PFHxS	90		50 - 150	06/01/21 11:55	06/02/21 19:11	1
13C2 PFDoA	76		50 - 150	06/01/21 11:55	06/02/21 19:11	1
13C4 PFOS	86		50 - 150	06/01/21 11:55	06/02/21 19:11	1
13C8 FOSA	63		25 - 150	06/01/21 11:55	06/02/21 19:11	1
13C5 PFPeA	98		25 - 150	06/01/21 11:55	06/02/21 19:11	1
13C2 PFTeDA	71		50 - 150	06/01/21 11:55	06/02/21 19:11	1
d3-NMeFOSAA	103		50 - 150	06/01/21 11:55	06/02/21 19:11	1
d5-NEtFOSAA	98		50 - 150	06/01/21 11:55	06/02/21 19:11	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: MB 200-167447/1-A

Matrix: Water

Analysis Batch: 167493

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 167447

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
M2-6:2 FTS	92		25 - 150	06/01/21 11:55	06/02/21 19:11	1
13C3 PFBS	87		50 - 150	06/01/21 11:55	06/02/21 19:11	1
M2-8:2 FTS	106		25 - 150	06/01/21 11:55	06/02/21 19:11	1

Lab Sample ID: LCS 200-167447/2-A

Matrix: Water

Analysis Batch: 167493

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 167447

<i>Analyte</i>	<i>Spike Added</i>	<i>LCS Result</i>	<i>LCS Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>Limits</i>
Perfluorobutanoic acid (PFBA)	40.0	39.79		ng/L		99	50 - 150
Perfluoropentanoic acid (PFPeA)	40.0	41.30		ng/L		103	50 - 150
Perfluorohexanoic acid (PFHxA)	40.0	40.70		ng/L		102	70 - 130
Perfluoroheptanoic acid (PFHpA)	40.0	40.80		ng/L		102	70 - 130
Perfluorooctanoic acid (PFOA)	40.0	39.81		ng/L		100	70 - 130
Perfluorononanoic acid (PFNA)	40.0	41.67		ng/L		104	70 - 130
Perfluorodecanoic acid (PFDA)	40.0	39.17		ng/L		98	70 - 130
Perfluoroundecanoic acid (PFUnA)	40.0	42.85		ng/L		107	70 - 130
Perfluorododecanoic acid (PFDoA)	40.0	40.96		ng/L		102	70 - 130
Perfluorotridecanoic acid (PFTriA)	40.0	40.30		ng/L		101	70 - 130
Perfluorotetradecanoic acid (PFTeA)	40.0	37.64		ng/L		94	70 - 130
Perfluorobutanesulfonic acid (PFBS)	35.4	36.95		ng/L		105	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	36.4	36.49		ng/L		100	70 - 130
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	37.85		ng/L		99	50 - 150
Perfluorodecanesulfonic acid (PFDS)	38.6	34.24		ng/L		89	50 - 150
Perfluorooctanesulfonic acid (PFOS)	37.1	38.13		ng/L		103	70 - 130
Perfluorooctanesulfonamide (FOSA)	40.0	39.84		ng/L		100	50 - 150
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	35.11		ng/L		88	70 - 130
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	35.79		ng/L		89	70 - 130
6:2 FTS	37.9	45.11		ng/L		119	50 - 150
8:2 FTS	38.3	39.41		ng/L		103	50 - 150

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>
13C4 PFHpA	95		50 - 150
13C4 PFOA	98		50 - 150
13C5 PFNA	95		50 - 150
13C4 PFBA	96		25 - 150
13C2 PFHxA	99		50 - 150
13C2 PFDA	103		50 - 150
13C2 PFUnA	87		50 - 150
18O2 PFHxS	90		50 - 150

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 200-167447/2-A

Matrix: Water

Analysis Batch: 167493

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 167447

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C2 PFDoA	76		50 - 150
13C4 PFOS	90		50 - 150
13C8 FOSA	62		25 - 150
13C5 PFPeA	98		25 - 150
13C2 PFTeDA	76		50 - 150
d3-NMeFOSAA	111		50 - 150
d5-NEtFOSAA	101		50 - 150
M2-6:2 FTS	91		25 - 150
13C3 PFBS	88		50 - 150
M2-8:2 FTS	99		25 - 150

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-582228/1-A

Matrix: Water

Analysis Batch: 582721

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 582228

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	60.0	ug/L		05/24/21 10:55	05/25/21 15:23	1
Antimony	20.0	U	20.0	6.8	ug/L		05/24/21 10:55	05/25/21 15:23	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/24/21 10:55	05/25/21 15:23	1
Barium	2.0	U	2.0	0.70	ug/L		05/24/21 10:55	05/25/21 15:23	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/24/21 10:55	05/25/21 15:23	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/24/21 10:55	05/25/21 15:23	1
Calcium	500	U	500	100	ug/L		05/24/21 10:55	05/25/21 15:23	1
Chromium	4.0	U	4.0	1.0	ug/L		05/24/21 10:55	05/25/21 15:23	1
Cobalt	4.0	U	4.0	0.63	ug/L		05/24/21 10:55	05/25/21 15:23	1
Copper	10.0	U	10.0	1.6	ug/L		05/24/21 10:55	05/25/21 15:23	1
Iron	50.0	U	50.0	19.3	ug/L		05/24/21 10:55	05/25/21 15:23	1
Lead	10.0	U	10.0	3.0	ug/L		05/24/21 10:55	05/25/21 15:23	1
Magnesium	200	U	200	43.4	ug/L		05/24/21 10:55	05/25/21 15:23	1
Manganese	3.0	U	3.0	0.40	ug/L		05/24/21 10:55	05/25/21 15:23	1
Nickel	10.0	U	10.0	1.3	ug/L		05/24/21 10:55	05/25/21 15:23	1
Potassium	308.6	J	500	100	ug/L		05/24/21 10:55	05/25/21 15:23	1
Selenium	25.0	U	25.0	8.7	ug/L		05/24/21 10:55	05/25/21 15:23	1
Silver	6.0	U	6.0	1.7	ug/L		05/24/21 10:55	05/25/21 15:23	1
Sodium	1000	U	1000	324	ug/L		05/24/21 10:55	05/25/21 15:23	1
Thallium	20.0	U	20.0	10.2	ug/L		05/24/21 10:55	05/25/21 15:23	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/24/21 10:55	05/25/21 15:23	1
Zinc	10.0	U	10.0	1.5	ug/L		05/24/21 10:55	05/25/21 15:23	1

Lab Sample ID: LCS 480-582228/2-A

Matrix: Water

Analysis Batch: 582721

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 582228

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10000	10360		ug/L		104	80 - 120
Antimony	200	221.9		ug/L		111	80 - 120
Arsenic	200	209.3		ug/L		105	80 - 120

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

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

Lab Sample ID: LCS 480-582228/2-A

Matrix: Water

Analysis Batch: 582721

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 582228

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	200	221.4		ug/L		111	80 - 120
Beryllium	200	215.9		ug/L		108	80 - 120
Cadmium	200	208.6		ug/L		104	80 - 120
Calcium	10000	10550		ug/L		106	80 - 120
Chromium	200	203.7		ug/L		102	80 - 120
Cobalt	200	200.7		ug/L		100	80 - 120
Copper	200	208.3		ug/L		104	80 - 120
Iron	10000	10270		ug/L		103	80 - 120
Lead	200	207.1		ug/L		104	80 - 120
Magnesium	10000	10400		ug/L		104	80 - 120
Manganese	200	212.5		ug/L		106	80 - 120
Nickel	200	201.7		ug/L		101	80 - 120
Potassium	10000	9864		ug/L		99	80 - 120
Selenium	200	199.5		ug/L		100	80 - 120
Silver	50.0	51.05		ug/L		102	80 - 120
Sodium	10000	9838		ug/L		98	80 - 120
Thallium	200	211.3		ug/L		106	80 - 120
Vanadium	200	204.9		ug/L		102	80 - 120
Zinc	200	206.9		ug/L		103	80 - 120

Lab Sample ID: MB 480-582229/1-A

Matrix: Water

Analysis Batch: 582853

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 582229

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	60.0	ug/L		05/24/21 14:40	05/26/21 13:48	1
Antimony	20.0	U	20.0	6.8	ug/L		05/24/21 14:40	05/26/21 13:48	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/24/21 14:40	05/26/21 13:48	1
Barium	2.0	U	2.0	0.70	ug/L		05/24/21 14:40	05/26/21 13:48	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/24/21 14:40	05/26/21 13:48	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/24/21 14:40	05/26/21 13:48	1
Calcium	500	U	500	100	ug/L		05/24/21 14:40	05/26/21 13:48	1
Chromium	4.0	U	4.0	1.0	ug/L		05/24/21 14:40	05/26/21 13:48	1
Cobalt	4.0	U	4.0	0.63	ug/L		05/24/21 14:40	05/26/21 13:48	1
Copper	10.0	U	10.0	1.6	ug/L		05/24/21 14:40	05/26/21 13:48	1
Iron	25.63	J	50.0	19.3	ug/L		05/24/21 14:40	05/26/21 13:48	1
Lead	10.0	U	10.0	3.0	ug/L		05/24/21 14:40	05/26/21 13:48	1
Magnesium	200	U	200	43.4	ug/L		05/24/21 14:40	05/26/21 13:48	1
Manganese	3.0	U	3.0	0.40	ug/L		05/24/21 14:40	05/26/21 13:48	1
Nickel	10.0	U	10.0	1.3	ug/L		05/24/21 14:40	05/26/21 13:48	1
Potassium	500	U	500	100	ug/L		05/24/21 14:40	05/26/21 13:48	1
Selenium	25.0	U	25.0	8.7	ug/L		05/24/21 14:40	05/26/21 13:48	1
Silver	6.0	U	6.0	1.7	ug/L		05/24/21 14:40	05/26/21 13:48	1
Sodium	1000	U	1000	324	ug/L		05/24/21 14:40	05/26/21 13:48	1
Thallium	20.0	U	20.0	10.2	ug/L		05/24/21 14:40	05/26/21 13:48	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/24/21 14:40	05/26/21 13:48	1
Zinc	10.0	U	10.0	1.5	ug/L		05/24/21 14:40	05/26/21 13:48	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

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

Lab Sample ID: LCS 480-582229/2-A

Matrix: Water

Analysis Batch: 582853

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 582229

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10000	10310		ug/L		103	80 - 120
Antimony	200	210.9		ug/L		105	80 - 120
Arsenic	200	204.1		ug/L		102	80 - 120
Barium	200	224.7		ug/L		112	80 - 120
Beryllium	200	216.1		ug/L		108	80 - 120
Cadmium	200	199.1		ug/L		100	80 - 120
Calcium	10000	10430		ug/L		104	80 - 120
Chromium	200	203.4		ug/L		102	80 - 120
Cobalt	200	194.1		ug/L		97	80 - 120
Copper	200	202.3		ug/L		101	80 - 120
Iron	10000	10100		ug/L		101	80 - 120
Lead	200	202.1		ug/L		101	80 - 120
Magnesium	10000	9936		ug/L		99	80 - 120
Manganese	200	207.5		ug/L		104	80 - 120
Nickel	200	198.0		ug/L		99	80 - 120
Potassium	10000	10530		ug/L		105	80 - 120
Selenium	200	197.7		ug/L		99	80 - 120
Silver	50.0	50.99		ug/L		102	80 - 120
Sodium	10000	10510		ug/L		105	80 - 120
Thallium	200	202.5		ug/L		101	80 - 120
Vanadium	200	206.7		ug/L		103	80 - 120
Zinc	200	202.6		ug/L		101	80 - 120

Lab Sample ID: 480-184959-18 MS

Matrix: Water

Analysis Batch: 582853

Client Sample ID: MW-6

Prep Type: Total/NA

Prep Batch: 582229

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	200	U	10000	10490		ug/L		105	75 - 125
Antimony	20.0	U	200	216.4		ug/L		108	75 - 125
Arsenic	10.7	J	200	218.7		ug/L		104	75 - 125
Barium	25.4		200	251.5		ug/L		113	75 - 125
Beryllium	2.0	U	200	217.7		ug/L		109	75 - 125
Cadmium	2.0	U	200	208.1		ug/L		104	75 - 125
Calcium	74000		10000	85020	4	ug/L		110	75 - 125
Chromium	4.0	U	200	203.5		ug/L		102	75 - 125
Cobalt	19.6		200	221.2		ug/L		101	75 - 125
Copper	10.0	U	200	204.1		ug/L		102	75 - 125
Iron	100000	B	10000	109600	4	ug/L		94	75 - 125
Lead	5.8	J	200	207.8		ug/L		101	75 - 125
Magnesium	13700		10000	23660		ug/L		100	75 - 125
Manganese	920		200	1111	4	ug/L		95	75 - 125
Nickel	5.6	J	200	207.6		ug/L		101	75 - 125
Potassium	4910		10000	15860		ug/L		109	75 - 125
Selenium	25.0	U	200	202.7		ug/L		101	75 - 125
Silver	6.0	U	50.0	51.36		ug/L		103	75 - 125
Sodium	5260		10000	16070		ug/L		108	75 - 125
Thallium	20.0	U	200	205.5		ug/L		103	75 - 125
Vanadium	1.8	J	200	210.6		ug/L		104	75 - 125

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

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

Lab Sample ID: 480-184959-18 MS

Matrix: Water

Analysis Batch: 582853

Client Sample ID: MW-6

Prep Type: Total/NA

Prep Batch: 582229

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	10.0	U	200	199.6		ug/L		100	75 - 125

Lab Sample ID: 480-184959-18 MSD

Matrix: Water

Analysis Batch: 582853

Client Sample ID: MW-6

Prep Type: Total/NA

Prep Batch: 582229

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	200	U	10000	10530		ug/L		105	75 - 125	0	20
Antimony	20.0	U	200	213.6		ug/L		107	75 - 125	1	20
Arsenic	10.7	J	200	221.2		ug/L		105	75 - 125	1	20
Barium	25.4		200	250.7		ug/L		113	75 - 125	0	20
Beryllium	2.0	U	200	220.1		ug/L		110	75 - 125	1	20
Cadmium	2.0	U	200	206.4		ug/L		103	75 - 125	1	20
Calcium	74000		10000	86360	4	ug/L		123	75 - 125	2	20
Chromium	4.0	U	200	203.8		ug/L		102	75 - 125	0	20
Cobalt	19.6		200	220.1		ug/L		100	75 - 125	1	20
Copper	10.0	U	200	202.9		ug/L		101	75 - 125	1	20
Iron	100000	B	10000	110000	4	ug/L		98	75 - 125	0	20
Lead	5.8	J	200	206.9		ug/L		101	75 - 125	0	20
Magnesium	13700		10000	23670		ug/L		100	75 - 125	0	20
Manganese	920		200	1117	4	ug/L		98	75 - 125	1	20
Nickel	5.6	J	200	206.6		ug/L		101	75 - 125	0	20
Potassium	4910		10000	16010		ug/L		111	75 - 125	1	20
Selenium	25.0	U	200	202.3		ug/L		101	75 - 125	0	20
Silver	6.0	U	50.0	51.67		ug/L		103	75 - 125	1	20
Sodium	5260		10000	16140		ug/L		109	75 - 125	0	20
Thallium	20.0	U	200	203.1		ug/L		102	75 - 125	1	20
Vanadium	1.8	J	200	210.2		ug/L		104	75 - 125	0	20
Zinc	10.0	U	200	201.5		ug/L		101	75 - 125	1	20

Lab Sample ID: MB 480-582417/1-A

Matrix: Solid

Analysis Batch: 582717

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 582417

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9.6	U	9.6	4.2	mg/Kg		05/24/21 17:54	05/25/21 23:41	1
Antimony	14.4	U	14.4	0.38	mg/Kg		05/24/21 17:54	05/25/21 23:41	1
Arsenic	1.9	U	1.9	0.38	mg/Kg		05/24/21 17:54	05/25/21 23:41	1
Barium	0.48	U	0.48	0.11	mg/Kg		05/24/21 17:54	05/25/21 23:41	1
Beryllium	0.19	U	0.19	0.027	mg/Kg		05/24/21 17:54	05/25/21 23:41	1
Cadmium	0.19	U	0.19	0.029	mg/Kg		05/24/21 17:54	05/25/21 23:41	1
Calcium	47.8	U	47.8	3.2	mg/Kg		05/24/21 17:54	05/25/21 23:41	1
Chromium	0.48	U	0.48	0.19	mg/Kg		05/24/21 17:54	05/25/21 23:41	1
Cobalt	0.48	U	0.48	0.048	mg/Kg		05/24/21 17:54	05/25/21 23:41	1
Copper	0.96	U	0.96	0.20	mg/Kg		05/24/21 17:54	05/25/21 23:41	1
Iron	9.6	U	9.6	3.3	mg/Kg		05/24/21 17:54	05/25/21 23:41	1
Lead	0.96	U	0.96	0.23	mg/Kg		05/24/21 17:54	05/25/21 23:41	1
Magnesium	19.1	U	19.1	0.89	mg/Kg		05/24/21 17:54	05/25/21 23:41	1
Manganese	0.0574	J	0.19	0.031	mg/Kg		05/24/21 17:54	05/25/21 23:41	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

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

Lab Sample ID: MB 480-582417/1-A
Matrix: Solid
Analysis Batch: 582717

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 582417

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	4.8	U	4.8	0.22	mg/Kg		05/24/21 17:54	05/25/21 23:41	1
Potassium	28.7	U	28.7	19.1	mg/Kg		05/24/21 17:54	05/25/21 23:41	1
Selenium	3.8	U	3.8	0.38	mg/Kg		05/24/21 17:54	05/25/21 23:41	1
Silver	0.57	U	0.57	0.19	mg/Kg		05/24/21 17:54	05/25/21 23:41	1
Sodium	20.65	J	134	12.4	mg/Kg		05/24/21 17:54	05/25/21 23:41	1
Thallium	5.7	U	5.7	0.29	mg/Kg		05/24/21 17:54	05/25/21 23:41	1
Vanadium	0.48	U	0.48	0.11	mg/Kg		05/24/21 17:54	05/25/21 23:41	1
Zinc	1.9	U	1.9	0.61	mg/Kg		05/24/21 17:54	05/25/21 23:41	1

Lab Sample ID: LCSSRM 480-582417/2-A
Matrix: Solid
Analysis Batch: 582717

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 582417

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	8190	8456		mg/Kg		103.3	50.1 - 150.2
Antimony	110	89.06		mg/Kg		81.0	22.2 - 254.5
Arsenic	162	135.8		mg/Kg		83.8	70.4 - 130.2
Barium	138	128.7		mg/Kg		93.3	74.6 - 124.6
Beryllium	157	154.7		mg/Kg		98.5	75.2 - 125.5
Cadmium	135	134.4		mg/Kg		99.5	74.8 - 124.4
Calcium	4790	4439		mg/Kg		92.7	72.7 - 127.3
Chromium	117	113.2		mg/Kg		96.8	70.1 - 129.9
Cobalt	92.6	101.2		mg/Kg		109.3	75.1 - 125.3
Copper	143	122.1		mg/Kg		85.4	74.8 - 124.5
Iron	15100	11630		mg/Kg		77.0	37.2 - 162.9
Lead	77.6	71.06		mg/Kg		91.6	68.8 - 131.4
Magnesium	2320	2148		mg/Kg		92.6	62.1 - 137.9
Manganese	319	311.5		mg/Kg		97.6	74.9 - 125.1
Nickel	79.9	88.01		mg/Kg		110.1	70.0 - 130.2
Potassium	2050	1900		mg/Kg		92.7	59.5 - 141.0
Selenium	172	153.3		mg/Kg		89.1	68.0 - 132.6
Silver	24.7	20.35		mg/Kg		82.4	67.2 - 133.2
Sodium	137	150.7		mg/Kg		110.0	35.8 - 164.2
Thallium	88.0	93.97		mg/Kg		106.8	66.0 - 134.1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

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

Lab Sample ID: LCSSRM 480-582417/2-A
Matrix: Solid
Analysis Batch: 582717

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 582417

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Vanadium	99.9	92.77		mg/Kg		92.9	67.4 - 132.1
Zinc	312	279.4		mg/Kg		89.6	69.9 - 129.8

Lab Sample ID: MB 480-582797/1-A
Matrix: Water
Analysis Batch: 583177

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 582797

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	60.0	ug/L		05/26/21 17:25	05/27/21 19:53	1
Antimony	20.0	U	20.0	6.8	ug/L		05/26/21 17:25	05/27/21 19:53	1
Arsenic	15.0	U	15.0	5.6	ug/L		05/26/21 17:25	05/27/21 19:53	1
Barium	2.0	U	2.0	0.70	ug/L		05/26/21 17:25	05/27/21 19:53	1
Beryllium	2.0	U	2.0	0.30	ug/L		05/26/21 17:25	05/27/21 19:53	1
Cadmium	2.0	U	2.0	0.50	ug/L		05/26/21 17:25	05/27/21 19:53	1
Calcium	500	U	500	100	ug/L		05/26/21 17:25	05/27/21 19:53	1
Chromium	4.0	U	4.0	1.0	ug/L		05/26/21 17:25	05/27/21 19:53	1
Cobalt	4.0	U	4.0	0.63	ug/L		05/26/21 17:25	05/27/21 19:53	1
Copper	10.0	U	10.0	1.6	ug/L		05/26/21 17:25	05/27/21 19:53	1
Iron	25.05	J	50.0	19.3	ug/L		05/26/21 17:25	05/27/21 19:53	1
Lead	10.0	U	10.0	3.0	ug/L		05/26/21 17:25	05/27/21 19:53	1
Magnesium	200	U	200	43.4	ug/L		05/26/21 17:25	05/27/21 19:53	1
Manganese	0.470	J	3.0	0.40	ug/L		05/26/21 17:25	05/27/21 19:53	1
Nickel	10.0	U	10.0	1.3	ug/L		05/26/21 17:25	05/27/21 19:53	1
Potassium	500	U	500	100	ug/L		05/26/21 17:25	05/27/21 19:53	1
Selenium	25.0	U	25.0	8.7	ug/L		05/26/21 17:25	05/27/21 19:53	1
Silver	6.0	U	6.0	1.7	ug/L		05/26/21 17:25	05/27/21 19:53	1
Sodium	1000	U	1000	324	ug/L		05/26/21 17:25	05/27/21 19:53	1
Thallium	20.0	U	20.0	10.2	ug/L		05/26/21 17:25	05/27/21 19:53	1
Vanadium	5.0	U	5.0	1.5	ug/L		05/26/21 17:25	05/27/21 19:53	1
Zinc	10.0	U	10.0	1.5	ug/L		05/26/21 17:25	05/27/21 19:53	1

Lab Sample ID: LCS 480-582797/2-A
Matrix: Water
Analysis Batch: 583177

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 582797

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10000	10130		ug/L		101	80 - 120
Antimony	200	212.4		ug/L		106	80 - 120
Arsenic	200	199.3		ug/L		100	80 - 120
Barium	200	216.2		ug/L		108	80 - 120
Beryllium	200	197.4		ug/L		99	80 - 120
Cadmium	200	200.1		ug/L		100	80 - 120
Calcium	10000	9997		ug/L		100	80 - 120
Chromium	200	197.6		ug/L		99	80 - 120
Cobalt	200	194.9		ug/L		97	80 - 120
Copper	200	200.2		ug/L		100	80 - 120
Iron	10000	9782		ug/L		98	80 - 120
Lead	200	200.2		ug/L		100	80 - 120

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

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

Lab Sample ID: LCS 480-582797/2-A
Matrix: Water
Analysis Batch: 583177

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 582797

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Magnesium	10000	9939		ug/L		99	80 - 120
Manganese	200	204.0		ug/L		102	80 - 120
Nickel	200	195.7		ug/L		98	80 - 120
Potassium	10000	9412		ug/L		94	80 - 120
Selenium	200	197.6		ug/L		99	80 - 120
Silver	50.0	51.18		ug/L		102	80 - 120
Sodium	10000	8897		ug/L		89	80 - 120
Thallium	200	206.3		ug/L		103	80 - 120
Vanadium	200	197.6		ug/L		99	80 - 120
Zinc	200	194.3		ug/L		97	80 - 120

Lab Sample ID: 480-185032-8 MS
Matrix: Water
Analysis Batch: 583177

Client Sample ID: GFFC-2-SW
Prep Type: Total/NA
Prep Batch: 582797

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	126	J	10000	10330		ug/L		102	75 - 125
Antimony	20.0	U	200	214.8		ug/L		107	75 - 125
Arsenic	15.0	U	200	204.2		ug/L		102	75 - 125
Barium	7.8		200	221.1		ug/L		107	75 - 125
Beryllium	2.0	U	200	198.6		ug/L		99	75 - 125
Cadmium	2.0	U	200	201.0		ug/L		100	75 - 125
Calcium	9190		10000	19260		ug/L		101	75 - 125
Chromium	2.9	J	200	195.5		ug/L		96	75 - 125
Cobalt	4.0	U	200	197.0		ug/L		99	75 - 125
Copper	10.0	U	200	201.2		ug/L		101	75 - 125
Iron	252	B	10000	10080		ug/L		98	75 - 125
Lead	10.0	U	200	202.3		ug/L		101	75 - 125
Magnesium	1580		10000	11480		ug/L		99	75 - 125
Manganese	20.4	B	200	223.7		ug/L		102	75 - 125
Nickel	10.0	U	200	198.2		ug/L		99	75 - 125
Potassium	322	J	10000	10010		ug/L		97	75 - 125
Selenium	25.0	U	200	201.2		ug/L		101	75 - 125
Silver	6.0	U	50.0	50.64		ug/L		101	75 - 125
Sodium	9520		10000	18870		ug/L		93	75 - 125
Thallium	20.0	U	200	206.6		ug/L		103	75 - 125
Vanadium	5.0	U	200	196.9		ug/L		98	75 - 125
Zinc	2.4	J	200	199.2		ug/L		98	75 - 125

Lab Sample ID: 480-185032-8 MSD
Matrix: Water
Analysis Batch: 583177

Client Sample ID: GFFC-2-SW
Prep Type: Total/NA
Prep Batch: 582797

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	126	J	10000	10420		ug/L		103	75 - 125	1	20
Antimony	20.0	U	200	215.5		ug/L		108	75 - 125	0	20
Arsenic	15.0	U	200	203.0		ug/L		102	75 - 125	1	20
Barium	7.8		200	220.4		ug/L		106	75 - 125	0	20
Beryllium	2.0	U	200	198.0		ug/L		99	75 - 125	0	20

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

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

Lab Sample ID: 480-185032-8 MSD

Matrix: Water

Analysis Batch: 583177

Client Sample ID: GFFC-2-SW

Prep Type: Total/NA

Prep Batch: 582797

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cadmium	2.0	U	200	201.9		ug/L		101	75 - 125	0	20
Calcium	9190		10000	19290		ug/L		101	75 - 125	0	20
Chromium	2.9	J	200	194.6		ug/L		96	75 - 125	0	20
Cobalt	4.0	U	200	197.2		ug/L		99	75 - 125	0	20
Copper	10.0	U	200	201.0		ug/L		101	75 - 125	0	20
Iron	252	B	10000	10100		ug/L		99	75 - 125	0	20
Lead	10.0	U	200	203.3		ug/L		102	75 - 125	0	20
Magnesium	1580		10000	11420		ug/L		98	75 - 125	0	20
Manganese	20.4	B	200	222.8		ug/L		101	75 - 125	0	20
Nickel	10.0	U	200	198.0		ug/L		99	75 - 125	0	20
Potassium	322	J	10000	9970		ug/L		96	75 - 125	0	20
Selenium	25.0	U	200	197.2		ug/L		99	75 - 125	2	20
Silver	6.0	U	50.0	50.39		ug/L		101	75 - 125	0	20
Sodium	9520		10000	18560		ug/L		90	75 - 125	2	20
Thallium	20.0	U	200	205.2		ug/L		103	75 - 125	1	20
Vanadium	5.0	U	200	195.2		ug/L		98	75 - 125	1	20
Zinc	2.4	J	200	198.1		ug/L		98	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-582432/1-A

Matrix: Water

Analysis Batch: 582634

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 582432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 16:52	1

Lab Sample ID: LCS 480-582432/2-A

Matrix: Water

Analysis Batch: 582634

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 582432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	6.67	6.68		ug/L		100	80 - 120

Lab Sample ID: 480-184959-18 MS

Matrix: Water

Analysis Batch: 582634

Client Sample ID: MW-6

Prep Type: Total/NA

Prep Batch: 582432

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.20	U	6.67	6.70		ug/L		100	80 - 120

Lab Sample ID: 480-184959-18 MSD

Matrix: Water

Analysis Batch: 582634

Client Sample ID: MW-6

Prep Type: Total/NA

Prep Batch: 582432

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.20	U	6.67	6.70		ug/L		100	80 - 120	0	20

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QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

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

Lab Sample ID: MB 480-582433/1-A
Matrix: Water
Analysis Batch: 582634

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 582433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 17:29	1

Lab Sample ID: LCS 480-582433/2-A
Matrix: Water
Analysis Batch: 582634

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 582433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	6.67	6.67		ug/L		100	80 - 120

Lab Sample ID: MB 480-582434/1-A
Matrix: Water
Analysis Batch: 582634

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 582434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/25/21 13:34	05/25/21 18:10	1

Lab Sample ID: LCS 480-582434/2-A
Matrix: Water
Analysis Batch: 582634

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 582434

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	6.67	6.73		ug/L		101	80 - 120

Lab Sample ID: MB 480-582747/1-A
Matrix: Water
Analysis Batch: 582831

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 582747

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/26/21 13:46	05/26/21 16:40	1

Lab Sample ID: LCS 480-582747/2-A
Matrix: Water
Analysis Batch: 582831

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 582747

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	6.67	6.98		ug/L		105	80 - 120

Lab Sample ID: MB 480-583008/1-A
Matrix: Water
Analysis Batch: 583093

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 583008

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		05/27/21 13:55	05/27/21 17:04	1

Lab Sample ID: LCS 480-583008/2-A
Matrix: Water
Analysis Batch: 583093

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 583008

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	6.67	6.85		ug/L		103	80 - 120

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QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: 480-185032-21 MS

Matrix: Water

Analysis Batch: 583093

Client Sample ID: MW-14B

Prep Type: Total/NA

Prep Batch: 583008

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.20	U	6.67	6.68		ug/L		100	80 - 120

Lab Sample ID: 480-185032-21 MSD

Matrix: Water

Analysis Batch: 583093

Client Sample ID: MW-14B

Prep Type: Total/NA

Prep Batch: 583008

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.20	U	6.67	6.70		ug/L		100	80 - 120	0	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-582628/1-A

Matrix: Solid

Analysis Batch: 582846

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 582628

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020	U	0.020	0.0082	mg/Kg		05/26/21 15:55	05/26/21 19:08	1

Lab Sample ID: LCSSRM 480-582628/2-A ^10

Matrix: Solid

Analysis Batch: 582846

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 582628

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	27.2	23.91		mg/Kg		87.9	59.9 - 140.1

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: MB 480-583278/52

Matrix: Water

Analysis Batch: 583278

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.0	U	1.0	0.43	mg/L			05/27/21 14:13	1

Lab Sample ID: LCS 480-583278/53

Matrix: Water

Analysis Batch: 583278

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	60.0	60.37		mg/L		101	90 - 110

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

Lab Sample ID: MB 480-582005/1

Matrix: Water

Analysis Batch: 582005

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	10.0	U	10.0	4.0	mg/L			05/21/21 09:12	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

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

Lab Sample ID: LCS 480-582005/2

Matrix: Water

Analysis Batch: 582005

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	508	483.0		mg/L		95	85 - 115

Lab Sample ID: MB 480-582077/1

Matrix: Water

Analysis Batch: 582077

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	10.0	U	10.0	4.0	mg/L			05/21/21 13:35	1

Lab Sample ID: LCS 480-582077/2

Matrix: Water

Analysis Batch: 582077

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	508	495.0		mg/L		97	85 - 115

Lab Sample ID: 480-184959-1 DU

Matrix: Water

Analysis Batch: 582077

Client Sample ID: EW-1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1510		1510		mg/L		0	10

Lab Sample ID: 480-184959-22 DU

Matrix: Water

Analysis Batch: 582077

Client Sample ID: MW-1D

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	212		216.0		mg/L		2	10

Lab Sample ID: MB 480-582547/1

Matrix: Water

Analysis Batch: 582547

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	10.0	U	10.0	4.0	mg/L			05/25/21 10:57	1

Lab Sample ID: LCS 480-582547/2

Matrix: Water

Analysis Batch: 582547

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	508	485.0		mg/L		96	85 - 115

QC Sample Results

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 480-582066/1
Matrix: Water
Analysis Batch: 582066

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	4.0	U	4.0	4.0	mg/L			05/21/21 12:50	1

Lab Sample ID: LCS 480-582066/2
Matrix: Water
Analysis Batch: 582066

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	272	255.2		mg/L		94	88 - 110

Lab Sample ID: MB 480-582197/1
Matrix: Water
Analysis Batch: 582197

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	1.0	U	1.0	1.0	mg/L			05/22/21 16:46	1

Lab Sample ID: LCS 480-582197/2
Matrix: Water
Analysis Batch: 582197

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	1700	1703		mg/L		100	88 - 110

Lab Sample ID: MB 480-582198/1
Matrix: Water
Analysis Batch: 582198

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	1.0	U	1.0	1.0	mg/L			05/22/21 16:47	1

Lab Sample ID: LCS 480-582198/2
Matrix: Water
Analysis Batch: 582198

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	1850	1822		mg/L		98	88 - 110

QC Association Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

GC/MS VOA

Analysis Batch: 581769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184888-1	MW-8	Total/NA	Water	8260C	
480-184888-3	MW-12A	Total/NA	Water	8260C	
480-184888-4	MW-13A	Total/NA	Water	8260C	
480-184888-5	MW-12B	Total/NA	Water	8260C	
480-184888-6	MW-13B	Total/NA	Water	8260C	
480-184888-7	MW-15	Total/NA	Water	8260C	
MB 480-581769/7	Method Blank	Total/NA	Water	8260C	
LCS 480-581769/5	Lab Control Sample	Total/NA	Water	8260C	

Prep Batch: 581934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-11	PPE-SED	Total/NA	Solid	5035A_L	
480-184959-12	CELL 3	Total/NA	Solid	5035A_L	
480-184959-13	CELL 2	Total/NA	Solid	5035A_L	
480-184959-14	CELL 1	Total/NA	Solid	5035A_L	
480-184959-16	PPI-SED	Total/NA	Solid	5035A_L	
480-184959-23	DUP-SED	Total/NA	Solid	5035A_L	
MB 480-581934/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-581934/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	
480-184959-23 MS	DUP-SED	Total/NA	Solid	5035A_L	
480-184959-23 MSD	DUP-SED	Total/NA	Solid	5035A_L	

Analysis Batch: 581938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-11	PPE-SED	Total/NA	Solid	8260C	581934
480-184959-12	CELL 3	Total/NA	Solid	8260C	581934
480-184959-13	CELL 2	Total/NA	Solid	8260C	581934
480-184959-14	CELL 1	Total/NA	Solid	8260C	581934
480-184959-16	PPI-SED	Total/NA	Solid	8260C	581934
480-184959-23	DUP-SED	Total/NA	Solid	8260C	581934
MB 480-581934/2-A	Method Blank	Total/NA	Solid	8260C	581934
LCS 480-581934/1-A	Lab Control Sample	Total/NA	Solid	8260C	581934
480-184959-23 MS	DUP-SED	Total/NA	Solid	8260C	581934
480-184959-23 MSD	DUP-SED	Total/NA	Solid	8260C	581934

Analysis Batch: 581985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184888-2	MW-9	Total/NA	Water	8260C	
MB 480-581985/7	Method Blank	Total/NA	Water	8260C	
LCS 480-581985/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 582386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-2	EW-2	Total/NA	Water	8260C	
480-184959-3	EW-3	Total/NA	Water	8260C	
480-184959-5	INFLUENT	Total/NA	Water	8260C	
480-184959-6	CCT	Total/NA	Water	8260C	
480-184959-7	CELL 3 BYPASS	Total/NA	Water	8260C	
480-184959-9	CELL 1 EFFLUENT	Total/NA	Water	8260C	
480-184959-10	PPE	Total/NA	Water	8260C	
480-184959-15	PPI	Total/NA	Water	8260C	

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QC Association Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

GC/MS VOA (Continued)

Analysis Batch: 582386 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-17	TRIP BLANK-1	Total/NA	Water	8260C	
480-184959-18	MW-6	Total/NA	Water	8260C	
480-184959-19	MW-6A	Total/NA	Water	8260C	
480-184959-20	MW-6B	Total/NA	Water	8260C	
MB 480-582386/8	Method Blank	Total/NA	Water	8260C	
LCS 480-582386/6	Lab Control Sample	Total/NA	Water	8260C	
480-184959-18 MS	MW-6	Total/NA	Water	8260C	
480-184959-18 MSD	MW-6	Total/NA	Water	8260C	

Prep Batch: 582411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185032-5	Unnamed Pond-SED	Total/NA	Solid	5035A_L	
MB 480-582411/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-582411/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	
480-185032-5 MS	Unnamed Pond-SED	Total/NA	Solid	5035A_L	
480-185032-5 MSD	Unnamed Pond-SED	Total/NA	Solid	5035A_L	

Analysis Batch: 582413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185032-5	Unnamed Pond-SED	Total/NA	Solid	8260C	582411
MB 480-582411/2-A	Method Blank	Total/NA	Solid	8260C	582411
LCS 480-582411/1-A	Lab Control Sample	Total/NA	Solid	8260C	582411
480-185032-5 MS	Unnamed Pond-SED	Total/NA	Solid	8260C	582411
480-185032-5 MSD	Unnamed Pond-SED	Total/NA	Solid	8260C	582411

Analysis Batch: 582472

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-1	EW-1	Total/NA	Water	8260C	
480-184959-4	EW-4	Total/NA	Water	8260C	
480-184959-8	CELL 2 EFFLUENT	Total/NA	Water	8260C	
MB 480-582472/7	Method Blank	Total/NA	Water	8260C	
LCS 480-582472/5	Lab Control Sample	Total/NA	Water	8260C	

Prep Batch: 582616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185032-7	GFFC-1-SED	Total/NA	Solid	5035A_L	
480-185032-9	GFFC-2-SED	Total/NA	Solid	5035A_L	
480-185032-11	GFFC-3-SED	Total/NA	Solid	5035A_L	
MB 480-582616/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-582616/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

Analysis Batch: 582620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185032-7	GFFC-1-SED	Total/NA	Solid	8260C	582616
480-185032-9	GFFC-2-SED	Total/NA	Solid	8260C	582616
480-185032-11	GFFC-3-SED	Total/NA	Solid	8260C	582616
MB 480-582616/2-A	Method Blank	Total/NA	Solid	8260C	582616
LCS 480-582616/1-A	Lab Control Sample	Total/NA	Solid	8260C	582616

QC Association Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

GC/MS VOA

Analysis Batch: 582665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-21	MW-7	Total/NA	Water	8260C	
480-184959-22	MW-1D	Total/NA	Water	8260C	
480-184959-24	DUP-SW	Total/NA	Water	8260C	
MB 480-582665/7	Method Blank	Total/NA	Water	8260C	
LCS 480-582665/31	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 582668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185032-1	MW-5	Total/NA	Water	8260C	
480-185032-2	MW-11	Total/NA	Water	8260C	
480-185032-3	MW-16	Total/NA	Water	8260C	
480-185032-4	Unnamed Pond-SW	Total/NA	Water	8260C	
480-185032-6	GFFC-1-SW	Total/NA	Water	8260C	
480-185032-8	GFFC-2-SW	Total/NA	Water	8260C	
480-185032-10	GFFC-3-SW	Total/NA	Water	8260C	
480-185032-13	MW-1	Total/NA	Water	8260C	
480-185032-14	MW-2A	Total/NA	Water	8260C	
480-185032-15	MW-1A	Total/NA	Water	8260C	
480-185032-16	DUP-MW	Total/NA	Water	8260C	
480-185032-17	MW-2	Total/NA	Water	8260C	
480-185032-20	MW-14A	Total/NA	Water	8260C	
480-185032-21	MW-14B	Total/NA	Water	8260C	
480-185032-22	MW-17	Total/NA	Water	8260C	
MB 480-582668/7	Method Blank	Total/NA	Water	8260C	
LCS 480-582668/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 582671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185032-12	Trip Blank-3	Total/NA	Water	8260C	
480-185032-18	EB-1	Total/NA	Water	8260C	
480-185032-19	FB-1	Total/NA	Water	8260C	
480-185032-23	Trip Blank	Total/NA	Water	8260C	
MB 480-582671/7	Method Blank	Total/NA	Water	8260C	
LCS 480-582671/5	Lab Control Sample	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 581773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184888-1	MW-8	Total/NA	Water	3510C	
480-184888-2	MW-9	Total/NA	Water	3510C	
480-184888-3	MW-12A	Total/NA	Water	3510C	
480-184888-4	MW-13A	Total/NA	Water	3510C	
480-184888-5	MW-12B	Total/NA	Water	3510C	
480-184888-6	MW-13B	Total/NA	Water	3510C	
480-184888-7	MW-15	Total/NA	Water	3510C	
MB 480-581773/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-581773/2-A	Lab Control Sample	Total/NA	Water	3510C	

QC Association Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

GC/MS Semi VOA

Prep Batch: 581896

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-1	EW-1	Total/NA	Water	3510C	
480-184959-2	EW-2	Total/NA	Water	3510C	
480-184959-3	EW-3	Total/NA	Water	3510C	
480-184959-4	EW-4	Total/NA	Water	3510C	
480-184959-5	INFLUENT	Total/NA	Water	3510C	
480-184959-6	CCT	Total/NA	Water	3510C	
480-184959-7	CELL 3 BYPASS	Total/NA	Water	3510C	
480-184959-8	CELL 2 EFFLUENT	Total/NA	Water	3510C	
480-184959-9	CELL 1 EFFLUENT	Total/NA	Water	3510C	
480-184959-10	PPE	Total/NA	Water	3510C	
480-184959-15	PPI	Total/NA	Water	3510C	
480-184959-18	MW-6	Total/NA	Water	3510C	
MB 480-581896/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-581896/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-184959-18 MS	MW-6	Total/NA	Water	3510C	
480-184959-18 MSD	MW-6	Total/NA	Water	3510C	

Prep Batch: 581900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-19	MW-6A	Total/NA	Water	3510C	
480-184959-20	MW-6B	Total/NA	Water	3510C	
480-184959-21	MW-7	Total/NA	Water	3510C	
480-184959-22	MW-1D	Total/NA	Water	3510C	
480-184959-24	DUP-SW	Total/NA	Water	3510C	
MB 480-581900/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-581900/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-581900/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 582073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184888-1	MW-8	Total/NA	Water	8270D SIM ID	581773
480-184888-2	MW-9	Total/NA	Water	8270D SIM ID	581773
480-184888-4	MW-13A	Total/NA	Water	8270D SIM ID	581773
480-184888-6	MW-13B	Total/NA	Water	8270D SIM ID	581773
480-184888-7	MW-15	Total/NA	Water	8270D SIM ID	581773
MB 480-581773/1-A	Method Blank	Total/NA	Water	8270D SIM ID	581773
LCS 480-581773/2-A	Lab Control Sample	Total/NA	Water	8270D SIM ID	581773

Analysis Batch: 582076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-581900/1-A	Method Blank	Total/NA	Water	8270D SIM ID	581900
LCS 480-581900/2-A	Lab Control Sample	Total/NA	Water	8270D SIM ID	581900
LCSD 480-581900/3-A	Lab Control Sample Dup	Total/NA	Water	8270D SIM ID	581900

Prep Batch: 582291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185032-1	MW-5	Total/NA	Water	3510C	
480-185032-2	MW-11	Total/NA	Water	3510C	
480-185032-3	MW-16	Total/NA	Water	3510C	
480-185032-4	Unnamed Pond-SW	Total/NA	Water	3510C	
480-185032-6	GFCC-1-SW	Total/NA	Water	3510C	

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QC Association Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

GC/MS Semi VOA (Continued)

Prep Batch: 582291 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185032-8	GFCC-2-SW	Total/NA	Water	3510C	
480-185032-10	GFCC-3-SW	Total/NA	Water	3510C	
480-185032-13	MW-1	Total/NA	Water	3510C	
480-185032-14	MW-2A	Total/NA	Water	3510C	
480-185032-15	MW-1A	Total/NA	Water	3510C	
480-185032-16	DUP-MW	Total/NA	Water	3510C	
480-185032-17	MW-2	Total/NA	Water	3510C	
480-185032-18	EB-1	Total/NA	Water	3510C	
480-185032-19	FB-1	Total/NA	Water	3510C	
480-185032-20	MW-14A	Total/NA	Water	3510C	
480-185032-21	MW-14B	Total/NA	Water	3510C	
480-185032-22	MW-17	Total/NA	Water	3510C	
MB 480-582291/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-582291/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-582291/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 582351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184888-3	MW-12A	Total/NA	Water	8270D SIM ID	581773
480-184888-5	MW-12B	Total/NA	Water	8270D SIM ID	581773
480-184959-4	EW-4	Total/NA	Water	8270D SIM ID	581896
480-184959-5	INFLUENT	Total/NA	Water	8270D SIM ID	581896
480-184959-6	CCT	Total/NA	Water	8270D SIM ID	581896
480-184959-18	MW-6	Total/NA	Water	8270D SIM ID	581896
480-184959-19	MW-6A	Total/NA	Water	8270D SIM ID	581900
480-184959-20	MW-6B	Total/NA	Water	8270D SIM ID	581900
480-184959-21	MW-7	Total/NA	Water	8270D SIM ID	581900
480-184959-22	MW-1D	Total/NA	Water	8270D SIM ID	581900
480-184959-24	DUP-SW	Total/NA	Water	8270D SIM ID	581900
MB 480-581896/1-A	Method Blank	Total/NA	Water	8270D SIM ID	581896
LCS 480-581896/2-A	Lab Control Sample	Total/NA	Water	8270D SIM ID	581896
480-184959-18 MS	MW-6	Total/NA	Water	8270D SIM ID	581896
480-184959-18 MSD	MW-6	Total/NA	Water	8270D SIM ID	581896

Analysis Batch: 582352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-7	CELL 3 BYPASS	Total/NA	Water	8270D SIM ID	581896
480-184959-8	CELL 2 EFFLUENT	Total/NA	Water	8270D SIM ID	581896
480-184959-9	CELL 1 EFFLUENT	Total/NA	Water	8270D SIM ID	581896
480-184959-10	PPE	Total/NA	Water	8270D SIM ID	581896
480-184959-15	PPI	Total/NA	Water	8270D SIM ID	581896

Analysis Batch: 582615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-2	EW-2	Total/NA	Water	8270D SIM ID	581896
480-184959-3	EW-3	Total/NA	Water	8270D SIM ID	581896

Analysis Batch: 582807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-1	EW-1	Total/NA	Water	8270D SIM ID	581896
480-185032-2	MW-11	Total/NA	Water	8270D SIM ID	582291

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QC Association Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

GC/MS Semi VOA (Continued)

Analysis Batch: 582807 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185032-3	MW-16	Total/NA	Water	8270D SIM ID	582291
480-185032-4	Unnamed Pond-SW	Total/NA	Water	8270D SIM ID	582291
480-185032-6	GFFC-1-SW	Total/NA	Water	8270D SIM ID	582291
480-185032-8	GFFC-2-SW	Total/NA	Water	8270D SIM ID	582291
480-185032-10	GFFC-3-SW	Total/NA	Water	8270D SIM ID	582291
480-185032-13	MW-1	Total/NA	Water	8270D SIM ID	582291
480-185032-14	MW-2A	Total/NA	Water	8270D SIM ID	582291
480-185032-15	MW-1A	Total/NA	Water	8270D SIM ID	582291
480-185032-16	DUP-MW	Total/NA	Water	8270D SIM ID	582291
480-185032-17	MW-2	Total/NA	Water	8270D SIM ID	582291
480-185032-18	EB-1	Total/NA	Water	8270D SIM ID	582291
480-185032-19	FB-1	Total/NA	Water	8270D SIM ID	582291
480-185032-20	MW-14A	Total/NA	Water	8270D SIM ID	582291
480-185032-21	MW-14B	Total/NA	Water	8270D SIM ID	582291
MB 480-582291/1-A	Method Blank	Total/NA	Water	8270D SIM ID	582291
LCS 480-582291/2-A	Lab Control Sample	Total/NA	Water	8270D SIM ID	582291
LCSD 480-582291/3-A	Lab Control Sample Dup	Total/NA	Water	8270D SIM ID	582291

Analysis Batch: 582988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185032-1	MW-5	Total/NA	Water	8270D SIM ID	582291
480-185032-22	MW-17	Total/NA	Water	8270D SIM ID	582291

GC Semi VOA

Prep Batch: 581775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184888-1	MW-8	Total/NA	Water	3510C	
480-184888-2	MW-9	Total/NA	Water	3510C	
480-184888-3	MW-12A	Total/NA	Water	3510C	
480-184888-4	MW-13A	Total/NA	Water	3510C	
480-184888-5	MW-12B	Total/NA	Water	3510C	
480-184888-6	MW-13B	Total/NA	Water	3510C	
480-184888-7	MW-15	Total/NA	Water	3510C	
MB 480-581775/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-581775/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 582011

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184888-1	MW-8	Total/NA	Water	8082A	581775
480-184888-2	MW-9	Total/NA	Water	8082A	581775
480-184888-3	MW-12A	Total/NA	Water	8082A	581775
480-184888-4	MW-13A	Total/NA	Water	8082A	581775
480-184888-5	MW-12B	Total/NA	Water	8082A	581775
480-184888-6	MW-13B	Total/NA	Water	8082A	581775
480-184888-7	MW-15	Total/NA	Water	8082A	581775
MB 480-581775/1-A	Method Blank	Total/NA	Water	8082A	581775
LCS 480-581775/2-A	Lab Control Sample	Total/NA	Water	8082A	581775

QC Association Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

GC Semi VOA

Prep Batch: 582659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185032-5	Unnamed Pond-SED	Total/NA	Solid	3550C	
480-185032-7	GFFC-1-SED	Total/NA	Solid	3550C	
480-185032-9	GFFC-2-SED	Total/NA	Solid	3550C	
480-185032-11	GFFC-3-SED	Total/NA	Solid	3550C	
MB 480-582659/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-582659/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Prep Batch: 582777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-1	EW-1	Total/NA	Water	3510C	
480-184959-2	EW-2	Total/NA	Water	3510C	
480-184959-3	EW-3	Total/NA	Water	3510C	
480-184959-4	EW-4	Total/NA	Water	3510C	
480-184959-5	INFLUENT	Total/NA	Water	3510C	
480-184959-6	CCT	Total/NA	Water	3510C	
480-184959-7	CELL 3 BYPASS	Total/NA	Water	3510C	
480-184959-8	CELL 2 EFFLUENT	Total/NA	Water	3510C	
480-184959-9	CELL 1 EFFLUENT	Total/NA	Water	3510C	
480-184959-10	PPE	Total/NA	Water	3510C	
480-184959-15	PPI	Total/NA	Water	3510C	
480-184959-18	MW-6	Total/NA	Water	3510C	
480-184959-19	MW-6A	Total/NA	Water	3510C	
480-184959-20	MW-6B	Total/NA	Water	3510C	
480-184959-21	MW-7	Total/NA	Water	3510C	
480-184959-22	MW-1D	Total/NA	Water	3510C	
480-184959-24	DUP-SW	Total/NA	Water	3510C	
MB 480-582777/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-582777/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-184959-18 MS	MW-6	Total/NA	Water	3510C	
480-184959-18 MSD	MW-6	Total/NA	Water	3510C	

Analysis Batch: 582847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185032-5	Unnamed Pond-SED	Total/NA	Solid	8082A	582659
480-185032-7	GFFC-1-SED	Total/NA	Solid	8082A	582659
480-185032-9	GFFC-2-SED	Total/NA	Solid	8082A	582659
480-185032-11	GFFC-3-SED	Total/NA	Solid	8082A	582659
MB 480-582659/1-A	Method Blank	Total/NA	Solid	8082A	582659
LCS 480-582659/2-A	Lab Control Sample	Total/NA	Solid	8082A	582659

Prep Batch: 582929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-11	PPE-SED	Total/NA	Solid	3550C	
480-184959-12	CELL 3	Total/NA	Solid	3550C	
480-184959-13	CELL 2	Total/NA	Solid	3550C	
480-184959-14	CELL 1	Total/NA	Solid	3550C	
480-184959-16	PPI-SED	Total/NA	Solid	3550C	
480-184959-23	DUP-SED	Total/NA	Solid	3550C	
MB 480-582929/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-582929/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

GC Semi VOA

Analysis Batch: 582975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-11	PPE-SED	Total/NA	Solid	8082A	582929
480-184959-12	CELL 3	Total/NA	Solid	8082A	582929
480-184959-13	CELL 2	Total/NA	Solid	8082A	582929
480-184959-14	CELL 1	Total/NA	Solid	8082A	582929
480-184959-16	PPI-SED	Total/NA	Solid	8082A	582929
480-184959-23	DUP-SED	Total/NA	Solid	8082A	582929
MB 480-582929/1-A	Method Blank	Total/NA	Solid	8082A	582929

Analysis Batch: 582977

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-2	EW-2	Total/NA	Water	8082A	582777
480-184959-3	EW-3	Total/NA	Water	8082A	582777
480-184959-4	EW-4	Total/NA	Water	8082A	582777
480-184959-5	INFLUENT	Total/NA	Water	8082A	582777
480-184959-6	CCT	Total/NA	Water	8082A	582777
480-184959-7	CELL 3 BYPASS	Total/NA	Water	8082A	582777
480-184959-8	CELL 2 EFFLUENT	Total/NA	Water	8082A	582777
480-184959-9	CELL 1 EFFLUENT	Total/NA	Water	8082A	582777
480-184959-10	PPE	Total/NA	Water	8082A	582777
480-184959-15	PPI	Total/NA	Water	8082A	582777
480-184959-18	MW-6	Total/NA	Water	8082A	582777
480-184959-19	MW-6A	Total/NA	Water	8082A	582777
480-184959-20	MW-6B	Total/NA	Water	8082A	582777
480-184959-21	MW-7	Total/NA	Water	8082A	582777
480-184959-22	MW-1D	Total/NA	Water	8082A	582777
480-184959-24	DUP-SW	Total/NA	Water	8082A	582777
MB 480-582777/1-A	Method Blank	Total/NA	Water	8082A	582777
LCS 480-582777/2-A	Lab Control Sample	Total/NA	Water	8082A	582777
480-184959-18 MS	MW-6	Total/NA	Water	8082A	582777
480-184959-18 MSD	MW-6	Total/NA	Water	8082A	582777

Prep Batch: 583031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185032-1	MW-5	Total/NA	Water	3510C	
480-185032-2	MW-11	Total/NA	Water	3510C	
480-185032-3	MW-16	Total/NA	Water	3510C	
480-185032-4	Unnamed Pond-SW	Total/NA	Water	3510C	
480-185032-6	GGFC-1-SW	Total/NA	Water	3510C	
480-185032-8	GGFC-2-SW	Total/NA	Water	3510C	
480-185032-10	GGFC-3-SW	Total/NA	Water	3510C	
480-185032-13	MW-1	Total/NA	Water	3510C	
480-185032-14	MW-2A	Total/NA	Water	3510C	
480-185032-15	MW-1A	Total/NA	Water	3510C	
480-185032-16	DUP-MW	Total/NA	Water	3510C	
480-185032-17	MW-2	Total/NA	Water	3510C	
480-185032-18	EB-1	Total/NA	Water	3510C	
480-185032-19	FB-1	Total/NA	Water	3510C	
480-185032-20	MW-14A	Total/NA	Water	3510C	
480-185032-21	MW-14B	Total/NA	Water	3510C	
480-185032-22	MW-17	Total/NA	Water	3510C	
MB 480-583031/1-A	Method Blank	Total/NA	Water	3510C	

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

GC Semi VOA (Continued)

Prep Batch: 583031 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-583031/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-583031/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 583151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-1	EW-1	Total/NA	Water	8082A	582777
480-185032-1	MW-5	Total/NA	Water	8082A	583031
480-185032-2	MW-11	Total/NA	Water	8082A	583031
480-185032-3	MW-16	Total/NA	Water	8082A	583031
480-185032-4	Unnamed Pond-SW	Total/NA	Water	8082A	583031
480-185032-6	GFFC-1-SW	Total/NA	Water	8082A	583031
480-185032-8	GFFC-2-SW	Total/NA	Water	8082A	583031
480-185032-10	GFFC-3-SW	Total/NA	Water	8082A	583031
480-185032-13	MW-1	Total/NA	Water	8082A	583031
480-185032-14	MW-2A	Total/NA	Water	8082A	583031
480-185032-15	MW-1A	Total/NA	Water	8082A	583031
480-185032-16	DUP-MW	Total/NA	Water	8082A	583031
480-185032-17	MW-2	Total/NA	Water	8082A	583031
480-185032-18	EB-1	Total/NA	Water	8082A	583031
480-185032-19	FB-1	Total/NA	Water	8082A	583031
480-185032-20	MW-14A	Total/NA	Water	8082A	583031
480-185032-21	MW-14B	Total/NA	Water	8082A	583031
480-185032-22	MW-17	Total/NA	Water	8082A	583031
MB 480-583031/1-A	Method Blank	Total/NA	Water	8082A	583031
LCS 480-582929/2-A	Lab Control Sample	Total/NA	Solid	8082A	582929
LCS 480-583031/2-A	Lab Control Sample	Total/NA	Water	8082A	583031
LCSD 480-583031/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	583031

LCMS

Prep Batch: 167231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-11	PPE-SED	Total/NA	Solid	SHAKE	
480-184959-12	CELL 3	Total/NA	Solid	SHAKE	
480-184959-13	CELL 2	Total/NA	Solid	SHAKE	
480-184959-14	CELL 1	Total/NA	Solid	SHAKE	
480-184959-16	PPI-SED	Total/NA	Solid	SHAKE	
480-184959-23	DUP-SED	Total/NA	Solid	SHAKE	
MB 200-167231/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 200-167231/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 167296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-11	PPE-SED	Total/NA	Solid	537 (modified)	167231
480-184959-12	CELL 3	Total/NA	Solid	537 (modified)	167231
480-184959-13	CELL 2	Total/NA	Solid	537 (modified)	167231
480-184959-14	CELL 1	Total/NA	Solid	537 (modified)	167231
480-184959-16	PPI-SED	Total/NA	Solid	537 (modified)	167231
480-184959-23	DUP-SED	Total/NA	Solid	537 (modified)	167231
MB 200-167231/1-A	Method Blank	Total/NA	Solid	537 (modified)	167231
LCS 200-167231/2-A	Lab Control Sample	Total/NA	Solid	537 (modified)	167231

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

LCMS

Prep Batch: 167342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184888-1	MW-8	Total/NA	Water	3535	
480-184888-2	MW-9	Total/NA	Water	3535	
480-184888-3	MW-12A	Total/NA	Water	3535	
480-184888-4	MW-13A	Total/NA	Water	3535	
480-184888-5	MW-12B	Total/NA	Water	3535	
480-184888-6	MW-13B	Total/NA	Water	3535	
480-184888-7	MW-15	Total/NA	Water	3535	
MB 200-167342/1-A	Method Blank	Total/NA	Water	3535	
LCS 200-167342/2-A	Lab Control Sample	Total/NA	Water	3535	

Prep Batch: 167414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-1 - DL	EW-1	Total/NA	Water	3535	
480-184959-1	EW-1	Total/NA	Water	3535	
480-184959-2	EW-2	Total/NA	Water	3535	
480-184959-3	EW-3	Total/NA	Water	3535	
480-184959-4	EW-4	Total/NA	Water	3535	
480-184959-5	INFLUENT	Total/NA	Water	3535	
480-184959-6	CCT	Total/NA	Water	3535	
480-184959-7	CELL 3 BYPASS	Total/NA	Water	3535	
480-184959-8	CELL 2 EFFLUENT	Total/NA	Water	3535	
480-184959-9	CELL 1 EFFLUENT	Total/NA	Water	3535	
480-184959-10	PPE	Total/NA	Water	3535	
480-184959-15	PPI	Total/NA	Water	3535	
480-184959-18	MW-6	Total/NA	Water	3535	
480-184959-19	MW-6A	Total/NA	Water	3535	
480-184959-20	MW-6B	Total/NA	Water	3535	
480-184959-21	MW-7	Total/NA	Water	3535	
480-184959-22	MW-1D	Total/NA	Water	3535	
480-184959-24	DUP-SW	Total/NA	Water	3535	
MB 200-167414/1-A	Method Blank	Total/NA	Water	3535	
LCS 200-167414/2-A	Lab Control Sample	Total/NA	Water	3535	
480-184959-18 MS	MW-6	Total/NA	Water	3535	
480-184959-18 MSD	MW-6	Total/NA	Water	3535	

Prep Batch: 167432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185032-5	Unnamed Pond-SED	Total/NA	Solid	SHAKE	
480-185032-7	GFFC-1-SED	Total/NA	Solid	SHAKE	
480-185032-9	GFFC-2-SED	Total/NA	Solid	SHAKE	
480-185032-11	GFFC-3-SED	Total/NA	Solid	SHAKE	
MB 200-167432/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 200-167432/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
480-185032-9 MS	GFFC-2-SED	Total/NA	Solid	SHAKE	
480-185032-9 MSD	GFFC-2-SED	Total/NA	Solid	SHAKE	

Prep Batch: 167447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185032-1	MW-5	Total/NA	Water	3535	
480-185032-2	MW-11	Total/NA	Water	3535	
480-185032-3 - DL	MW-16	Total/NA	Water	3535	

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

LCMS (Continued)

Prep Batch: 167447 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185032-3	MW-16	Total/NA	Water	3535	
480-185032-4	Unnamed Pond-SW	Total/NA	Water	3535	
480-185032-6	GFFC-1-SW	Total/NA	Water	3535	
480-185032-8	GFFC-2-SW	Total/NA	Water	3535	
480-185032-10	GFFC-3-SW	Total/NA	Water	3535	
480-185032-13	MW-1	Total/NA	Water	3535	
480-185032-14	MW-2A	Total/NA	Water	3535	
480-185032-15	MW-1A	Total/NA	Water	3535	
480-185032-16	DUP-MW	Total/NA	Water	3535	
480-185032-17	MW-2	Total/NA	Water	3535	
480-185032-18	EB-1	Total/NA	Water	3535	
480-185032-19	FB-1	Total/NA	Water	3535	
480-185032-20	MW-14A	Total/NA	Water	3535	
480-185032-21	MW-14B	Total/NA	Water	3535	
480-185032-22	MW-17	Total/NA	Water	3535	
MB 200-167447/1-A	Method Blank	Total/NA	Water	3535	
LCS 200-167447/2-A	Lab Control Sample	Total/NA	Water	3535	

Analysis Batch: 167464

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184888-1	MW-8	Total/NA	Water	537 (modified)	167342
480-184888-2	MW-9	Total/NA	Water	537 (modified)	167342
480-184888-3	MW-12A	Total/NA	Water	537 (modified)	167342
480-184888-4	MW-13A	Total/NA	Water	537 (modified)	167342
480-184888-5	MW-12B	Total/NA	Water	537 (modified)	167342
480-184888-6	MW-13B	Total/NA	Water	537 (modified)	167342
480-184888-7	MW-15	Total/NA	Water	537 (modified)	167342
MB 200-167342/1-A	Method Blank	Total/NA	Water	537 (modified)	167342
LCS 200-167342/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	167342

Analysis Batch: 167465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-1	EW-1	Total/NA	Water	537 (modified)	167414
480-184959-2	EW-2	Total/NA	Water	537 (modified)	167414
480-184959-3	EW-3	Total/NA	Water	537 (modified)	167414
480-184959-4	EW-4	Total/NA	Water	537 (modified)	167414
480-184959-6	CCT	Total/NA	Water	537 (modified)	167414
480-184959-7	CELL 3 BYPASS	Total/NA	Water	537 (modified)	167414
480-184959-8	CELL 2 EFFLUENT	Total/NA	Water	537 (modified)	167414
480-184959-9	CELL 1 EFFLUENT	Total/NA	Water	537 (modified)	167414
480-184959-10	PPE	Total/NA	Water	537 (modified)	167414
480-184959-15	PPI	Total/NA	Water	537 (modified)	167414
480-184959-18	MW-6	Total/NA	Water	537 (modified)	167414
480-184959-19	MW-6A	Total/NA	Water	537 (modified)	167414
480-184959-20	MW-6B	Total/NA	Water	537 (modified)	167414
480-184959-21	MW-7	Total/NA	Water	537 (modified)	167414
480-184959-22	MW-1D	Total/NA	Water	537 (modified)	167414
480-184959-24	DUP-SW	Total/NA	Water	537 (modified)	167414
MB 200-167414/1-A	Method Blank	Total/NA	Water	537 (modified)	167414
LCS 200-167414/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	167414
480-184959-18 MS	MW-6	Total/NA	Water	537 (modified)	167414

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

LCMS (Continued)

Analysis Batch: 167465 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-18 MSD	MW-6	Total/NA	Water	537 (modified)	167414

Analysis Batch: 167492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-1 - DL	EW-1	Total/NA	Water	537 (modified)	167414
480-184959-2	EW-2	Total/NA	Water	537 (modified)	167414
480-184959-3	EW-3	Total/NA	Water	537 (modified)	167414
480-184959-4	EW-4	Total/NA	Water	537 (modified)	167414
480-184959-5	INFLUENT	Total/NA	Water	537 (modified)	167414

Analysis Batch: 167493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185032-1	MW-5	Total/NA	Water	537 (modified)	167447
480-185032-2	MW-11	Total/NA	Water	537 (modified)	167447
480-185032-3	MW-16	Total/NA	Water	537 (modified)	167447
480-185032-4	Unnamed Pond-SW	Total/NA	Water	537 (modified)	167447
480-185032-6	GFFC-1-SW	Total/NA	Water	537 (modified)	167447
480-185032-8	GFFC-2-SW	Total/NA	Water	537 (modified)	167447
480-185032-10	GFFC-3-SW	Total/NA	Water	537 (modified)	167447
480-185032-13	MW-1	Total/NA	Water	537 (modified)	167447
480-185032-14	MW-2A	Total/NA	Water	537 (modified)	167447
480-185032-15	MW-1A	Total/NA	Water	537 (modified)	167447
480-185032-16	DUP-MW	Total/NA	Water	537 (modified)	167447
480-185032-17	MW-2	Total/NA	Water	537 (modified)	167447
480-185032-18	EB-1	Total/NA	Water	537 (modified)	167447
480-185032-19	FB-1	Total/NA	Water	537 (modified)	167447
480-185032-20	MW-14A	Total/NA	Water	537 (modified)	167447
480-185032-21	MW-14B	Total/NA	Water	537 (modified)	167447
480-185032-22	MW-17	Total/NA	Water	537 (modified)	167447
MB 200-167447/1-A	Method Blank	Total/NA	Water	537 (modified)	167447
LCS 200-167447/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	167447

Analysis Batch: 167511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185032-5	Unnamed Pond-SED	Total/NA	Solid	537 (modified)	167432
480-185032-7	GFFC-1-SED	Total/NA	Solid	537 (modified)	167432
480-185032-9	GFFC-2-SED	Total/NA	Solid	537 (modified)	167432
480-185032-11	GFFC-3-SED	Total/NA	Solid	537 (modified)	167432
MB 200-167432/1-A	Method Blank	Total/NA	Solid	537 (modified)	167432
LCS 200-167432/2-A	Lab Control Sample	Total/NA	Solid	537 (modified)	167432
480-185032-9 MS	GFFC-2-SED	Total/NA	Solid	537 (modified)	167432
480-185032-9 MSD	GFFC-2-SED	Total/NA	Solid	537 (modified)	167432

Analysis Batch: 167551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185032-3 - DL	MW-16	Total/NA	Water	537 (modified)	167447

QC Association Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Metals

Prep Batch: 582228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184888-1	MW-8	Total/NA	Water	3005A	
480-184888-2	MW-9	Total/NA	Water	3005A	
480-184888-3	MW-12A	Total/NA	Water	3005A	
480-184888-4	MW-13A	Total/NA	Water	3005A	
480-184888-5	MW-12B	Total/NA	Water	3005A	
480-184888-6	MW-13B	Total/NA	Water	3005A	
480-184888-7	MW-15	Total/NA	Water	3005A	
MB 480-582228/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-582228/2-A	Lab Control Sample	Total/NA	Water	3005A	

Prep Batch: 582229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-1	EW-1	Total/NA	Water	3005A	
480-184959-2	EW-2	Total/NA	Water	3005A	
480-184959-3	EW-3	Total/NA	Water	3005A	
480-184959-4	EW-4	Total/NA	Water	3005A	
480-184959-5	INFLUENT	Total/NA	Water	3005A	
480-184959-6	CCT	Total/NA	Water	3005A	
480-184959-7	CELL 3 BYPASS	Total/NA	Water	3005A	
480-184959-8	CELL 2 EFFLUENT	Total/NA	Water	3005A	
480-184959-9	CELL 1 EFFLUENT	Total/NA	Water	3005A	
480-184959-10	PPE	Total/NA	Water	3005A	
480-184959-15	PPI	Total/NA	Water	3005A	
480-184959-18	MW-6	Total/NA	Water	3005A	
480-184959-19	MW-6A	Total/NA	Water	3005A	
480-184959-20	MW-6B	Total/NA	Water	3005A	
480-184959-21	MW-7	Total/NA	Water	3005A	
480-184959-22	MW-1D	Total/NA	Water	3005A	
480-184959-24	DUP-SW	Total/NA	Water	3005A	
MB 480-582229/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-582229/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-184959-18 MS	MW-6	Total/NA	Water	3005A	
480-184959-18 MSD	MW-6	Total/NA	Water	3005A	

Prep Batch: 582417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-11	PPE-SED	Total/NA	Solid	3050B	
480-184959-12	CELL 3	Total/NA	Solid	3050B	
480-184959-13	CELL 2	Total/NA	Solid	3050B	
480-184959-14	CELL 1	Total/NA	Solid	3050B	
480-184959-16	PPI-SED	Total/NA	Solid	3050B	
480-184959-23	DUP-SED	Total/NA	Solid	3050B	
480-185032-5	Unnamed Pond-SED	Total/NA	Solid	3050B	
480-185032-7	GFFC-1-SED	Total/NA	Solid	3050B	
480-185032-9	GFFC-2-SED	Total/NA	Solid	3050B	
480-185032-11	GFFC-3-SED	Total/NA	Solid	3050B	
MB 480-582417/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-582417/2-A	Lab Control Sample	Total/NA	Solid	3050B	

QC Association Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Metals

Prep Batch: 582432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-1	EW-1	Total/NA	Water	7470A	
480-184959-2	EW-2	Total/NA	Water	7470A	
480-184959-3	EW-3	Total/NA	Water	7470A	
480-184959-4	EW-4	Total/NA	Water	7470A	
480-184959-5	INFLUENT	Total/NA	Water	7470A	
480-184959-6	CCT	Total/NA	Water	7470A	
480-184959-7	CELL 3 BYPASS	Total/NA	Water	7470A	
480-184959-8	CELL 2 EFFLUENT	Total/NA	Water	7470A	
480-184959-9	CELL 1 EFFLUENT	Total/NA	Water	7470A	
480-184959-10	PPE	Total/NA	Water	7470A	
480-184959-15	PPI	Total/NA	Water	7470A	
480-184959-18	MW-6	Total/NA	Water	7470A	
480-184959-19	MW-6A	Total/NA	Water	7470A	
480-184959-20	MW-6B	Total/NA	Water	7470A	
MB 480-582432/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-582432/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-184959-18 MS	MW-6	Total/NA	Water	7470A	
480-184959-18 MSD	MW-6	Total/NA	Water	7470A	

Prep Batch: 582433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-21	MW-7	Total/NA	Water	7470A	
480-184959-22	MW-1D	Total/NA	Water	7470A	
480-184959-24	DUP-SW	Total/NA	Water	7470A	
480-185032-2	MW-11	Total/NA	Water	7470A	
480-185032-3	MW-16	Total/NA	Water	7470A	
480-185032-4	Unnamed Pond-SW	Total/NA	Water	7470A	
480-185032-6	GFFC-1-SW	Total/NA	Water	7470A	
480-185032-8	GFFC-2-SW	Total/NA	Water	7470A	
480-185032-10	GFFC-3-SW	Total/NA	Water	7470A	
480-185032-13	MW-1	Total/NA	Water	7470A	
480-185032-14	MW-2A	Total/NA	Water	7470A	
MB 480-582433/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-582433/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 582434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185032-15	MW-1A	Total/NA	Water	7470A	
480-185032-16	DUP-MW	Total/NA	Water	7470A	
480-185032-17	MW-2	Total/NA	Water	7470A	
480-185032-22	MW-17	Total/NA	Water	7470A	
MB 480-582434/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-582434/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 582628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-11	PPE-SED	Total/NA	Solid	7471B	
480-184959-12	CELL 3	Total/NA	Solid	7471B	
480-184959-13	CELL 2	Total/NA	Solid	7471B	
480-184959-14	CELL 1	Total/NA	Solid	7471B	
480-184959-16	PPI-SED	Total/NA	Solid	7471B	

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Metals (Continued)

Prep Batch: 582628 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-23	DUP-SED	Total/NA	Solid	7471B	
480-185032-5	Unnamed Pond-SED	Total/NA	Solid	7471B	
480-185032-7	GFFC-1-SED	Total/NA	Solid	7471B	
480-185032-9	GFFC-2-SED	Total/NA	Solid	7471B	
480-185032-11	GFFC-3-SED	Total/NA	Solid	7471B	
MB 480-582628/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-582628/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 582634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-1	EW-1	Total/NA	Water	7470A	582432
480-184959-2	EW-2	Total/NA	Water	7470A	582432
480-184959-3	EW-3	Total/NA	Water	7470A	582432
480-184959-4	EW-4	Total/NA	Water	7470A	582432
480-184959-5	INFLUENT	Total/NA	Water	7470A	582432
480-184959-6	CCT	Total/NA	Water	7470A	582432
480-184959-7	CELL 3 BYPASS	Total/NA	Water	7470A	582432
480-184959-8	CELL 2 EFFLUENT	Total/NA	Water	7470A	582432
480-184959-9	CELL 1 EFFLUENT	Total/NA	Water	7470A	582432
480-184959-10	PPE	Total/NA	Water	7470A	582432
480-184959-15	PPI	Total/NA	Water	7470A	582432
480-184959-18	MW-6	Total/NA	Water	7470A	582432
480-184959-19	MW-6A	Total/NA	Water	7470A	582432
480-184959-20	MW-6B	Total/NA	Water	7470A	582432
480-184959-21	MW-7	Total/NA	Water	7470A	582433
480-184959-22	MW-1D	Total/NA	Water	7470A	582433
480-184959-24	DUP-SW	Total/NA	Water	7470A	582433
480-185032-2	MW-11	Total/NA	Water	7470A	582433
480-185032-3	MW-16	Total/NA	Water	7470A	582433
480-185032-4	Unnamed Pond-SW	Total/NA	Water	7470A	582433
480-185032-6	GFFC-1-SW	Total/NA	Water	7470A	582433
480-185032-8	GFFC-2-SW	Total/NA	Water	7470A	582433
480-185032-10	GFFC-3-SW	Total/NA	Water	7470A	582433
480-185032-13	MW-1	Total/NA	Water	7470A	582433
480-185032-14	MW-2A	Total/NA	Water	7470A	582433
480-185032-15	MW-1A	Total/NA	Water	7470A	582434
480-185032-16	DUP-MW	Total/NA	Water	7470A	582434
480-185032-17	MW-2	Total/NA	Water	7470A	582434
480-185032-22	MW-17	Total/NA	Water	7470A	582434
MB 480-582432/1-A	Method Blank	Total/NA	Water	7470A	582432
MB 480-582433/1-A	Method Blank	Total/NA	Water	7470A	582433
MB 480-582434/1-A	Method Blank	Total/NA	Water	7470A	582434
LCS 480-582432/2-A	Lab Control Sample	Total/NA	Water	7470A	582432
LCS 480-582433/2-A	Lab Control Sample	Total/NA	Water	7470A	582433
LCS 480-582434/2-A	Lab Control Sample	Total/NA	Water	7470A	582434
480-184959-18 MS	MW-6	Total/NA	Water	7470A	582432
480-184959-18 MSD	MW-6	Total/NA	Water	7470A	582432

Analysis Batch: 582717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-11	PPE-SED	Total/NA	Solid	6010C	582417

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Metals (Continued)

Analysis Batch: 582717 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-12	CELL 3	Total/NA	Solid	6010C	582417
480-184959-13	CELL 2	Total/NA	Solid	6010C	582417
480-184959-14	CELL 1	Total/NA	Solid	6010C	582417
480-184959-16	PPI-SED	Total/NA	Solid	6010C	582417
480-184959-23	DUP-SED	Total/NA	Solid	6010C	582417
480-185032-5	Unnamed Pond-SED	Total/NA	Solid	6010C	582417
480-185032-7	GFFC-1-SED	Total/NA	Solid	6010C	582417
480-185032-9	GFFC-2-SED	Total/NA	Solid	6010C	582417
480-185032-11	GFFC-3-SED	Total/NA	Solid	6010C	582417
MB 480-582417/1-A	Method Blank	Total/NA	Solid	6010C	582417
LCSSRM 480-582417/2-A	Lab Control Sample	Total/NA	Solid	6010C	582417

Analysis Batch: 582721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184888-1	MW-8	Total/NA	Water	6010C	582228
480-184888-2	MW-9	Total/NA	Water	6010C	582228
480-184888-3	MW-12A	Total/NA	Water	6010C	582228
480-184888-4	MW-13A	Total/NA	Water	6010C	582228
480-184888-5	MW-12B	Total/NA	Water	6010C	582228
480-184888-6	MW-13B	Total/NA	Water	6010C	582228
480-184888-7	MW-15	Total/NA	Water	6010C	582228
MB 480-582228/1-A	Method Blank	Total/NA	Water	6010C	582228
LCS 480-582228/2-A	Lab Control Sample	Total/NA	Water	6010C	582228

Prep Batch: 582747

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184888-1	MW-8	Total/NA	Water	7470A	
480-184888-2	MW-9	Total/NA	Water	7470A	
480-184888-3	MW-12A	Total/NA	Water	7470A	
480-184888-4	MW-13A	Total/NA	Water	7470A	
480-184888-5	MW-12B	Total/NA	Water	7470A	
480-184888-6	MW-13B	Total/NA	Water	7470A	
480-184888-7	MW-15	Total/NA	Water	7470A	
MB 480-582747/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-582747/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 582797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185032-2	MW-11	Total/NA	Water	3005A	
480-185032-3	MW-16	Total/NA	Water	3005A	
480-185032-4	Unnamed Pond-SW	Total/NA	Water	3005A	
480-185032-6	GFFC-1-SW	Total/NA	Water	3005A	
480-185032-8	GFFC-2-SW	Total/NA	Water	3005A	
480-185032-10	GFFC-3-SW	Total/NA	Water	3005A	
480-185032-13	MW-1	Total/NA	Water	3005A	
480-185032-14	MW-2A	Total/NA	Water	3005A	
480-185032-15	MW-1A	Total/NA	Water	3005A	
480-185032-16	DUP-MW	Total/NA	Water	3005A	
480-185032-17	MW-2	Total/NA	Water	3005A	
480-185032-18	EB-1	Total/NA	Water	3005A	
480-185032-19	FB-1	Total/NA	Water	3005A	

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Metals (Continued)

Prep Batch: 582797 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185032-20	MW-14A	Total/NA	Water	3005A	
480-185032-21	MW-14B	Total/NA	Water	3005A	
480-185032-22	MW-17	Total/NA	Water	3005A	
MB 480-582797/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-582797/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-185032-8 MS	GFCC-2-SW	Total/NA	Water	3005A	
480-185032-8 MSD	GFCC-2-SW	Total/NA	Water	3005A	

Analysis Batch: 582831

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184888-1	MW-8	Total/NA	Water	7470A	582747
480-184888-2	MW-9	Total/NA	Water	7470A	582747
480-184888-3	MW-12A	Total/NA	Water	7470A	582747
480-184888-4	MW-13A	Total/NA	Water	7470A	582747
480-184888-5	MW-12B	Total/NA	Water	7470A	582747
480-184888-6	MW-13B	Total/NA	Water	7470A	582747
480-184888-7	MW-15	Total/NA	Water	7470A	582747
MB 480-582747/1-A	Method Blank	Total/NA	Water	7470A	582747
LCS 480-582747/2-A	Lab Control Sample	Total/NA	Water	7470A	582747

Analysis Batch: 582846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-11	PPE-SED	Total/NA	Solid	7471B	582628
480-184959-12	CELL 3	Total/NA	Solid	7471B	582628
480-184959-13	CELL 2	Total/NA	Solid	7471B	582628
480-184959-14	CELL 1	Total/NA	Solid	7471B	582628
480-184959-16	PPI-SED	Total/NA	Solid	7471B	582628
480-184959-23	DUP-SED	Total/NA	Solid	7471B	582628
480-185032-5	Unnamed Pond-SED	Total/NA	Solid	7471B	582628
480-185032-7	GFCC-1-SED	Total/NA	Solid	7471B	582628
480-185032-9	GFCC-2-SED	Total/NA	Solid	7471B	582628
480-185032-11	GFCC-3-SED	Total/NA	Solid	7471B	582628
MB 480-582628/1-A	Method Blank	Total/NA	Solid	7471B	582628
LCSSRM 480-582628/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	582628

Analysis Batch: 582853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-1	EW-1	Total/NA	Water	6010C	582229
480-184959-2	EW-2	Total/NA	Water	6010C	582229
480-184959-3	EW-3	Total/NA	Water	6010C	582229
480-184959-4	EW-4	Total/NA	Water	6010C	582229
480-184959-5	INFLUENT	Total/NA	Water	6010C	582229
480-184959-6	CCT	Total/NA	Water	6010C	582229
480-184959-7	CELL 3 BYPASS	Total/NA	Water	6010C	582229
480-184959-8	CELL 2 EFFLUENT	Total/NA	Water	6010C	582229
480-184959-9	CELL 1 EFFLUENT	Total/NA	Water	6010C	582229
480-184959-10	PPE	Total/NA	Water	6010C	582229
480-184959-15	PPI	Total/NA	Water	6010C	582229
480-184959-18	MW-6	Total/NA	Water	6010C	582229
480-184959-19	MW-6A	Total/NA	Water	6010C	582229
480-184959-20	MW-6B	Total/NA	Water	6010C	582229

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Metals (Continued)

Analysis Batch: 582853 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-21	MW-7	Total/NA	Water	6010C	582229
480-184959-22	MW-1D	Total/NA	Water	6010C	582229
480-184959-24	DUP-SW	Total/NA	Water	6010C	582229
MB 480-582229/1-A	Method Blank	Total/NA	Water	6010C	582229
LCS 480-582229/2-A	Lab Control Sample	Total/NA	Water	6010C	582229
480-184959-18 MS	MW-6	Total/NA	Water	6010C	582229
480-184959-18 MSD	MW-6	Total/NA	Water	6010C	582229

Prep Batch: 583008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185032-18	EB-1	Total/NA	Water	7470A	
480-185032-19	FB-1	Total/NA	Water	7470A	
480-185032-20	MW-14A	Total/NA	Water	7470A	
480-185032-21	MW-14B	Total/NA	Water	7470A	
MB 480-583008/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-583008/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-185032-21 MS	MW-14B	Total/NA	Water	7470A	
480-185032-21 MSD	MW-14B	Total/NA	Water	7470A	

Analysis Batch: 583093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185032-18	EB-1	Total/NA	Water	7470A	583008
480-185032-19	FB-1	Total/NA	Water	7470A	583008
480-185032-20	MW-14A	Total/NA	Water	7470A	583008
480-185032-21	MW-14B	Total/NA	Water	7470A	583008
MB 480-583008/1-A	Method Blank	Total/NA	Water	7470A	583008
LCS 480-583008/2-A	Lab Control Sample	Total/NA	Water	7470A	583008
480-185032-21 MS	MW-14B	Total/NA	Water	7470A	583008
480-185032-21 MSD	MW-14B	Total/NA	Water	7470A	583008

Analysis Batch: 583177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185032-2	MW-11	Total/NA	Water	6010C	582797
480-185032-3	MW-16	Total/NA	Water	6010C	582797
480-185032-4	Unnamed Pond-SW	Total/NA	Water	6010C	582797
480-185032-6	GFFC-1-SW	Total/NA	Water	6010C	582797
480-185032-8	GFFC-2-SW	Total/NA	Water	6010C	582797
480-185032-10	GFFC-3-SW	Total/NA	Water	6010C	582797
480-185032-13	MW-1	Total/NA	Water	6010C	582797
480-185032-14	MW-2A	Total/NA	Water	6010C	582797
480-185032-15	MW-1A	Total/NA	Water	6010C	582797
480-185032-16	DUP-MW	Total/NA	Water	6010C	582797
480-185032-17	MW-2	Total/NA	Water	6010C	582797
480-185032-18	EB-1	Total/NA	Water	6010C	582797
480-185032-19	FB-1	Total/NA	Water	6010C	582797
480-185032-20	MW-14A	Total/NA	Water	6010C	582797
480-185032-21	MW-14B	Total/NA	Water	6010C	582797
480-185032-22	MW-17	Total/NA	Water	6010C	582797
MB 480-582797/1-A	Method Blank	Total/NA	Water	6010C	582797
LCS 480-582797/2-A	Lab Control Sample	Total/NA	Water	6010C	582797
480-185032-8 MS	GFFC-2-SW	Total/NA	Water	6010C	582797

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Metals (Continued)

Analysis Batch: 583177 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185032-8 MSD	GFFC-2-SW	Total/NA	Water	6010C	582797

Analysis Batch: 583183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-19	MW-6A	Total/NA	Water	6010C	582229
480-184959-20	MW-6B	Total/NA	Water	6010C	582229
480-184959-21	MW-7	Total/NA	Water	6010C	582229
480-184959-22	MW-1D	Total/NA	Water	6010C	582229
480-184959-24	DUP-SW	Total/NA	Water	6010C	582229

General Chemistry

Analysis Batch: 581929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-11	PPE-SED	Total/NA	Solid	Moisture	
480-184959-12	CELL 3	Total/NA	Solid	Moisture	
480-184959-13	CELL 2	Total/NA	Solid	Moisture	
480-184959-14	CELL 1	Total/NA	Solid	Moisture	
480-184959-16	PPI-SED	Total/NA	Solid	Moisture	
480-184959-23	DUP-SED	Total/NA	Solid	Moisture	

Analysis Batch: 582005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184888-1	MW-8	Total/NA	Water	SM 2540C	
480-184888-2	MW-9	Total/NA	Water	SM 2540C	
480-184888-3	MW-12A	Total/NA	Water	SM 2540C	
480-184888-4	MW-13A	Total/NA	Water	SM 2540C	
480-184888-5	MW-12B	Total/NA	Water	SM 2540C	
480-184888-6	MW-13B	Total/NA	Water	SM 2540C	
480-184888-7	MW-15	Total/NA	Water	SM 2540C	
MB 480-582005/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 480-582005/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 582066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184888-1	MW-8	Total/NA	Water	SM 2540D	
480-184888-2	MW-9	Total/NA	Water	SM 2540D	
480-184888-3	MW-12A	Total/NA	Water	SM 2540D	
480-184888-4	MW-13A	Total/NA	Water	SM 2540D	
480-184888-5	MW-12B	Total/NA	Water	SM 2540D	
480-184888-6	MW-13B	Total/NA	Water	SM 2540D	
480-184888-7	MW-15	Total/NA	Water	SM 2540D	
MB 480-582066/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-582066/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 582077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-1	EW-1	Total/NA	Water	SM 2540C	
480-184959-2	EW-2	Total/NA	Water	SM 2540C	
480-184959-3	EW-3	Total/NA	Water	SM 2540C	
480-184959-4	EW-4	Total/NA	Water	SM 2540C	

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

General Chemistry (Continued)

Analysis Batch: 582077 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-5	INFLUENT	Total/NA	Water	SM 2540C	
480-184959-6	CCT	Total/NA	Water	SM 2540C	
480-184959-7	CELL 3 BYPASS	Total/NA	Water	SM 2540C	
480-184959-8	CELL 2 EFFLUENT	Total/NA	Water	SM 2540C	
480-184959-9	CELL 1 EFFLUENT	Total/NA	Water	SM 2540C	
480-184959-10	PPE	Total/NA	Water	SM 2540C	
480-184959-18	MW-6	Total/NA	Water	SM 2540C	
480-184959-19	MW-6A	Total/NA	Water	SM 2540C	
480-184959-20	MW-6B	Total/NA	Water	SM 2540C	
480-184959-21	MW-7	Total/NA	Water	SM 2540C	
480-184959-22	MW-1D	Total/NA	Water	SM 2540C	
MB 480-582077/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 480-582077/2	Lab Control Sample	Total/NA	Water	SM 2540C	
480-184959-18 MS	MW-6	Total/NA	Water	SM 2540C	
480-184959-18 MSD	MW-6	Total/NA	Water	SM 2540C	
480-184959-1 DU	EW-1	Total/NA	Water	SM 2540C	
480-184959-22 DU	MW-1D	Total/NA	Water	SM 2540C	

Analysis Batch: 582197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-1	EW-1	Total/NA	Water	SM 2540D	
480-184959-2	EW-2	Total/NA	Water	SM 2540D	
480-184959-3	EW-3	Total/NA	Water	SM 2540D	
480-184959-4	EW-4	Total/NA	Water	SM 2540D	
480-184959-5	INFLUENT	Total/NA	Water	SM 2540D	
480-184959-6	CCT	Total/NA	Water	SM 2540D	
480-184959-7	CELL 3 BYPASS	Total/NA	Water	SM 2540D	
480-184959-8	CELL 2 EFFLUENT	Total/NA	Water	SM 2540D	
480-184959-9	CELL 1 EFFLUENT	Total/NA	Water	SM 2540D	
480-184959-10	PPE	Total/NA	Water	SM 2540D	
480-184959-18	MW-6	Total/NA	Water	SM 2540D	
480-184959-19	MW-6A	Total/NA	Water	SM 2540D	
480-184959-20	MW-6B	Total/NA	Water	SM 2540D	
480-184959-21	MW-7	Total/NA	Water	SM 2540D	
480-184959-22	MW-1D	Total/NA	Water	SM 2540D	
MB 480-582197/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-582197/2	Lab Control Sample	Total/NA	Water	SM 2540D	
480-184959-18 MS	MW-6	Total/NA	Water	SM 2540D	
480-184959-18 MSD	MW-6	Total/NA	Water	SM 2540D	

Analysis Batch: 582198

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185032-3	MW-16	Total/NA	Water	SM 2540D	
480-185032-13	MW-1	Total/NA	Water	SM 2540D	
480-185032-14	MW-2A	Total/NA	Water	SM 2540D	
480-185032-15	MW-1A	Total/NA	Water	SM 2540D	
480-185032-16	DUP-MW	Total/NA	Water	SM 2540D	
480-185032-17	MW-2	Total/NA	Water	SM 2540D	
480-185032-20	MW-14A	Total/NA	Water	SM 2540D	
480-185032-21	MW-14B	Total/NA	Water	SM 2540D	
480-185032-22	MW-17	Total/NA	Water	SM 2540D	

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

General Chemistry (Continued)

Analysis Batch: 582198 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-582198/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-582198/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 582547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185032-3	MW-16	Total/NA	Water	SM 2540C	
480-185032-13	MW-1	Total/NA	Water	SM 2540C	
480-185032-14	MW-2A	Total/NA	Water	SM 2540C	
480-185032-15	MW-1A	Total/NA	Water	SM 2540C	
480-185032-16	DUP-MW	Total/NA	Water	SM 2540C	
480-185032-17	MW-2	Total/NA	Water	SM 2540C	
480-185032-20	MW-14A	Total/NA	Water	SM 2540C	
480-185032-21	MW-14B	Total/NA	Water	SM 2540C	
480-185032-22	MW-17	Total/NA	Water	SM 2540C	
MB 480-582547/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 480-582547/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 583278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184959-5	INFLUENT	Total/NA	Water	9060A	
480-184959-6	CCT	Total/NA	Water	9060A	
MB 480-583278/52	Method Blank	Total/NA	Water	9060A	
LCS 480-583278/53	Lab Control Sample	Total/NA	Water	9060A	

Analysis Batch: 583306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185032-5	Unnamed Pond-SED	Total/NA	Solid	Moisture	
480-185032-7	GFFC-1-SED	Total/NA	Solid	Moisture	
480-185032-9	GFFC-2-SED	Total/NA	Solid	Moisture	

Analysis Batch: 583487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185032-11	GFFC-3-SED	Total/NA	Solid	Moisture	

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-8

Date Collected: 05/17/21 10:00

Date Received: 05/19/21 08:00

Lab Sample ID: 480-184888-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	581769	05/20/21 17:14	OMI	TAL BUF
Total/NA	Prep	3510C			581773	05/20/21 08:30	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	582073	05/21/21 23:18	PJQ	TAL BUF
Total/NA	Prep	3510C			581775	05/20/21 08:43	JMP	TAL BUF
Total/NA	Analysis	8082A		1	582011	05/21/21 14:24	W1T	TAL BUF
Total/NA	Prep	3535			167342	05/27/21 13:28	EK	TAL BUR
Total/NA	Analysis	537 (modified)		1	167464	06/01/21 17:36	BWC	TAL BUR
Total/NA	Prep	3005A			582228	05/24/21 10:55	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582721	05/25/21 16:00	LMH	TAL BUF
Total/NA	Prep	7470A			582747	05/26/21 13:46	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582831	05/26/21 17:06	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	582005	05/21/21 09:12	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582066	05/21/21 12:50	CSS	TAL BUF

Client Sample ID: MW-9

Date Collected: 05/17/21 09:55

Date Received: 05/19/21 08:00

Lab Sample ID: 480-184888-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	581985	05/21/21 11:41	CRL	TAL BUF
Total/NA	Prep	3510C			581773	05/20/21 08:30	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	582073	05/21/21 23:42	PJQ	TAL BUF
Total/NA	Prep	3510C			581775	05/20/21 08:43	JMP	TAL BUF
Total/NA	Analysis	8082A		1	582011	05/21/21 14:37	W1T	TAL BUF
Total/NA	Prep	3535			167342	05/27/21 13:28	EK	TAL BUR
Total/NA	Analysis	537 (modified)		1	167464	06/01/21 17:45	BWC	TAL BUR
Total/NA	Prep	3005A			582228	05/24/21 10:55	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582721	05/25/21 16:04	LMH	TAL BUF
Total/NA	Prep	7470A			582747	05/26/21 13:46	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582831	05/26/21 17:07	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	582005	05/21/21 09:12	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582066	05/21/21 12:50	CSS	TAL BUF

Client Sample ID: MW-12A

Date Collected: 05/17/21 12:25

Date Received: 05/19/21 08:00

Lab Sample ID: 480-184888-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	581769	05/20/21 17:59	OMI	TAL BUF
Total/NA	Prep	3510C			581773	05/20/21 08:30	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		10	582351	05/24/21 15:55	PJQ	TAL BUF
Total/NA	Prep	3510C			581775	05/20/21 08:43	JMP	TAL BUF
Total/NA	Analysis	8082A		1	582011	05/21/21 14:50	W1T	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-12A

Lab Sample ID: 480-184888-3

Date Collected: 05/17/21 12:25

Matrix: Water

Date Received: 05/19/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			167342	05/27/21 13:28	EK	TAL BUR
Total/NA	Analysis	537 (modified)		1	167464	06/01/21 17:53	BWC	TAL BUR
Total/NA	Prep	3005A			582228	05/24/21 10:55	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582721	05/25/21 16:07	LMH	TAL BUF
Total/NA	Prep	7470A			582747	05/26/21 13:46	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582831	05/26/21 17:11	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	582005	05/21/21 09:12	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582066	05/21/21 12:50	CSS	TAL BUF

Client Sample ID: MW-13A

Lab Sample ID: 480-184888-4

Date Collected: 05/17/21 13:30

Matrix: Water

Date Received: 05/19/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	581769	05/20/21 18:22	OMI	TAL BUF
Total/NA	Prep	3510C			581773	05/20/21 08:30	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	582073	05/22/21 00:29	PJQ	TAL BUF
Total/NA	Prep	3510C			581775	05/20/21 08:43	JMP	TAL BUF
Total/NA	Analysis	8082A		1	582011	05/21/21 15:02	W1T	TAL BUF
Total/NA	Prep	3535			167342	05/27/21 13:28	EK	TAL BUR
Total/NA	Analysis	537 (modified)		1	167464	06/01/21 18:01	BWC	TAL BUR
Total/NA	Prep	3005A			582228	05/24/21 10:55	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582721	05/25/21 16:11	LMH	TAL BUF
Total/NA	Prep	7470A			582747	05/26/21 13:46	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582831	05/26/21 17:12	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	582005	05/21/21 09:12	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582066	05/21/21 12:50	CSS	TAL BUF

Client Sample ID: MW-12B

Lab Sample ID: 480-184888-5

Date Collected: 05/17/21 13:45

Matrix: Water

Date Received: 05/19/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	581769	05/20/21 18:46	OMI	TAL BUF
Total/NA	Prep	3510C			581773	05/20/21 08:30	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		20	582351	05/24/21 16:18	PJQ	TAL BUF
Total/NA	Prep	3510C			581775	05/20/21 08:43	JMP	TAL BUF
Total/NA	Analysis	8082A		1	582011	05/21/21 15:15	W1T	TAL BUF
Total/NA	Prep	3535			167342	05/27/21 13:28	EK	TAL BUR
Total/NA	Analysis	537 (modified)		1	167464	06/01/21 18:10	BWC	TAL BUR
Total/NA	Prep	3005A			582228	05/24/21 10:55	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582721	05/25/21 16:15	LMH	TAL BUF
Total/NA	Prep	7470A			582747	05/26/21 13:46	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582831	05/26/21 17:14	BMB	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-12B

Lab Sample ID: 480-184888-5

Date Collected: 05/17/21 13:45

Matrix: Water

Date Received: 05/19/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	582005	05/21/21 09:12	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582066	05/21/21 12:50	CSS	TAL BUF

Client Sample ID: MW-13B

Lab Sample ID: 480-184888-6

Date Collected: 05/17/21 15:05

Matrix: Water

Date Received: 05/19/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	581769	05/20/21 19:09	OMI	TAL BUF
Total/NA	Prep	3510C			581773	05/20/21 08:30	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	582073	05/22/21 01:15	PJQ	TAL BUF
Total/NA	Prep	3510C			581775	05/20/21 08:43	JMP	TAL BUF
Total/NA	Analysis	8082A		1	582011	05/21/21 15:28	W1T	TAL BUF
Total/NA	Prep	3535			167342	05/27/21 13:28	EK	TAL BUR
Total/NA	Analysis	537 (modified)		1	167464	06/01/21 18:18	BWC	TAL BUR
Total/NA	Prep	3005A			582228	05/24/21 10:55	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582721	05/25/21 16:18	LMH	TAL BUF
Total/NA	Prep	7470A			582747	05/26/21 13:46	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582831	05/26/21 17:15	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	582005	05/21/21 09:12	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582066	05/21/21 12:50	CSS	TAL BUF

Client Sample ID: MW-15

Lab Sample ID: 480-184888-7

Date Collected: 05/17/21 16:40

Matrix: Water

Date Received: 05/19/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	581769	05/20/21 19:33	OMI	TAL BUF
Total/NA	Prep	3510C			581773	05/20/21 08:30	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	582073	05/22/21 01:39	PJQ	TAL BUF
Total/NA	Prep	3510C			581775	05/20/21 08:43	JMP	TAL BUF
Total/NA	Analysis	8082A		1	582011	05/21/21 16:06	W1T	TAL BUF
Total/NA	Prep	3535			167342	05/27/21 13:28	EK	TAL BUR
Total/NA	Analysis	537 (modified)		1	167464	06/01/21 18:26	BWC	TAL BUR
Total/NA	Prep	3005A			582228	05/24/21 10:55	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582721	05/25/21 16:22	LMH	TAL BUF
Total/NA	Prep	7470A			582747	05/26/21 13:46	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582831	05/26/21 17:16	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	582005	05/21/21 09:12	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582066	05/21/21 12:50	CSS	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: EW-1

Date Collected: 05/18/21 11:07

Date Received: 05/20/21 08:00

Lab Sample ID: 480-184959-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	582472	05/25/21 11:24	CRL	TAL BUF
Total/NA	Prep	3510C			581896	05/20/21 14:57	ATG	TAL BUF
Total/NA	Analysis	8270D SIM ID		40	582807	05/26/21 18:05	RJS	TAL BUF
Total/NA	Prep	3510C			582777	05/26/21 15:25	ATG	TAL BUF
Total/NA	Analysis	8082A		1000	583151	05/28/21 10:54	W1T	TAL BUF
Total/NA	Prep	3535			167414	05/28/21 16:14	EK	TAL BUR
Total/NA	Analysis	537 (modified)		1	167465	06/01/21 21:20	BWC	TAL BUR
Total/NA	Prep	3535	DL		167414	05/28/21 16:14	EK	TAL BUR
Total/NA	Analysis	537 (modified)	DL	5	167492	06/02/21 14:13	BWC	TAL BUR
Total/NA	Prep	3005A			582229	05/24/21 14:40	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582853	05/26/21 14:11	LMH	TAL BUF
Total/NA	Prep	7470A			582432	05/25/21 13:34	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582634	05/25/21 17:02	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	582077	05/21/21 13:35	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582197	05/22/21 16:46	CSS	TAL BUF

Client Sample ID: EW-2

Date Collected: 05/18/21 10:33

Date Received: 05/20/21 08:00

Lab Sample ID: 480-184959-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	582386	05/24/21 23:59	CRL	TAL BUF
Total/NA	Prep	3510C			581896	05/20/21 14:57	ATG	TAL BUF
Total/NA	Analysis	8270D SIM ID		10	582615	05/25/21 19:14	PJQ	TAL BUF
Total/NA	Prep	3510C			582777	05/26/21 15:25	ATG	TAL BUF
Total/NA	Analysis	8082A		1	582977	05/27/21 23:22	DSC	TAL BUF
Total/NA	Prep	3535			167414	05/28/21 16:14	EK	TAL BUR
Total/NA	Analysis	537 (modified)		1	167465	06/01/21 21:28	BWC	TAL BUR
Total/NA	Prep	3535			167414	05/28/21 16:14	EK	TAL BUR
Total/NA	Analysis	537 (modified)		1	167492	06/02/21 14:21	BWC	TAL BUR
Total/NA	Prep	3005A			582229	05/24/21 14:40	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582853	05/26/21 14:14	LMH	TAL BUF
Total/NA	Prep	7470A			582432	05/25/21 13:34	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582634	05/25/21 17:03	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	582077	05/21/21 13:35	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582197	05/22/21 16:46	CSS	TAL BUF

Client Sample ID: EW-3

Date Collected: 05/18/21 10:03

Date Received: 05/20/21 08:00

Lab Sample ID: 480-184959-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582386	05/25/21 00:23	CRL	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: EW-3

Date Collected: 05/18/21 10:03

Date Received: 05/20/21 08:00

Lab Sample ID: 480-184959-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			581896	05/20/21 14:57	ATG	TAL BUF
Total/NA	Analysis	8270D SIM ID		25	582615	05/25/21 19:37	PJQ	TAL BUF
Total/NA	Prep	3510C			582777	05/26/21 15:25	ATG	TAL BUF
Total/NA	Analysis	8082A		1	582977	05/27/21 19:44	DSC	TAL BUF
Total/NA	Prep	3535			167414	05/28/21 16:14	EK	TAL BUR
Total/NA	Analysis	537 (modified)		1	167465	06/01/21 21:37	BWC	TAL BUR
Total/NA	Prep	3535			167414	05/28/21 16:14	EK	TAL BUR
Total/NA	Analysis	537 (modified)		1	167492	06/02/21 14:29	BWC	TAL BUR
Total/NA	Prep	3005A			582229	05/24/21 14:40	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582853	05/26/21 14:18	LMH	TAL BUF
Total/NA	Prep	7470A			582432	05/25/21 13:34	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582634	05/25/21 17:07	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	582077	05/21/21 13:35	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582197	05/22/21 16:46	CSS	TAL BUF

Client Sample ID: EW-4

Date Collected: 05/18/21 11:35

Date Received: 05/20/21 08:00

Lab Sample ID: 480-184959-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582472	05/25/21 11:47	CRL	TAL BUF
Total/NA	Prep	3510C			581896	05/20/21 14:57	ATG	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	582351	05/24/21 23:29	PJQ	TAL BUF
Total/NA	Prep	3510C			582777	05/26/21 15:25	ATG	TAL BUF
Total/NA	Analysis	8082A		1	582977	05/27/21 19:57	DSC	TAL BUF
Total/NA	Prep	3535			167414	05/28/21 16:14	EK	TAL BUR
Total/NA	Analysis	537 (modified)		1	167465	06/01/21 21:45	BWC	TAL BUR
Total/NA	Prep	3535			167414	05/28/21 16:14	EK	TAL BUR
Total/NA	Analysis	537 (modified)		1	167492	06/02/21 14:38	BWC	TAL BUR
Total/NA	Prep	3005A			582229	05/24/21 14:40	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582853	05/26/21 14:22	LMH	TAL BUF
Total/NA	Prep	7470A			582432	05/25/21 13:34	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582634	05/25/21 17:09	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	582077	05/21/21 13:35	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582197	05/22/21 16:46	CSS	TAL BUF

Client Sample ID: INFLUENT

Date Collected: 05/18/21 09:35

Date Received: 05/20/21 08:00

Lab Sample ID: 480-184959-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582386	05/25/21 01:10	CRL	TAL BUF
Total/NA	Prep	3510C			581896	05/20/21 14:57	ATG	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	582351	05/24/21 23:53	PJQ	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: INFLUENT

Date Collected: 05/18/21 09:35

Date Received: 05/20/21 08:00

Lab Sample ID: 480-184959-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			582777	05/26/21 15:25	ATG	TAL BUF
Total/NA	Analysis	8082A		1	582977	05/27/21 20:10	DSC	TAL BUF
Total/NA	Prep	3535			167414	05/28/21 16:14	EK	TAL BUR
Total/NA	Analysis	537 (modified)		1	167492	06/02/21 14:46	BWC	TAL BUR
Total/NA	Prep	3005A			582229	05/24/21 14:40	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582853	05/26/21 14:26	LMH	TAL BUF
Total/NA	Prep	7470A			582432	05/25/21 13:34	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582634	05/25/21 17:10	BMB	TAL BUF
Total/NA	Analysis	9060A		1	583278	05/27/21 17:36	CLA	TAL BUF
Total/NA	Analysis	SM 2540C		1	582077	05/21/21 13:35	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582197	05/22/21 16:46	CSS	TAL BUF

Client Sample ID: CCT

Date Collected: 05/18/21 07:44

Date Received: 05/20/21 08:00

Lab Sample ID: 480-184959-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582386	05/25/21 01:33	CRL	TAL BUF
Total/NA	Prep	3510C			581896	05/20/21 14:57	ATG	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	582351	05/25/21 00:16	PJQ	TAL BUF
Total/NA	Prep	3510C			582777	05/26/21 15:25	ATG	TAL BUF
Total/NA	Analysis	8082A		1	582977	05/27/21 20:22	DSC	TAL BUF
Total/NA	Prep	3535			167414	05/28/21 16:14	EK	TAL BUR
Total/NA	Analysis	537 (modified)		1	167465	06/01/21 22:02	BWC	TAL BUR
Total/NA	Prep	3005A			582229	05/24/21 14:40	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582853	05/26/21 14:30	LMH	TAL BUF
Total/NA	Prep	7470A			582432	05/25/21 13:34	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582634	05/25/21 17:11	BMB	TAL BUF
Total/NA	Analysis	9060A		1	583278	05/27/21 18:05	CLA	TAL BUF
Total/NA	Analysis	SM 2540C		1	582077	05/21/21 13:35	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582197	05/22/21 16:46	CSS	TAL BUF

Client Sample ID: CELL 3 BYPASS

Date Collected: 05/18/21 13:30

Date Received: 05/20/21 08:00

Lab Sample ID: 480-184959-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582386	05/25/21 01:56	CRL	TAL BUF
Total/NA	Prep	3510C			581896	05/20/21 14:57	ATG	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	582352	05/25/21 02:00	PJQ	TAL BUF
Total/NA	Prep	3510C			582777	05/26/21 15:25	ATG	TAL BUF
Total/NA	Analysis	8082A		1	582977	05/27/21 21:01	DSC	TAL BUF
Total/NA	Prep	3535			167414	05/28/21 16:14	EK	TAL BUR
Total/NA	Analysis	537 (modified)		1	167465	06/01/21 22:10	BWC	TAL BUR

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CELL 3 BYPASS

Lab Sample ID: 480-184959-7

Date Collected: 05/18/21 13:30

Matrix: Water

Date Received: 05/20/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			582229	05/24/21 14:40	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582853	05/26/21 14:33	LMH	TAL BUF
Total/NA	Prep	7470A			582432	05/25/21 13:34	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582634	05/25/21 17:12	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	582077	05/21/21 13:35	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582197	05/22/21 16:46	CSS	TAL BUF

Client Sample ID: CELL 2 EFFLUENT

Lab Sample ID: 480-184959-8

Date Collected: 05/18/21 14:05

Matrix: Water

Date Received: 05/20/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582472	05/25/21 12:10	CRL	TAL BUF
Total/NA	Prep	3510C			581896	05/20/21 14:57	ATG	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	582352	05/25/21 02:23	PJQ	TAL BUF
Total/NA	Prep	3510C			582777	05/26/21 15:25	ATG	TAL BUF
Total/NA	Analysis	8082A		1	582977	05/27/21 21:14	DSC	TAL BUF
Total/NA	Prep	3535			167414	05/28/21 16:14	EK	TAL BUR
Total/NA	Analysis	537 (modified)		1	167465	06/01/21 22:18	BWC	TAL BUR
Total/NA	Prep	3005A			582229	05/24/21 14:40	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582853	05/26/21 14:48	LMH	TAL BUF
Total/NA	Prep	7470A			582432	05/25/21 13:34	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582634	05/25/21 17:14	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	582077	05/21/21 13:35	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582197	05/22/21 16:46	CSS	TAL BUF

Client Sample ID: CELL 1 EFFLUENT

Lab Sample ID: 480-184959-9

Date Collected: 05/18/21 14:30

Matrix: Water

Date Received: 05/20/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582386	05/25/21 02:42	CRL	TAL BUF
Total/NA	Prep	3510C			581896	05/20/21 14:57	ATG	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	582352	05/25/21 02:47	PJQ	TAL BUF
Total/NA	Prep	3510C			582777	05/26/21 15:25	ATG	TAL BUF
Total/NA	Analysis	8082A		1	582977	05/27/21 21:27	DSC	TAL BUF
Total/NA	Prep	3535			167414	05/28/21 16:14	EK	TAL BUR
Total/NA	Analysis	537 (modified)		1	167465	06/01/21 22:26	BWC	TAL BUR
Total/NA	Prep	3005A			582229	05/24/21 14:40	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582853	05/26/21 14:52	LMH	TAL BUF
Total/NA	Prep	7470A			582432	05/25/21 13:34	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582634	05/25/21 17:15	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	582077	05/21/21 13:35	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582197	05/22/21 16:46	CSS	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: PPE

Date Collected: 05/18/21 15:10

Date Received: 05/20/21 08:00

Lab Sample ID: 480-184959-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582386	05/25/21 03:05	CRL	TAL BUF
Total/NA	Prep	3510C			581896	05/20/21 14:57	ATG	TAL BUF
Total/NA	Analysis	8270D SIM ID		10	582352	05/25/21 03:10	PJQ	TAL BUF
Total/NA	Prep	3510C			582777	05/26/21 15:25	ATG	TAL BUF
Total/NA	Analysis	8082A		1	582977	05/27/21 21:39	DSC	TAL BUF
Total/NA	Prep	3535			167414	05/28/21 16:14	EK	TAL BUR
Total/NA	Analysis	537 (modified)		1	167465	06/01/21 22:35	BWC	TAL BUR
Total/NA	Prep	3005A			582229	05/24/21 14:40	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582853	05/26/21 14:56	LMH	TAL BUF
Total/NA	Prep	7470A			582432	05/25/21 13:34	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582634	05/25/21 17:16	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	582077	05/21/21 13:35	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582197	05/22/21 16:46	CSS	TAL BUF

Client Sample ID: PPE-SED

Date Collected: 05/18/21 15:30

Date Received: 05/20/21 08:00

Lab Sample ID: 480-184959-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	581929	05/20/21 16:59	IMZ	TAL BUF

Client Sample ID: PPE-SED

Date Collected: 05/18/21 15:30

Date Received: 05/20/21 08:00

Lab Sample ID: 480-184959-11

Matrix: Solid

Percent Solids: 68.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			581934	05/20/21 17:26	CDC	TAL BUF
Total/NA	Analysis	8260C		1	581938	05/20/21 22:46	CDC	TAL BUF
Total/NA	Prep	3550C			582929	05/27/21 10:04	VXF	TAL BUF
Total/NA	Analysis	8082A		1	582975	05/28/21 02:44	NC	TAL BUF
Total/NA	Prep	SHAKE			167231	05/25/21 08:44	KFW	TAL BUR
Total/NA	Analysis	537 (modified)		1	167296	05/26/21 17:40	BWC	TAL BUR
Total/NA	Prep	3050B			582417	05/24/21 17:54	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582717	05/26/21 00:30	LMH	TAL BUF
Total/NA	Prep	7471B			582628	05/26/21 15:55	BMB	TAL BUF
Total/NA	Analysis	7471B		1	582846	05/26/21 19:30	BMB	TAL BUF

Client Sample ID: CELL 3

Date Collected: 05/18/21 13:10

Date Received: 05/20/21 08:00

Lab Sample ID: 480-184959-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	581929	05/20/21 16:59	IMZ	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CELL 3

Lab Sample ID: 480-184959-12

Date Collected: 05/18/21 13:10

Matrix: Solid

Date Received: 05/20/21 08:00

Percent Solids: 16.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			581934	05/20/21 17:26	CDC	TAL BUF
Total/NA	Analysis	8260C		1	581938	05/20/21 23:10	CDC	TAL BUF
Total/NA	Prep	3550C			582929	05/27/21 10:04	VXF	TAL BUF
Total/NA	Analysis	8082A		1	582975	05/28/21 02:57	NC	TAL BUF
Total/NA	Prep	SHAKE			167231	05/25/21 08:44	KFW	TAL BUR
Total/NA	Analysis	537 (modified)		1	167296	05/26/21 17:49	BWC	TAL BUR
Total/NA	Prep	3050B			582417	05/24/21 17:54	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582717	05/26/21 00:33	LMH	TAL BUF
Total/NA	Prep	7471B			582628	05/26/21 15:55	BMB	TAL BUF
Total/NA	Analysis	7471B		1	582846	05/26/21 19:32	BMB	TAL BUF

Client Sample ID: CELL 2

Lab Sample ID: 480-184959-13

Date Collected: 05/18/21 13:45

Matrix: Solid

Date Received: 05/20/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	581929	05/20/21 16:59	IMZ	TAL BUF

Client Sample ID: CELL 2

Lab Sample ID: 480-184959-13

Date Collected: 05/18/21 13:45

Matrix: Solid

Date Received: 05/20/21 08:00

Percent Solids: 15.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			581934	05/20/21 17:26	CDC	TAL BUF
Total/NA	Analysis	8260C		1	581938	05/20/21 23:35	CDC	TAL BUF
Total/NA	Prep	3550C			582929	05/27/21 10:04	VXF	TAL BUF
Total/NA	Analysis	8082A		1	582975	05/28/21 03:10	NC	TAL BUF
Total/NA	Prep	SHAKE			167231	05/25/21 08:44	KFW	TAL BUR
Total/NA	Analysis	537 (modified)		1	167296	05/26/21 17:57	BWC	TAL BUR
Total/NA	Prep	3050B			582417	05/24/21 17:54	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582717	05/26/21 00:37	LMH	TAL BUF
Total/NA	Prep	7471B			582628	05/26/21 15:55	BMB	TAL BUF
Total/NA	Analysis	7471B		1	582846	05/26/21 19:33	BMB	TAL BUF

Client Sample ID: CELL 1

Lab Sample ID: 480-184959-14

Date Collected: 05/18/21 14:50

Matrix: Solid

Date Received: 05/20/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	581929	05/20/21 16:59	IMZ	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: CELL 1

Lab Sample ID: 480-184959-14

Date Collected: 05/18/21 14:50

Matrix: Solid

Date Received: 05/20/21 08:00

Percent Solids: 80.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			581934	05/20/21 17:26	CDC	TAL BUF
Total/NA	Analysis	8260C		1	581938	05/20/21 23:59	CDC	TAL BUF
Total/NA	Prep	3550C			582929	05/27/21 10:04	VXF	TAL BUF
Total/NA	Analysis	8082A		1	582975	05/28/21 03:23	NC	TAL BUF
Total/NA	Prep	SHAKE			167231	05/25/21 08:44	KFW	TAL BUR
Total/NA	Analysis	537 (modified)		1	167296	05/26/21 18:05	BWC	TAL BUR
Total/NA	Prep	3050B			582417	05/24/21 17:54	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582717	05/26/21 00:52	LMH	TAL BUF
Total/NA	Prep	7471B			582628	05/26/21 15:55	BMB	TAL BUF
Total/NA	Analysis	7471B		1	582846	05/26/21 19:34	BMB	TAL BUF

Client Sample ID: PPI

Lab Sample ID: 480-184959-15

Date Collected: 05/18/21 15:45

Matrix: Water

Date Received: 05/20/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582386	05/25/21 03:28	CRL	TAL BUF
Total/NA	Prep	3510C			581896	05/20/21 14:57	ATG	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	582352	05/25/21 03:34	PJQ	TAL BUF
Total/NA	Prep	3510C			582777	05/26/21 15:25	ATG	TAL BUF
Total/NA	Analysis	8082A		1	582977	05/27/21 21:52	DSC	TAL BUF
Total/NA	Prep	3535			167414	05/28/21 16:14	EK	TAL BUR
Total/NA	Analysis	537 (modified)		1	167465	06/01/21 22:51	BWC	TAL BUR
Total/NA	Prep	3005A			582229	05/24/21 14:40	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582853	05/26/21 15:00	LMH	TAL BUF
Total/NA	Prep	7470A			582432	05/25/21 13:34	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582634	05/25/21 17:18	BMB	TAL BUF

Client Sample ID: PPI-SED

Lab Sample ID: 480-184959-16

Date Collected: 05/18/21 16:15

Matrix: Solid

Date Received: 05/20/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	581929	05/20/21 16:59	IMZ	TAL BUF

Client Sample ID: PPI-SED

Lab Sample ID: 480-184959-16

Date Collected: 05/18/21 16:15

Matrix: Solid

Date Received: 05/20/21 08:00

Percent Solids: 41.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			581934	05/20/21 17:26	CDC	TAL BUF
Total/NA	Analysis	8260C		1	581938	05/21/21 00:24	CDC	TAL BUF
Total/NA	Prep	3550C			582929	05/27/21 10:04	VXF	TAL BUF
Total/NA	Analysis	8082A		1	582975	05/28/21 03:35	NC	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: PPI-SED

Date Collected: 05/18/21 16:15

Date Received: 05/20/21 08:00

Lab Sample ID: 480-184959-16

Matrix: Solid

Percent Solids: 41.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			167231	05/25/21 08:44	KFW	TAL BUR
Total/NA	Analysis	537 (modified)		1	167296	05/26/21 18:14	BWC	TAL BUR
Total/NA	Prep	3050B			582417	05/24/21 17:54	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582717	05/26/21 00:56	LMH	TAL BUF
Total/NA	Prep	7471B			582628	05/26/21 15:55	BMB	TAL BUF
Total/NA	Analysis	7471B		1	582846	05/26/21 19:36	BMB	TAL BUF

Client Sample ID: TRIP BLANK-1

Date Collected: 05/18/21 12:55

Date Received: 05/20/21 08:00

Lab Sample ID: 480-184959-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582386	05/25/21 03:51	CRL	TAL BUF

Client Sample ID: MW-6

Date Collected: 05/18/21 10:30

Date Received: 05/20/21 08:00

Lab Sample ID: 480-184959-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582386	05/25/21 04:15	CRL	TAL BUF
Total/NA	Prep	3510C			581896	05/20/21 14:57	ATG	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	582351	05/24/21 21:31	PJQ	TAL BUF
Total/NA	Prep	3510C			582777	05/26/21 15:25	ATG	TAL BUF
Total/NA	Analysis	8082A		1	582977	05/27/21 19:06	DSC	TAL BUF
Total/NA	Prep	3535			167414	05/28/21 16:14	EK	TAL BUR
Total/NA	Analysis	537 (modified)		1	167465	06/01/21 23:00	BWC	TAL BUR
Total/NA	Prep	3005A			582229	05/24/21 14:40	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582853	05/26/21 15:04	LMH	TAL BUF
Total/NA	Prep	7470A			582432	05/25/21 13:34	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582634	05/25/21 17:19	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	582077	05/21/21 13:35	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582197	05/22/21 16:46	CSS	TAL BUF

Client Sample ID: MW-6A

Date Collected: 05/18/21 10:35

Date Received: 05/20/21 08:00

Lab Sample ID: 480-184959-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582386	05/25/21 04:38	CRL	TAL BUF
Total/NA	Prep	3510C			581900	05/20/21 15:09	ATG	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	582351	05/24/21 17:54	PJQ	TAL BUF
Total/NA	Prep	3510C			582777	05/26/21 15:25	ATG	TAL BUF
Total/NA	Analysis	8082A		1	582977	05/27/21 22:05	DSC	TAL BUF
Total/NA	Prep	3535			167414	05/28/21 16:14	EK	TAL BUR
Total/NA	Analysis	537 (modified)		1	167465	06/01/21 23:24	BWC	TAL BUR

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-6A

Date Collected: 05/18/21 10:35

Date Received: 05/20/21 08:00

Lab Sample ID: 480-184959-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			582229	05/24/21 14:40	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582853	05/26/21 15:33	LMH	TAL BUF
Total/NA	Prep	3005A			582229	05/24/21 14:40	KMP	TAL BUF
Total/NA	Analysis	6010C		1	583183	05/27/21 12:24	AMH	TAL BUF
Total/NA	Prep	7470A			582432	05/25/21 13:34	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582634	05/25/21 17:27	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	582077	05/21/21 13:35	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582197	05/22/21 16:46	CSS	TAL BUF

Client Sample ID: MW-6B

Date Collected: 05/18/21 12:25

Date Received: 05/20/21 08:00

Lab Sample ID: 480-184959-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582386	05/25/21 05:01	CRL	TAL BUF
Total/NA	Prep	3510C			581900	05/20/21 15:09	ATG	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	582351	05/24/21 18:17	PJQ	TAL BUF
Total/NA	Prep	3510C			582777	05/26/21 15:25	ATG	TAL BUF
Total/NA	Analysis	8082A		1	582977	05/27/21 22:18	DSC	TAL BUF
Total/NA	Prep	3535			167414	05/28/21 16:14	EK	TAL BUR
Total/NA	Analysis	537 (modified)		1	167465	06/01/21 23:33	BWC	TAL BUR
Total/NA	Prep	3005A			582229	05/24/21 14:40	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582853	05/26/21 15:37	LMH	TAL BUF
Total/NA	Prep	3005A			582229	05/24/21 14:40	KMP	TAL BUF
Total/NA	Analysis	6010C		1	583183	05/27/21 12:27	AMH	TAL BUF
Total/NA	Prep	7470A			582432	05/25/21 13:34	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582634	05/25/21 17:28	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	582077	05/21/21 13:35	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582197	05/22/21 16:46	CSS	TAL BUF

Client Sample ID: MW-7

Date Collected: 05/18/21 14:45

Date Received: 05/20/21 08:00

Lab Sample ID: 480-184959-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582665	05/26/21 12:24	CRL	TAL BUF
Total/NA	Prep	3510C			581900	05/20/21 15:09	ATG	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	582351	05/24/21 18:42	PJQ	TAL BUF
Total/NA	Prep	3510C			582777	05/26/21 15:25	ATG	TAL BUF
Total/NA	Analysis	8082A		1	582977	05/27/21 22:31	DSC	TAL BUF
Total/NA	Prep	3535			167414	05/28/21 16:14	EK	TAL BUR
Total/NA	Analysis	537 (modified)		1	167465	06/01/21 23:41	BWC	TAL BUR
Total/NA	Prep	3005A			582229	05/24/21 14:40	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582853	05/26/21 15:41	LMH	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-7

Lab Sample ID: 480-184959-21

Date Collected: 05/18/21 14:45

Matrix: Water

Date Received: 05/20/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			582229	05/24/21 14:40	KMP	TAL BUF
Total/NA	Analysis	6010C		1	583183	05/27/21 12:31	AMH	TAL BUF
Total/NA	Prep	7470A			582433	05/25/21 13:34	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582634	05/25/21 17:32	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	582077	05/21/21 13:35	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582197	05/22/21 16:46	CSS	TAL BUF

Client Sample ID: MW-1D

Lab Sample ID: 480-184959-22

Date Collected: 05/18/21 14:45

Matrix: Water

Date Received: 05/20/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582665	05/26/21 12:48	CRL	TAL BUF
Total/NA	Prep	3510C			581900	05/20/21 15:09	ATG	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	582351	05/24/21 19:06	PJQ	TAL BUF
Total/NA	Prep	3510C			582777	05/26/21 15:25	ATG	TAL BUF
Total/NA	Analysis	8082A		1	582977	05/27/21 22:43	DSC	TAL BUF
Total/NA	Prep	3535			167414	05/28/21 16:14	EK	TAL BUR
Total/NA	Analysis	537 (modified)		1	167465	06/01/21 23:49	BWC	TAL BUR
Total/NA	Prep	3005A			582229	05/24/21 14:40	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582853	05/26/21 15:45	LMH	TAL BUF
Total/NA	Prep	3005A			582229	05/24/21 14:40	KMP	TAL BUF
Total/NA	Analysis	6010C		1	583183	05/27/21 12:35	AMH	TAL BUF
Total/NA	Prep	7470A			582433	05/25/21 13:34	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582634	05/25/21 17:33	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	582077	05/21/21 13:35	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582197	05/22/21 16:46	CSS	TAL BUF

Client Sample ID: DUP-SED

Lab Sample ID: 480-184959-23

Date Collected: 05/18/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	581929	05/20/21 16:59	IMZ	TAL BUF

Client Sample ID: DUP-SED

Lab Sample ID: 480-184959-23

Date Collected: 05/18/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:00

Percent Solids: 54.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			581934	05/20/21 17:26	CDC	TAL BUF
Total/NA	Analysis	8260C		1	581938	05/21/21 00:48	CDC	TAL BUF
Total/NA	Prep	3550C			582929	05/27/21 10:04	VXF	TAL BUF
Total/NA	Analysis	8082A		1	582975	05/28/21 03:48	NC	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: DUP-SED

Lab Sample ID: 480-184959-23

Date Collected: 05/18/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:00

Percent Solids: 54.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			167231	05/25/21 08:44	KFW	TAL BUR
Total/NA	Analysis	537 (modified)		1	167296	05/26/21 18:22	BWC	TAL BUR
Total/NA	Prep	3050B			582417	05/24/21 17:54	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582717	05/26/21 00:59	LMH	TAL BUF
Total/NA	Prep	7471B			582628	05/26/21 15:55	BMB	TAL BUF
Total/NA	Analysis	7471B		1	582846	05/26/21 19:39	BMB	TAL BUF

Client Sample ID: DUP-SW

Lab Sample ID: 480-184959-24

Date Collected: 05/18/21 00:00

Matrix: Water

Date Received: 05/20/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582665	05/26/21 13:11	CRL	TAL BUF
Total/NA	Prep	3510C			581900	05/20/21 15:09	ATG	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	582351	05/24/21 19:30	PJQ	TAL BUF
Total/NA	Prep	3510C			582777	05/26/21 15:25	ATG	TAL BUF
Total/NA	Analysis	8082A		1	582977	05/27/21 22:56	DSC	TAL BUF
Total/NA	Prep	3535			167414	05/28/21 16:14	EK	TAL BUR
Total/NA	Analysis	537 (modified)		1	167465	06/01/21 23:58	BWC	TAL BUR
Total/NA	Prep	3005A			582229	05/24/21 14:40	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582853	05/26/21 15:48	LMH	TAL BUF
Total/NA	Prep	3005A			582229	05/24/21 14:40	KMP	TAL BUF
Total/NA	Analysis	6010C		1	583183	05/27/21 12:39	AMH	TAL BUF
Total/NA	Prep	7470A			582433	05/25/21 13:34	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582634	05/25/21 17:35	BMB	TAL BUF

Client Sample ID: MW-5

Lab Sample ID: 480-185032-1

Date Collected: 05/20/21 09:40

Matrix: Water

Date Received: 05/21/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	582668	05/26/21 13:23	CRL	TAL BUF
Total/NA	Prep	3510C			582291	05/24/21 08:42	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		20	582988	05/27/21 14:41	RJS	TAL BUF
Total/NA	Prep	3510C			583031	05/27/21 14:46	ATG	TAL BUF
Total/NA	Analysis	8082A		1	583151	05/28/21 11:58	W1T	TAL BUF
Total/NA	Prep	3535			167447	06/01/21 11:55	KFW	TAL BUR
Total/NA	Analysis	537 (modified)		1	167493	06/02/21 19:28	BWC	TAL BUR

Client Sample ID: MW-11

Lab Sample ID: 480-185032-2

Date Collected: 05/20/21 08:40

Matrix: Water

Date Received: 05/21/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582668	05/26/21 13:45	CRL	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-11

Date Collected: 05/20/21 08:40

Date Received: 05/21/21 08:00

Lab Sample ID: 480-185032-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			582291	05/24/21 08:42	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	582807	05/26/21 23:35	RJS	TAL BUF
Total/NA	Prep	3510C			583031	05/27/21 14:46	ATG	TAL BUF
Total/NA	Analysis	8082A		1	583151	05/28/21 12:11	W1T	TAL BUF
Total/NA	Prep	3535			167447	06/01/21 11:55	KFW	TAL BUR
Total/NA	Analysis	537 (modified)		1	167493	06/02/21 19:36	BWC	TAL BUR
Total/NA	Prep	3005A			582797	05/26/21 17:25	ADM	TAL BUF
Total/NA	Analysis	6010C		1	583177	05/27/21 20:08	AMH	TAL BUF
Total/NA	Prep	7470A			582433	05/25/21 13:34	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582634	05/25/21 17:57	BMB	TAL BUF

Client Sample ID: MW-16

Date Collected: 05/20/21 09:30

Date Received: 05/21/21 08:00

Lab Sample ID: 480-185032-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582668	05/26/21 14:08	CRL	TAL BUF
Total/NA	Prep	3510C			582291	05/24/21 08:42	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	582807	05/26/21 23:58	RJS	TAL BUF
Total/NA	Prep	3510C			583031	05/27/21 14:46	ATG	TAL BUF
Total/NA	Analysis	8082A		1	583151	05/28/21 12:24	W1T	TAL BUF
Total/NA	Prep	3535			167447	06/01/21 11:55	KFW	TAL BUR
Total/NA	Analysis	537 (modified)		1	167493	06/02/21 19:44	BWC	TAL BUR
Total/NA	Prep	3535	DL		167447	06/01/21 11:55	KFW	TAL BUR
Total/NA	Analysis	537 (modified)	DL	5	167551	06/03/21 14:04	BWC	TAL BUR
Total/NA	Prep	3005A			582797	05/26/21 17:25	ADM	TAL BUF
Total/NA	Analysis	6010C		1	583177	05/27/21 20:23	AMH	TAL BUF
Total/NA	Prep	7470A			582433	05/25/21 13:34	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582634	05/25/21 17:58	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	582547	05/25/21 10:57	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582198	05/22/21 16:47	CSS	TAL BUF

Client Sample ID: Unnamed Pond-SW

Date Collected: 05/20/21 11:10

Date Received: 05/21/21 08:00

Lab Sample ID: 480-185032-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582668	05/26/21 14:30	CRL	TAL BUF
Total/NA	Prep	3510C			582291	05/24/21 08:42	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		5	582807	05/27/21 00:22	RJS	TAL BUF
Total/NA	Prep	3510C			583031	05/27/21 14:46	ATG	TAL BUF
Total/NA	Analysis	8082A		1	583151	05/28/21 12:36	W1T	TAL BUF
Total/NA	Prep	3535			167447	06/01/21 11:55	KFW	TAL BUR
Total/NA	Analysis	537 (modified)		1	167493	06/02/21 19:52	BWC	TAL BUR

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: Unnamed Pond-SW

Lab Sample ID: 480-185032-4

Date Collected: 05/20/21 11:10

Matrix: Water

Date Received: 05/21/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			582797	05/26/21 17:25	ADM	TAL BUF
Total/NA	Analysis	6010C		1	583177	05/27/21 20:26	AMH	TAL BUF
Total/NA	Prep	7470A			582433	05/25/21 13:34	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582634	05/25/21 17:59	BMB	TAL BUF

Client Sample ID: Unnamed Pond-SED

Lab Sample ID: 480-185032-5

Date Collected: 05/20/21 11:20

Matrix: Solid

Date Received: 05/21/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	583306	05/28/21 23:28	CLA	TAL BUF

Client Sample ID: Unnamed Pond-SED

Lab Sample ID: 480-185032-5

Date Collected: 05/20/21 11:20

Matrix: Solid

Date Received: 05/21/21 08:00

Percent Solids: 56.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			582411	05/24/21 16:47	CDC	TAL BUF
Total/NA	Analysis	8260C		1	582413	05/25/21 03:19	CDC	TAL BUF
Total/NA	Prep	3550C			582659	05/26/21 07:34	SMP	TAL BUF
Total/NA	Analysis	8082A		1	582847	05/27/21 01:14	W1T	TAL BUF
Total/NA	Prep	SHAKE			167432	06/01/21 08:22	KFW	TAL BUR
Total/NA	Analysis	537 (modified)		1	167511	06/03/21 02:47	BWC	TAL BUR
Total/NA	Prep	3050B			582417	05/24/21 17:54	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582717	05/26/21 01:03	LMH	TAL BUF
Total/NA	Prep	7471B			582628	05/26/21 15:55	BMB	TAL BUF
Total/NA	Analysis	7471B		1	582846	05/26/21 19:25	BMB	TAL BUF

Client Sample ID: GFFC-1-SW

Lab Sample ID: 480-185032-6

Date Collected: 05/20/21 12:10

Matrix: Water

Date Received: 05/21/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582668	05/26/21 14:52	CRL	TAL BUF
Total/NA	Prep	3510C			582291	05/24/21 08:42	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		5	582807	05/27/21 00:46	RJS	TAL BUF
Total/NA	Prep	3510C			583031	05/27/21 14:46	ATG	TAL BUF
Total/NA	Analysis	8082A		1	583151	05/28/21 12:49	W1T	TAL BUF
Total/NA	Prep	3535			167447	06/01/21 11:55	KFW	TAL BUR
Total/NA	Analysis	537 (modified)		1	167493	06/02/21 20:01	BWC	TAL BUR
Total/NA	Prep	3005A			582797	05/26/21 17:25	ADM	TAL BUF
Total/NA	Analysis	6010C		1	583177	05/27/21 20:30	AMH	TAL BUF
Total/NA	Prep	7470A			582433	05/25/21 13:34	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582634	05/25/21 18:01	BMB	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: GFFC-1-SED

Lab Sample ID: 480-185032-7

Date Collected: 05/20/21 12:20

Matrix: Solid

Date Received: 05/21/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	583306	05/28/21 23:28	CLA	TAL BUF

Client Sample ID: GFFC-1-SED

Lab Sample ID: 480-185032-7

Date Collected: 05/20/21 12:20

Matrix: Solid

Date Received: 05/21/21 08:00

Percent Solids: 59.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			582616	05/25/21 17:08	CDC	TAL BUF
Total/NA	Analysis	8260C		1	582620	05/25/21 20:55	WJD	TAL BUF
Total/NA	Prep	3550C			582659	05/26/21 07:34	SMP	TAL BUF
Total/NA	Analysis	8082A		1	582847	05/27/21 01:27	W1T	TAL BUF
Total/NA	Prep	SHAKE			167432	06/01/21 08:22	KFW	TAL BUR
Total/NA	Analysis	537 (modified)		1	167511	06/03/21 02:55	BWC	TAL BUR
Total/NA	Prep	3050B			582417	05/24/21 17:54	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582717	05/26/21 01:07	LMH	TAL BUF
Total/NA	Prep	7471B			582628	05/26/21 15:55	BMB	TAL BUF
Total/NA	Analysis	7471B		1	582846	05/26/21 19:26	BMB	TAL BUF

Client Sample ID: GFFC-2-SW

Lab Sample ID: 480-185032-8

Date Collected: 05/20/21 13:30

Matrix: Water

Date Received: 05/21/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582668	05/26/21 15:15	CRL	TAL BUF
Total/NA	Prep	3510C			582291	05/24/21 08:42	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		5	582807	05/27/21 01:10	RJS	TAL BUF
Total/NA	Prep	3510C			583031	05/27/21 14:46	ATG	TAL BUF
Total/NA	Analysis	8082A		1	583151	05/28/21 13:02	W1T	TAL BUF
Total/NA	Prep	3535			167447	06/01/21 11:55	KFW	TAL BUR
Total/NA	Analysis	537 (modified)		1	167493	06/02/21 20:09	BWC	TAL BUR
Total/NA	Prep	3005A			582797	05/26/21 17:25	ADM	TAL BUF
Total/NA	Analysis	6010C		1	583177	05/27/21 20:34	AMH	TAL BUF
Total/NA	Prep	7470A			582433	05/25/21 13:34	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582634	05/25/21 18:02	BMB	TAL BUF

Client Sample ID: GFFC-2-SED

Lab Sample ID: 480-185032-9

Date Collected: 05/20/21 13:40

Matrix: Solid

Date Received: 05/21/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	583306	05/28/21 23:28	CLA	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: GFFC-2-SED

Lab Sample ID: 480-185032-9

Date Collected: 05/20/21 13:40

Matrix: Solid

Date Received: 05/21/21 08:00

Percent Solids: 68.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			582616	05/25/21 17:08	CDC	TAL BUF
Total/NA	Analysis	8260C		1	582620	05/25/21 21:19	WJD	TAL BUF
Total/NA	Prep	3550C			582659	05/26/21 07:34	SMP	TAL BUF
Total/NA	Analysis	8082A		1	582847	05/27/21 01:40	W1T	TAL BUF
Total/NA	Prep	SHAKE			167432	06/01/21 08:22	KFW	TAL BUR
Total/NA	Analysis	537 (modified)		1	167511	06/03/21 03:04	BWC	TAL BUR
Total/NA	Prep	3050B			582417	05/24/21 17:54	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582717	05/26/21 01:11	LMH	TAL BUF
Total/NA	Prep	7471B			582628	05/26/21 15:55	BMB	TAL BUF
Total/NA	Analysis	7471B		1	582846	05/26/21 19:28	BMB	TAL BUF

Client Sample ID: GFFC-3-SW

Lab Sample ID: 480-185032-10

Date Collected: 05/20/21 12:50

Matrix: Water

Date Received: 05/21/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582668	05/26/21 15:37	CRL	TAL BUF
Total/NA	Prep	3510C			582291	05/24/21 08:42	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		5	582807	05/27/21 01:34	RJS	TAL BUF
Total/NA	Prep	3510C			583031	05/27/21 14:46	ATG	TAL BUF
Total/NA	Analysis	8082A		1	583151	05/28/21 13:15	W1T	TAL BUF
Total/NA	Prep	3535			167447	06/01/21 11:55	KFW	TAL BUR
Total/NA	Analysis	537 (modified)		1	167493	06/02/21 20:17	BWC	TAL BUR
Total/NA	Prep	3005A			582797	05/26/21 17:25	ADM	TAL BUF
Total/NA	Analysis	6010C		1	583177	05/27/21 20:52	AMH	TAL BUF
Total/NA	Prep	7470A			582433	05/25/21 13:34	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582634	05/25/21 18:03	BMB	TAL BUF

Client Sample ID: GFFC-3-SED

Lab Sample ID: 480-185032-11

Date Collected: 05/20/21 13:00

Matrix: Solid

Date Received: 05/21/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	583487	06/01/21 16:15	JMM	TAL BUF

Client Sample ID: GFFC-3-SED

Lab Sample ID: 480-185032-11

Date Collected: 05/20/21 13:00

Matrix: Solid

Date Received: 05/21/21 08:00

Percent Solids: 49.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			582616	05/25/21 17:08	CDC	TAL BUF
Total/NA	Analysis	8260C		1	582620	05/25/21 21:43	WJD	TAL BUF
Total/NA	Prep	3550C			582659	05/26/21 07:34	SMP	TAL BUF
Total/NA	Analysis	8082A		1	582847	05/27/21 01:52	W1T	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: GFFC-3-SED

Date Collected: 05/20/21 13:00

Date Received: 05/21/21 08:00

Lab Sample ID: 480-185032-11

Matrix: Solid

Percent Solids: 49.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			167432	06/01/21 08:22	KFW	TAL BUR
Total/NA	Analysis	537 (modified)		1	167511	06/03/21 03:28	BWC	TAL BUR
Total/NA	Prep	3050B			582417	05/24/21 17:54	KMP	TAL BUF
Total/NA	Analysis	6010C		1	582717	05/26/21 01:14	LMH	TAL BUF
Total/NA	Prep	7471B			582628	05/26/21 15:55	BMB	TAL BUF
Total/NA	Analysis	7471B		1	582846	05/26/21 19:29	BMB	TAL BUF

Client Sample ID: Trip Blank-3

Date Collected: 05/19/21 00:00

Date Received: 05/21/21 08:00

Lab Sample ID: 480-185032-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582671	05/26/21 13:17	CRL	TAL BUF

Client Sample ID: MW-1

Date Collected: 05/19/21 09:05

Date Received: 05/21/21 08:00

Lab Sample ID: 480-185032-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582668	05/26/21 15:59	CRL	TAL BUF
Total/NA	Prep	3510C			582291	05/24/21 08:42	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	582807	05/27/21 01:57	RJS	TAL BUF
Total/NA	Prep	3510C			583031	05/27/21 14:46	ATG	TAL BUF
Total/NA	Analysis	8082A		1	583151	05/28/21 13:28	W1T	TAL BUF
Total/NA	Prep	3535			167447	06/01/21 11:55	KFW	TAL BUR
Total/NA	Analysis	537 (modified)		1	167493	06/02/21 20:26	BWC	TAL BUR
Total/NA	Prep	3005A			582797	05/26/21 17:25	ADM	TAL BUF
Total/NA	Analysis	6010C		1	583177	05/27/21 21:07	AMH	TAL BUF
Total/NA	Prep	7470A			582433	05/25/21 13:34	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582634	05/25/21 18:05	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	582547	05/25/21 10:57	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582198	05/22/21 16:47	CSS	TAL BUF

Client Sample ID: MW-2A

Date Collected: 05/19/21 10:35

Date Received: 05/21/21 08:00

Lab Sample ID: 480-185032-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582668	05/26/21 16:22	CRL	TAL BUF
Total/NA	Prep	3510C			582291	05/24/21 08:42	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	582807	05/27/21 02:21	RJS	TAL BUF
Total/NA	Prep	3510C			583031	05/27/21 14:46	ATG	TAL BUF
Total/NA	Analysis	8082A		1	583151	05/28/21 13:41	W1T	TAL BUF
Total/NA	Prep	3535			167447	06/01/21 11:55	KFW	TAL BUR
Total/NA	Analysis	537 (modified)		1	167493	06/02/21 20:34	BWC	TAL BUR

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-2A

Lab Sample ID: 480-185032-14

Date Collected: 05/19/21 10:35

Matrix: Water

Date Received: 05/21/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			582797	05/26/21 17:25	ADM	TAL BUF
Total/NA	Analysis	6010C		1	583177	05/27/21 21:11	AMH	TAL BUF
Total/NA	Prep	7470A			582433	05/25/21 13:34	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582634	05/25/21 18:06	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	582547	05/25/21 10:57	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582198	05/22/21 16:47	CSS	TAL BUF

Client Sample ID: MW-1A

Lab Sample ID: 480-185032-15

Date Collected: 05/19/21 11:15

Matrix: Water

Date Received: 05/21/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582668	05/26/21 16:44	CRL	TAL BUF
Total/NA	Prep	3510C			582291	05/24/21 08:42	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	582807	05/27/21 02:45	RJS	TAL BUF
Total/NA	Prep	3510C			583031	05/27/21 14:46	ATG	TAL BUF
Total/NA	Analysis	8082A		1	583151	05/28/21 13:54	W1T	TAL BUF
Total/NA	Prep	3535			167447	06/01/21 11:55	KFW	TAL BUR
Total/NA	Analysis	537 (modified)		1	167493	06/02/21 20:42	BWC	TAL BUR
Total/NA	Prep	3005A			582797	05/26/21 17:25	ADM	TAL BUF
Total/NA	Analysis	6010C		1	583177	05/27/21 21:15	AMH	TAL BUF
Total/NA	Prep	7470A			582434	05/25/21 13:34	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582634	05/25/21 18:12	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	582547	05/25/21 10:57	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582198	05/22/21 16:47	CSS	TAL BUF

Client Sample ID: DUP-MW

Lab Sample ID: 480-185032-16

Date Collected: 05/19/21 10:00

Matrix: Water

Date Received: 05/21/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582668	05/26/21 17:06	CRL	TAL BUF
Total/NA	Prep	3510C			582291	05/24/21 08:42	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	582807	05/27/21 03:08	RJS	TAL BUF
Total/NA	Prep	3510C			583031	05/27/21 14:46	ATG	TAL BUF
Total/NA	Analysis	8082A		1	583151	05/28/21 14:06	W1T	TAL BUF
Total/NA	Prep	3535			167447	06/01/21 11:55	KFW	TAL BUR
Total/NA	Analysis	537 (modified)		1	167493	06/02/21 20:59	BWC	TAL BUR
Total/NA	Prep	3005A			582797	05/26/21 17:25	ADM	TAL BUF
Total/NA	Analysis	6010C		1	583177	05/27/21 21:18	AMH	TAL BUF
Total/NA	Prep	7470A			582434	05/25/21 13:34	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582634	05/25/21 18:14	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	582547	05/25/21 10:57	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582198	05/22/21 16:47	CSS	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-2

Lab Sample ID: 480-185032-17

Date Collected: 05/19/21 12:10

Matrix: Water

Date Received: 05/21/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582668	05/26/21 17:29	CRL	TAL BUF
Total/NA	Prep	3510C			582291	05/24/21 08:42	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	582807	05/27/21 03:32	RJS	TAL BUF
Total/NA	Prep	3510C			583031	05/27/21 14:46	ATG	TAL BUF
Total/NA	Analysis	8082A		1	583151	05/28/21 14:19	W1T	TAL BUF
Total/NA	Prep	3535			167447	06/01/21 11:55	KFW	TAL BUR
Total/NA	Analysis	537 (modified)		1	167493	06/02/21 21:07	BWC	TAL BUR
Total/NA	Prep	3005A			582797	05/26/21 17:25	ADM	TAL BUF
Total/NA	Analysis	6010C		1	583177	05/27/21 21:22	AMH	TAL BUF
Total/NA	Prep	7470A			582434	05/25/21 13:34	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582634	05/25/21 18:15	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	582547	05/25/21 10:57	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582198	05/22/21 16:47	CSS	TAL BUF

Client Sample ID: EB-1

Lab Sample ID: 480-185032-18

Date Collected: 05/19/21 13:30

Matrix: Water

Date Received: 05/21/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582671	05/26/21 13:40	CRL	TAL BUF
Total/NA	Prep	3510C			582291	05/24/21 08:42	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	582807	05/27/21 03:55	RJS	TAL BUF
Total/NA	Prep	3510C			583031	05/27/21 14:46	ATG	TAL BUF
Total/NA	Analysis	8082A		1	583151	05/28/21 14:32	W1T	TAL BUF
Total/NA	Prep	3535			167447	06/01/21 11:55	KFW	TAL BUR
Total/NA	Analysis	537 (modified)		1	167493	06/02/21 21:15	BWC	TAL BUR
Total/NA	Prep	3005A			582797	05/26/21 17:25	ADM	TAL BUF
Total/NA	Analysis	6010C		1	583177	05/27/21 21:26	AMH	TAL BUF
Total/NA	Prep	7470A			583008	05/27/21 13:55	BMB	TAL BUF
Total/NA	Analysis	7470A		1	583093	05/27/21 17:15	BMB	TAL BUF

Client Sample ID: FB-1

Lab Sample ID: 480-185032-19

Date Collected: 05/19/21 13:35

Matrix: Water

Date Received: 05/21/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582671	05/26/21 14:03	CRL	TAL BUF
Total/NA	Prep	3510C			582291	05/24/21 08:42	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	582807	05/27/21 04:19	RJS	TAL BUF
Total/NA	Prep	3510C			583031	05/27/21 14:46	ATG	TAL BUF
Total/NA	Analysis	8082A		1	583151	05/28/21 14:45	W1T	TAL BUF
Total/NA	Prep	3535			167447	06/01/21 11:55	KFW	TAL BUR
Total/NA	Analysis	537 (modified)		1	167493	06/02/21 21:24	BWC	TAL BUR

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: FB-1

Lab Sample ID: 480-185032-19

Date Collected: 05/19/21 13:35

Matrix: Water

Date Received: 05/21/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			582797	05/26/21 17:25	ADM	TAL BUF
Total/NA	Analysis	6010C		1	583177	05/27/21 21:30	AMH	TAL BUF
Total/NA	Prep	7470A			583008	05/27/21 13:55	BMB	TAL BUF
Total/NA	Analysis	7470A		1	583093	05/27/21 17:16	BMB	TAL BUF

Client Sample ID: MW-14A

Lab Sample ID: 480-185032-20

Date Collected: 05/19/21 13:55

Matrix: Water

Date Received: 05/21/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582668	05/26/21 17:51	CRL	TAL BUF
Total/NA	Prep	3510C			582291	05/24/21 08:42	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	582807	05/27/21 04:42	RJS	TAL BUF
Total/NA	Prep	3510C			583031	05/27/21 14:46	ATG	TAL BUF
Total/NA	Analysis	8082A		1	583151	05/28/21 15:24	W1T	TAL BUF
Total/NA	Prep	3535			167447	06/01/21 11:55	KFW	TAL BUR
Total/NA	Analysis	537 (modified)		1	167493	06/02/21 21:32	BWC	TAL BUR
Total/NA	Prep	3005A			582797	05/26/21 17:25	ADM	TAL BUF
Total/NA	Analysis	6010C		1	583177	05/27/21 21:33	AMH	TAL BUF
Total/NA	Prep	7470A			583008	05/27/21 13:55	BMB	TAL BUF
Total/NA	Analysis	7470A		1	583093	05/27/21 17:20	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	582547	05/25/21 10:57	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582198	05/22/21 16:47	CSS	TAL BUF

Client Sample ID: MW-14B

Lab Sample ID: 480-185032-21

Date Collected: 05/19/21 15:20

Matrix: Water

Date Received: 05/21/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582668	05/26/21 18:14	CRL	TAL BUF
Total/NA	Prep	3510C			582291	05/24/21 08:42	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	582807	05/27/21 05:06	RJS	TAL BUF
Total/NA	Prep	3510C			583031	05/27/21 14:46	ATG	TAL BUF
Total/NA	Analysis	8082A		1	583151	05/28/21 15:36	W1T	TAL BUF
Total/NA	Prep	3535			167447	06/01/21 11:55	KFW	TAL BUR
Total/NA	Analysis	537 (modified)		1	167493	06/02/21 21:40	BWC	TAL BUR
Total/NA	Prep	3005A			582797	05/26/21 17:25	ADM	TAL BUF
Total/NA	Analysis	6010C		1	583177	05/27/21 21:37	AMH	TAL BUF
Total/NA	Prep	7470A			583008	05/27/21 13:55	BMB	TAL BUF
Total/NA	Analysis	7470A		1	583093	05/27/21 17:21	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	582547	05/25/21 10:57	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582198	05/22/21 16:47	CSS	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Client Sample ID: MW-17

Date Collected: 05/19/21 15:30

Date Received: 05/21/21 08:00

Lab Sample ID: 480-185032-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	582668	05/26/21 18:36	CRL	TAL BUF
Total/NA	Prep	3510C			582291	05/24/21 08:42	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	582988	05/27/21 15:05	RJS	TAL BUF
Total/NA	Prep	3510C			583031	05/27/21 14:46	ATG	TAL BUF
Total/NA	Analysis	8082A		1	583151	05/28/21 15:49	W1T	TAL BUF
Total/NA	Prep	3535			167447	06/01/21 11:55	KFW	TAL BUR
Total/NA	Analysis	537 (modified)		1	167493	06/02/21 21:48	BWC	TAL BUR
Total/NA	Prep	3005A			582797	05/26/21 17:25	ADM	TAL BUF
Total/NA	Analysis	6010C		1	583177	05/27/21 21:52	AMH	TAL BUF
Total/NA	Prep	7470A			582434	05/25/21 13:34	BMB	TAL BUF
Total/NA	Analysis	7470A		1	582634	05/25/21 18:16	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	582547	05/25/21 10:57	JGO	TAL BUF
Total/NA	Analysis	SM 2540D		1	582198	05/22/21 16:47	CSS	TAL BUF

Client Sample ID: Trip Blank

Date Collected: 05/19/21 00:00

Date Received: 05/21/21 08:00

Lab Sample ID: 480-185032-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	582671	05/26/21 14:26	CRL	TAL BUF

Laboratory References:

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

TAL BUR = Eurofins TestAmerica, Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-22

Laboratory: Eurofins TestAmerica, Burlington

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10391	04-01-22

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
537 (modified)	3535	Water	6:2 FTS
537 (modified)	3535	Water	8:2 FTS
537 (modified)	3535	Water	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)
537 (modified)	3535	Water	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)
537 (modified)	3535	Water	Perfluorobutanesulfonic acid (PFBS)
537 (modified)	3535	Water	Perfluorobutanoic acid (PFBA)
537 (modified)	3535	Water	Perfluorodecanesulfonic acid (PFDS)
537 (modified)	3535	Water	Perfluorodecanoic acid (PFDA)
537 (modified)	3535	Water	Perfluorododecanoic acid (PFDoA)
537 (modified)	3535	Water	Perfluoroheptanesulfonic Acid (PFHpS)
537 (modified)	3535	Water	Perfluoroheptanoic acid (PFHpA)
537 (modified)	3535	Water	Perfluorohexanesulfonic acid (PFHxS)
537 (modified)	3535	Water	Perfluorohexanoic acid (PFHxA)
537 (modified)	3535	Water	Perfluorononanoic acid (PFNA)
537 (modified)	3535	Water	Perfluorooctanesulfonamide (FOSA)
537 (modified)	3535	Water	Perfluorooctanesulfonic acid (PFOS)
537 (modified)	3535	Water	Perfluorooctanoic acid (PFOA)
537 (modified)	3535	Water	Perfluoropentanoic acid (PFPeA)
537 (modified)	3535	Water	Perfluorotetradecanoic acid (PFTeA)
537 (modified)	3535	Water	Perfluorotridecanoic acid (PFTriA)
537 (modified)	3535	Water	Perfluoroundecanoic acid (PFUnA)
537 (modified)	SHAKE	Solid	1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)
537 (modified)	SHAKE	Solid	1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)
537 (modified)	SHAKE	Solid	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)
537 (modified)	SHAKE	Solid	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)
537 (modified)	SHAKE	Solid	Perfluorobutanesulfonic acid (PFBS)
537 (modified)	SHAKE	Solid	Perfluorobutanoic acid (PFBA)
537 (modified)	SHAKE	Solid	Perfluorodecanesulfonic acid (PFDS)
537 (modified)	SHAKE	Solid	Perfluorodecanoic acid (PFDA)
537 (modified)	SHAKE	Solid	Perfluorododecanoic acid (PFDoA)
537 (modified)	SHAKE	Solid	Perfluoroheptanesulfonic Acid (PFHpS)
537 (modified)	SHAKE	Solid	Perfluoroheptanoic acid (PFHpA)
537 (modified)	SHAKE	Solid	Perfluorohexanesulfonic acid (PFHxS)
537 (modified)	SHAKE	Solid	Perfluorohexanoic acid (PFHxA)
537 (modified)	SHAKE	Solid	Perfluorononanoic acid (PFNA)

Eurofins TestAmerica, Buffalo

Accreditation/Certification Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Laboratory: Eurofins TestAmerica, Burlington (Continued)

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10391	04-01-22
537 (modified)	SHAKE	Solid	Perfluorooctanesulfonamide (PFOSA)
537 (modified)	SHAKE	Solid	Perfluorooctanesulfonic acid (PFOS)
537 (modified)	SHAKE	Solid	Perfluorooctanoic acid (PFOA)
537 (modified)	SHAKE	Solid	Perfluoropentanoic acid (PFPeA)
537 (modified)	SHAKE	Solid	Perfluorotetradecanoic acid (PFTeA)
537 (modified)	SHAKE	Solid	Perfluorotridecanoic acid (PFTriA)
537 (modified)	SHAKE	Solid	Perfluoroundecanoic acid (PFUnA)

Method Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
537 (modified)	Fluorinated Alkyl Substances	EPA	TAL BUR
6010C	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF
7471B	Mercury (CVAA)	SW846	TAL BUF
9060A	Organic Carbon, Total (TOC)	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL BUF
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL BUF
3005A	Preparation, Total Metals	SW846	TAL BUF
3050B	Preparation, Metals	SW846	TAL BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL BUF
3535	Solid-Phase Extraction (SPE)	SW846	TAL BUR
3550C	Ultrasonic Extraction	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF
5035A_L	Closed System Purge and Trap	SW846	TAL BUF
7470A	Preparation, Mercury	SW846	TAL BUF
7471B	Preparation, Mercury	SW846	TAL BUF
SHAKE	Shake Extraction with Ultrasonic Bath Extraction	SW846	TAL BUR

Protocol References:

EPA = US Environmental Protection Agency

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

TAL BUR = Eurofins TestAmerica, Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-184888-1	MW-8	Water	05/17/21 10:00	05/19/21 08:00	
480-184888-2	MW-9	Water	05/17/21 09:55	05/19/21 08:00	
480-184888-3	MW-12A	Water	05/17/21 12:25	05/19/21 08:00	
480-184888-4	MW-13A	Water	05/17/21 13:30	05/19/21 08:00	
480-184888-5	MW-12B	Water	05/17/21 13:45	05/19/21 08:00	
480-184888-6	MW-13B	Water	05/17/21 15:05	05/19/21 08:00	
480-184888-7	MW-15	Water	05/17/21 16:40	05/19/21 08:00	
480-184959-1	EW-1	Water	05/18/21 11:07	05/20/21 08:00	
480-184959-2	EW-2	Water	05/18/21 10:33	05/20/21 08:00	
480-184959-3	EW-3	Water	05/18/21 10:03	05/20/21 08:00	
480-184959-4	EW-4	Water	05/18/21 11:35	05/20/21 08:00	
480-184959-5	INFLUENT	Water	05/18/21 09:35	05/20/21 08:00	
480-184959-6	CCT	Water	05/18/21 07:44	05/20/21 08:00	
480-184959-7	CELL 3 BYPASS	Water	05/18/21 13:30	05/20/21 08:00	
480-184959-8	CELL 2 EFFLUENT	Water	05/18/21 14:05	05/20/21 08:00	
480-184959-9	CELL 1 EFFLUENT	Water	05/18/21 14:30	05/20/21 08:00	
480-184959-10	PPE	Water	05/18/21 15:10	05/20/21 08:00	
480-184959-11	PPE-SED	Solid	05/18/21 15:30	05/20/21 08:00	
480-184959-12	CELL 3	Solid	05/18/21 13:10	05/20/21 08:00	
480-184959-13	CELL 2	Solid	05/18/21 13:45	05/20/21 08:00	
480-184959-14	CELL 1	Solid	05/18/21 14:50	05/20/21 08:00	
480-184959-15	PPI	Water	05/18/21 15:45	05/20/21 08:00	
480-184959-16	PPI-SED	Solid	05/18/21 16:15	05/20/21 08:00	
480-184959-17	TRIP BLANK-1	Water	05/18/21 12:55	05/20/21 08:00	
480-184959-18	MW-6	Water	05/18/21 10:30	05/20/21 08:00	
480-184959-19	MW-6A	Water	05/18/21 10:35	05/20/21 08:00	
480-184959-20	MW-6B	Water	05/18/21 12:25	05/20/21 08:00	
480-184959-21	MW-7	Water	05/18/21 14:45	05/20/21 08:00	
480-184959-22	MW-1D	Water	05/18/21 14:45	05/20/21 08:00	
480-184959-23	DUP-SED	Solid	05/18/21 00:00	05/20/21 08:00	
480-184959-24	DUP-SW	Water	05/18/21 00:00	05/20/21 08:00	
480-185032-1	MW-5	Water	05/20/21 09:40	05/21/21 08:00	
480-185032-2	MW-11	Water	05/20/21 08:40	05/21/21 08:00	
480-185032-3	MW-16	Water	05/20/21 09:30	05/21/21 08:00	
480-185032-4	Unnamed Pond-SW	Water	05/20/21 11:10	05/21/21 08:00	
480-185032-5	Unnamed Pond-SED	Solid	05/20/21 11:20	05/21/21 08:00	
480-185032-6	GFFC-1-SW	Water	05/20/21 12:10	05/21/21 08:00	
480-185032-7	GFFC-1-SED	Solid	05/20/21 12:20	05/21/21 08:00	
480-185032-8	GFFC-2-SW	Water	05/20/21 13:30	05/21/21 08:00	
480-185032-9	GFFC-2-SED	Solid	05/20/21 13:40	05/21/21 08:00	
480-185032-10	GFFC-3-SW	Water	05/20/21 12:50	05/21/21 08:00	
480-185032-11	GFFC-3-SED	Solid	05/20/21 13:00	05/21/21 08:00	
480-185032-12	Trip Blank-3	Water	05/19/21 00:00	05/21/21 08:00	
480-185032-13	MW-1	Water	05/19/21 09:05	05/21/21 08:00	
480-185032-14	MW-2A	Water	05/19/21 10:35	05/21/21 08:00	
480-185032-15	MW-1A	Water	05/19/21 11:15	05/21/21 08:00	
480-185032-16	DUP-MW	Water	05/19/21 10:00	05/21/21 08:00	
480-185032-17	MW-2	Water	05/19/21 12:10	05/21/21 08:00	
480-185032-18	EB-1	Water	05/19/21 13:30	05/21/21 08:00	
480-185032-19	FB-1	Water	05/19/21 13:35	05/21/21 08:00	
480-185032-20	MW-14A	Water	05/19/21 13:55	05/21/21 08:00	
480-185032-21	MW-14B	Water	05/19/21 15:20	05/21/21 08:00	
480-185032-22	MW-17	Water	05/19/21 15:30	05/21/21 08:00	

Eurofins TestAmerica, Buffalo

Sample Summary

Client: New York State D.E.C.
Project/Site: Fort Edward Landfill #558001

Job ID: 480-184888-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-185032-23	Trip Blank	Water	05/19/21 00:00	05/21/21 08:00	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Chain of Custody Record

Environment Testing
America

#224

Client Information		Lab PM:		Carrier Tracking No(s):		COC No:									
Client Contact: Jasmine Mullins		Stone, Judy L				480-159288-35039.1									
Company: ARCADIS U.S. Inc		E-Mail: Judy.Stone@Eurofinset.com		State of Origin:		Page: <i>1</i> Page 1 of <i>1</i>									
Address: 855 Route 146 Suite 210 City: Clifton Park State, Zip: NY, 12065 Phone: 518-402-9625(Tel) Email: jasmine.mullins@arcadis.com Project Name: Fort Edward Landfill #558001 Site:		Due Date Requested: <i>STANDARD</i> TAT Requested (days): <i>STANDARD</i> Compliance Project: ☐ Yes ☒ No PO #: Callout ID: 137562 WO #: Project #: 48021928 SSOW#:		Analysis Requested				Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3							
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastefl, BT=tissue, A=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7470A <i>Metals w/ Mercury</i>	8260C - TCL List VOAs	8270D - SIM MS ID - 1,4-Dioxane	2540D - TSS	2540C - Calcd - TDS	Total Number of c	Special Instructions/Note:
MW-8		5/17/2021	1000	G	Water	N	N	2	2	1	3	2	1	1	
MW-9		5/17/2021	0955	G	Water	N	N	2	2	1	3	2	1	1	
MW-12A		5/17/2021	1225	G	Water	N	N	2	2	1	3	2	1	1	
MW-13A		5/17/2021	1330	G	Water	N	N	2	2	1	3	2	1	1	
MW-12B		5/17/2021	1345	G	Water	N	N	2	2	1	3	2	1	1	
MW-13B		5/17/2021	1505	G	Water	N	N	2	2	1	3	2	1	1	
MW-15		5/17/2021	1640	G	Water	N	N	2	2	1	3	2	1	1	
					Water										
					Water										
					Water										
					Water										

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
Deliverable Requested: I, II, III, IV, Other (specify) <i>CAT.B. & NY/SD/EC EQMS EDD</i>		Return To Client ☐ Disposal By Lab ☐ Archive For ☐ Months			
Empty Kit Relinquished by:		Special Instructions/QC Requirements:			
Relinquished by: <i>K. Stilson</i>		Method of Shipment:			
Relinquished by: <i>Katy Zach</i>		Received by: <i>Katy Zach</i>			
Relinquished by:		Received by:			
Custody Seals Intact: ☐ Yes ☒ No		Cooler Temperature(s) °C and Other Remarks: <i>2.8, 3.1, 2.5 #1</i>			

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Client Information		Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-159500-35093.1										
Client Contact: Jasmine Mullins		E-Mail: Judy.Stone@Eurofinset.com	State of Origin:	Page 1 of 3										
Company: ARCADIS U.S. Inc		Job #:												
Address: 855 Route 146 Suite 210		Analysis Requested												
City: Clifton Park		Preservation Codes:												
State, Zip: NY, 12065		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 - ENA												
Phone: 518-402-9625(Tel)		M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO4 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5												
Email: jasmine.mullins@arcadis.com		960A - (MOD) TOC												
Project Name: Fort Edward Landfill #558001		Field Filtered Sample (Yes or No)												
Site: SSOW#		PFC, IDA - PFAS, Standard List (21) - BURLINGTON												
Due Date Requested: STANDARD		TAT Requested (days): STANDARD												
Compliance Project: ☐ Yes ☒ No		Callout ID: 137562												
PO #:		WO #:												
Project #:		48021928												
SSOW#:														
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Newater, Seawater, On-wastewater, BT-Tissue, A-Air)	Field Filtered Sample (Yes or No)	PFC, IDA - PFAS, Standard List (21) - BURLINGTON	960A - (MOD) TOC	60102, 7470 Metals w/ Mercury	87602 - TCC List w/As	82700 SIM-MSID-14-DXW	29100 - TSS	25400 - calc-TDS	
EW-1	5/18/2021	1107	G	Water	N	N	N	N	N	N	N	N	N	N
EW-2	5/18/2021	1033	G	Water	N	N	N	N	N	N	N	N	N	N
EW-3	5/18/2021	1003	G	Water	N	N	N	N	N	N	N	N	N	N
EW-4	5/18/2021	1135	G	Water	N	N	N	N	N	N	N	N	N	N
INFLUENT	5/18/2021	0935	G	Water	N	N	N	N	N	N	N	N	N	N
CCT	5/18/2021	0744	G	Water	N	N	N	N	N	N	N	N	N	N
CELL 3 BYPASS	5/18/2021	1330	G	Water	N	N	N	N	N	N	N	N	N	N
CELL 2 EFFLUENT	5/18/2021	1405	G	Water	N	N	N	N	N	N	N	N	N	N
CELL 1 EFFLUENT	5/18/2021	1430	G	Water	N	N	N	N	N	N	N	N	N	N
PPE	5/18/2021	1510	G	Water	N	N	N	N	N	N	N	N	N	N
PPE - SED	5/18/2021	1530	G	Water	N	N	N	N	N	N	N	N	N	N
Possible Hazard Identification		☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Unknown ☒ Radiological												
Deliverable Requested: I, II, III, IV, Other (specify)		CAT.B. & NY DEC EAUTS												
Empty Kit Relinquished by:		Date:												
Relinquished by: K 54/50m		Date/Time: 5/19/21 0800												
Relinquished by: New York		Date/Time: 5/19/21 1200												
Relinquished by:		Date/Time:												
Custody Seals Intact: ☐ Yes ☒ No		Custody Seal No.:												
Received by: New York		Date/Time: 5/19/21 1100												
Received by: Yum		Date/Time: 5-20-21 800												
Received by:		Date/Time:												
Cooler Temperature(s) °C and Other Remarks:		20 24 22 15 TCE #1												

Client Information		Sampler:	Lab PM:	Carrier Tracking No(s):	COC No:										
Client Contact: Jasmine Mullins		JM/NK/KS/CL	Stone, Judy L		480-159288-35039.2										
Company: ARCADIS U.S. Inc		Phone: 646-248-4208	E-Mail: Judy.Stone@Eurofinset.com	State of Origin:	Page: Page 2 of 3										
Address: 855 Route 146 Suite 210		PWSID:		Job #:											
City: Clifton Park		Analysis Requested													
State, Zip: NY, 12065		Due Date Requested:													
Phone: 518-402-9625(Tel)		TAT Requested (days):													
Email: jasmine.mullins@arcadis.com		Compliance Project: ☐ Yes ☐ No													
Project Name: Fort Edward Landfill #558001		PO #: Callout ID: 137562													
Site:		WO #:													
		Project #: 48021928													
		SSOW#:													
Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=ore, A=air)	Field Filtered Sample (Yes or No)	Prior to Sampling (Yes or No)	PFIC ID - PFAS, Standard List (21 Analytes)	8082A - TCL PCBs	6010C, 7470A Metals/Inorganics	8260C - TCL List VOAs	8270D - SIM, MS, ID - 1,4-Dioxane	2540D - TSS	2540C - Calcd - TDS	Total Number of Containers	Special Instructions/Note:
CEU3	5/18/2021	1310	G	Water	W	N	N	1	1	1	0	0	0	4	
CEU2	5/18/2021	1345	G	Water	W	N	N	1	1	1	0	0	0	4	
CEU1	5/18/2021	1450	G	Water	W	N	N	1	1	1	0	0	0	4	
PPI	5/18/2021	1545	G	Water	W	N	N	2	2	2	0	0	0	10	
PPI-SED	5/18/2021	1615	G	Water	W	N	N	1	1	1	0	0	0	4	
Trip Blank -1	5/18/2021	1255	G	Water	W	N	N	0	0	0	0	0	0	2	
MW-6	5/18/2021	1030	G	Water	W	N	N	2	2	1	3	2	1	12	
MW-6 MS	5/18/2021	1030	G	Water	W	N	N	2	2	1	3	2	1	12	MS
MW-6 MSD	5/18/2021	1030	G	Water	W	N	N	2	2	1	3	2	1	12	MSD
MW-6A	5/18/2021	1035	G	Water	W	N	N	2	2	1	3	2	1	12	
MW-6B	5/18/2021	1225	G	Water	W	N	N	2	2	1	3	2	1	12	

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

Deliverable Requested: I, II, III, IV, Other (specify) CATB NYSD DEC EQUIS EDO

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: K. Stilson	5/19/21	0800	Company
Relinquished by: Karl Seelbach	5/19/21	1700	Company
Relinquished by:			Company

Custody Seals Intact:	Custody Seal No.:
☐ Yes ☐ No	

Special Instructions/OC Requirements:
☐ Return To Client ☒ Disposal By Lab ☐ Archive For Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Company: *Stilson* Date/Time: *5/19/21 1100*

Company: *Seelbach* Date/Time: *5/19/21 1700*

Company: *Seelbach* Date/Time: *5/19/21 1700*

Cooler Temperature(s) °C and Other Remarks:

[illegible]

Client Information			Lab PM: Stone, Judy L			Carrier Tracking No(s): 480-159290-35041.1		
Client Contact: Jasmine Mullins			E-Mail: Judy.Stone@EuroInset.com			State of Origin: Page 1 of 2		
Company: ARCADIS U.S. Inc			PWSID:			Job #:		
Address: 855 Route 146 Suite 210			Due Date Requested: Standard			Analysis Requested:		
City: Clifton Park			TAT Requested (days): Standard			Preservation Codes: A - HCL B - NaOH		
State, Zip: NY, 12065			Compliance Project: Yes No			Barcode: 480-185032 Chain of Custody		
Phone: 518-402-9625(Tel)			PO #: 48021928			Other: 480-185032 Chain of Custody		
Email: jasmine.mullins@arcadis.com			WO #:			Special Instructions/Note:		
Project Name: Fort Edward Landfill #558001			SSOW#:			Total Number of		
Site:			Sample Identification			Special Instructions/Note:		
MW-5			Sample Date: 5/20/21			Sample Time: 0940		
MW-11			Sample Date: 5/20/21			Sample Time: 0840		
MW-16			Sample Date: 5/20/21			Sample Time: 0930		
Unnamed Pond-SW			Sample Date: 5/20/21			Sample Time: 1110		
Unnamed Pond-SW			Sample Date: 5/20/21			Sample Time: 1120		
GFFC-1-SW			Sample Date: 5/20/21			Sample Time: 1210		
GFFC-1-SW			Sample Date: 5/20/21			Sample Time: 1220		
GFFC-2-SW			Sample Date: 5/20/21			Sample Time: 1330		
GFFC-2-SW			Sample Date: 5/20/21			Sample Time: 1340		
GFFC-3-SW			Sample Date: 5/20/21			Sample Time: 1250		
GFFC-3-SW			Sample Date: 5/20/21			Sample Time: 1300		
Possible Hazard Identification			Sample Date: 5/20/21			Sample Time: 1300		
Non-Hazard			Sample Date: 5/20/21			Sample Time: 1300		
Flammable			Sample Date: 5/20/21			Sample Time: 1300		
Skin Irritant			Sample Date: 5/20/21			Sample Time: 1300		
Poison B			Sample Date: 5/20/21			Sample Time: 1300		
Radiological			Sample Date: 5/20/21			Sample Time: 1300		
Deliverable Requested: I, II, III, IV, Other (specify)			Sample Date: 5/20/21			Sample Time: 1300		
Cat B: NYSD DEC 60, 615			Sample Date: 5/20/21			Sample Time: 1300		
Empty Kit Relinquished by:			Sample Date: 5/20/21			Sample Time: 1300		
Relinquished by: 1616/Chinchill			Sample Date: 5/20/21			Sample Time: 1300		
Relinquished by: 1616/Chinchill			Sample Date: 5/20/21			Sample Time: 1300		
Relinquished by: 1616/Chinchill			Sample Date: 5/20/21			Sample Time: 1300		
Custody Seal No.:			Sample Date: 5/20/21			Sample Time: 1300		
Yes No			Sample Date: 5/20/21			Sample Time: 1300		
Custody Seal No.:			Sample Date: 5/20/21			Sample Time: 1300		
Yes No			Sample Date: 5/20/21			Sample Time: 1300		
Custody Seal No.:			Sample Date: 5/20/21			Sample Time: 1300		
Yes No			Sample Date: 5/20/21			Sample Time: 1300		
Custody Seal No.:			Sample Date: 5/20/21			Sample Time: 1300		
Yes No			Sample Date: 5/20/21			Sample Time: 1300		
Custody Seal No.:			Sample Date: 5/20/21			Sample Time: 1300		
Yes No			Sample Date: 5/20/21			Sample Time: 1300		
Custody Seal No.:			Sample Date: 5/20/21			Sample Time: 1300		
Yes No			Sample Date: 5/20/21			Sample Time: 1300		
Custody Seal No.:			Sample Date: 5/20/21			Sample Time: 1300		
Yes No			Sample Date: 5/20/21			Sample Time: 1300		
Custody Seal No.:			Sample Date: 5/20/21			Sample Time: 1300		
Yes No			Sample Date: 5/20/21			Sample Time: 1300		
Custody Seal No.:			Sample Date: 5/20/21			Sample Time: 1300		
Yes No			Sample Date: 5/20/21			Sample Time: 1300		
Custody Seal No.:			Sample Date: 5/20/21			Sample Time: 1300		
Yes No			Sample Date: 5/20/21			Sample Time: 1300		
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Yes No			Sample Date: 5/20/21			Sample Time: 1300		
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Custody Seal No.:			Sample Date: 5/20/21			Sample Time: 1300		
Yes No			Sample Date: 5/20/21			Sample Time: 1300		
Custody Seal No.:			Sample Date: 5/20/21			Sample Time: 1300		
Yes No			Sample Date: 5/20/21			Sample Time: 1300		
Custody Seal No.:			Sample Date: 5/20/21</					

Client Information Client Contact: Jasmine Mullins Company: ARCADIS U.S. Inc. Address: 855 Route 146 Suite 210 City: Clifton Park State, Zip: NY, 12065 Phone: 518-402-9625 (Tel) Email: jasmine.mullins@arcadis.com Project Name: Fort Edward Landfill #558001 Site:		Analysis Requested Due Date Requested: Standard TAT Requested (days): Compliance Project: ☐ Yes ☒ No PO #: 518-402-9625 (Tel) WO #: Project #: 48021928 SSOW #:		Carrier Tracking No(s): State of Origin: Page: 2 of 2 Job #:	
Sample Identification Trip Blank-3		Sample Date: 5/20/21 Sample Time: 16:00 Sample Type (C=comp, G=grab): G Matrix (W=water, S=solid, O=soil, BT=issue, Anal): Water		Field Filtered Sample (Yes or No): Perform MS/MSD (Yes or No): PFC, IDA - PFAS, Standard List (21 Analytes): 8082A - TCL PCBs 6010C, 7470A 8260C - TCL List VOAs 8270D - SIM, MS, ID - 1,4-Dioxane	
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify) CATB; NYSDEC EQMIS		Special Instructions/Note: Total Number of Containers: 2		Preservation Codes: A - HCl B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Anchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
Empty Kit Relinquished by: Colby Chenevix Relinquished by: Karl Jordan Relinquished by:		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months		Date/Time: 5/20/21 1510 Date/Time: 5/20/21 1700 Date/Time:	
Custody Seals Intact: Yes ☒ No ☐ Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		Company: Arcadis Company: Arcadis Company: Arcadis	

[illegible]

Client Information		Supplier: <u>KS/CL</u>		Lab PM: <u>Stone, Judy L</u>		Carrier Tracking No(s): <u>480-159288-35039.1</u>		COC No: <u>480-159288-35039.1</u>	
Client Contact: <u>Jasmine Mullins</u>		Phone: <u>646-248-4205</u>		E-Mail: <u>Judy.Stone@Eurofinstest.com</u>		State of Origin:		Page: <u>1 of 1</u>	
Company: <u>ARCADIS U.S. Inc</u>		PWSID:		Analysis Requested		Job #:		Preservation Codes:	
Address: <u>855 Route 146 Suite 210</u>		Due Date Requested: <u>STANDARD</u>		TAT Requested (days): <u>STANDARD</u>		Compliance Project: <u>Δ Yes Δ No</u>		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 - Na2O2 P - Na2O4S Q - Na2SO3 R - Na2SO4 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
City: <u>Clifton Park</u>		PO #: <u>518-402-9625(Tel)</u>		Callout ID: <u>137562</u>		WO #:		Other:	
State, Zip: <u>NY, 12065</u>		Email: <u>jasmine.mullins@arcadis.com</u>		Project #: <u>48021928</u>		Site:		Special Instructions/Note:	
Project Name: <u>Fort Edward Landfill #558001</u>		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=soil, BT=Tissue, A=Air)	
Site:		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=soil, BT=Tissue, A=Air)	
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=soil, BT=Tissue, A=Air)	
MW-8		5/17/2021		1000		G		Water	
MW-9		5/17/2021		0955		G		Water	
MW-12A		5/17/2021		1225		G		Water	
MW-13A		5/17/2021		1330		G		Water	
MW-12B		5/17/2021		1345		G		Water	
MW-13B		5/17/2021		1505		G		Water	
MW-15		5/17/2021		1640		G		Water	
480-184888 COC									
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		Special Instructions/QC Requirements:	
Deliverable Requested: I, II, III, IV, Other (specify) <u>CAT B 4 NY/DEC EQUIS ESD</u>		Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: <u>K. Stilson</u>		Date/Time: <u>5/18/21 0950</u>		Company: <u>ARCADIS</u>		Received by: <u>K. Stilson</u>		Date/Time: <u>5/18/21 0750</u>	
Relinquished by: <u>Karl Zacher</u>		Date/Time: <u>5/18/21 1700</u>		Company: <u>ARCADIS</u>		Received by: <u>Karl Zacher</u>		Date/Time: <u>5/19/21 10:49</u>	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Custody Seals Intact: <u>Δ Yes Δ No</u>		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:					

FROM:
TIM KNOLLMEYER (518) 438-8140
TESTAMERICA LAB INC
25 KRAFT AVE

SHIP DATE: 18MAY21
ACTWGT: 22.60 LB
CAD: 0886598/CAFE3409

ALBANY NY 12205
US

BILL 3rd PARTY

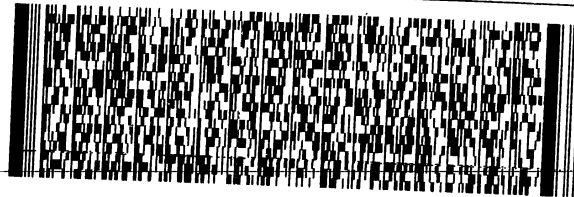
TO **SAMPLE RECEIVING**
TESTAMERICA - BURLINGTON
30 COMMUNITY DRIVE, SUITE 11

BURLINGTON VT 05403

(802) 660-1990

REF: FORT ED PFAS

(US)



FedEx
Ground

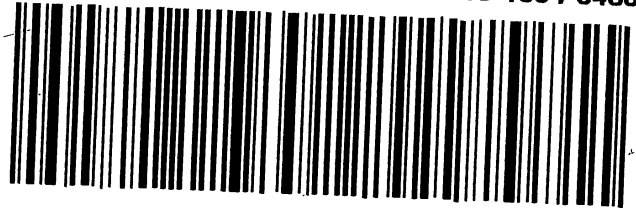


J2011201218011v

TRK# **5013 1604 8436**

05403

9622 0417 3 (000 000 0000) 0 00 5013 1604 8436



Part # 156148-434 RIT EXP 11/21 ::

Client Information		Lab PM: Stone, Judy L		Carrier Tracking Note: 480-159500-35093.1	
Client Contact: Jasmine Mullins		E-Mail: Judy.Stone@Eurofinet.com		Page: 1 of 3	
Company: AARCADIS U.S. Inc		PWSID: 646-248-4208		Job #: 3	
Address: 855 Route 146 Suite 210		Duo Date Requested: 5/14/24		Analysis Requested	
City: Clifton Park		TAT Requested (days): STANDARD		Preservation Codes:	
State, Zip: NY, 12065		Compliance Project: A Yes Δ No		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amicler H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
Phone: 518-402-9625(Tel)		Callout ID: 137562		Preservation Codes:	
Email: Jasmine.mullins@arcardis.com		WO #:		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)	
Project Name: Fort Edward Landfill #558001		Project #:		Special Instructions/Note:	
Site:		SSOW#:		Total Number of Containers: 12	
Sample Identification		Matrix (Water, Swill, Overstall, etc.)		Special Instructions/Note:	
Sample Date		Sample Type (C=Comp, G=Grab)		Total Number of Containers: 12	
Sample Time		Preservation Code		Total Number of Containers: 12	
EW-1		G		Total Number of Containers: 12	
EW-2		G		Total Number of Containers: 12	
EW-3		G		Total Number of Containers: 12	
EW-4		G		Total Number of Containers: 12	
INFLUENT		G		Total Number of Containers: 12	
CCT		G		Total Number of Containers: 12	
CEU 3 BYPASS		G		Total Number of Containers: 12	
CEU 2 EFFLUENT		G		Total Number of Containers: 12	
CEU 1 EFFLUENT		G		Total Number of Containers: 12	
PPE		G		Total Number of Containers: 12	
PPE - SED		G		Total Number of Containers: 12	
Possible Hazard Identification		Unknown		Total Number of Containers: 12	
Non-Hazard		Unknown		Total Number of Containers: 12	
Flammable		Unknown		Total Number of Containers: 12	
Skin Irritant		Unknown		Total Number of Containers: 12	
Deliverable Requested: I, II, III, IV, Other (specify)		Unknown		Total Number of Containers: 12	
Empty Kit Relinquished by:		Unknown		Total Number of Containers: 12	
Relinquished by: KSH/Sen		Unknown		Total Number of Containers: 12	
Relinquished by: Nand Jordan		Unknown		Total Number of Containers: 12	
Relinquished by:		Unknown		Total Number of Containers: 12	
Custody Seal Intact: Δ Yes Δ No		Custody Seal No.:		Total Number of Containers: 12	

Client Information		Lab Pkt: Stone, Judy L		Carrier Tracking No(s):		COC No: 480-159288-35039.2	
Client Contact: Jasmine Mullins		E-Mail: Judy.Stone@Eurofins.com		State of Origin:		Page: 2 of 3	
Company: ARCADIS U.S. Inc		PWSID:		Analysis Requested		Job #: 2013	
Address: 855 Route 146 Suite 210		Due Date Requested:		2540C - TSS		Preservation Codes:	
City: Clifton Park		TAT Requested (days):		2540C - TSS		A - HCL	
State, Zip: NY, 12065		Compliance Project: Δ Yes Δ No		2540C - TSS		B - NaOH	
Phone: 518-402-9625(Tel)		PO #: 48021928		2540C - TSS		C - Zn Acetate	
Email: jasmine.mullins@arcadis.com		WO #: 48021928		2540C - TSS		D - Nitric Acid	
Project Name: Fort Edward Landfill #558001		SSOW#:		2540C - TSS		E - NaHSO4	
Site:		Sample Date		2540C - TSS		F - MeOH	
Sample Identification		Sample Time		2540C - TSS		G - Amchlor	
CEU3	5/18/2021 1310	Matrix (Waste, Solid, or Aqueous)		2540C - TSS		H - Ascorbic Acid	
CEU2	5/18/2021 1345	Sample Type (C=Comp, G=Grab)		2540C - TSS		I - Ice	
CEU1	5/18/2021 1450	Preservation Code		2540C - TSS		J - DI Water	
PPI	5/18/2021 1545	Perform MS/MSD (Yes or No)		2540C - TSS		K - EDTA	
PPI-SED	5/18/2021 1615	Field Filtered Sample (Yes or No)		2540C - TSS		L - EDA	
TG Blank-1	5/18/2021 1255	PFC IDA - PFAS, Standard List (21 Analytes)		2540C - TSS		Other:	
MB-6	5/18/2021 1030	PFC IDA - PFAS, Standard List (21 Analytes)		2540C - TSS		Special Instructions/Note:	
MW-6 MS	5/18/2021 1030	PFC IDA - PFAS, Standard List (21 Analytes)		2540C - TSS			
MW-6 MSD	5/18/2021 1030	PFC IDA - PFAS, Standard List (21 Analytes)		2540C - TSS			
MW-6A	5/18/2021 1035	PFC IDA - PFAS, Standard List (21 Analytes)		2540C - TSS			
MW-6B	5/18/2021 1225	PFC IDA - PFAS, Standard List (21 Analytes)		2540C - TSS			
Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		2540C - TSS			
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Unknown ☐ Radiological		Return To Client ☐ Disposal By Lab ☐ Archive For Months		2540C - TSS			
Deliverable Requested: I, II, III, IV, Other (specify) CATB & NYSD DEC EQUIS EDD		Special Instructions/QC Requirements:		2540C - TSS			
Empty Kit Relinquished by:		Time:		2540C - TSS			
Relinquished by: K. Stilson		Date: 5/19/21 0800		2540C - TSS			
Relinquished by: Karl Jordan		Date: 5/19/21 1700		2540C - TSS			
Relinquished by:		Date:		2540C - TSS			
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.:		2540C - TSS			

Client Information Client Contact: Jasmine Mullins Company: ARCADIS U.S. Inc. Address: 855 Route 146 Suite 210 City: Clifton Park State, Zip: NY, 12065 Phone: 518-402-9625 (Tel) Email: jasmine.mullins@arcadis.com Project Name: Fort Edward Landfill #588001 Site:		Lab PM: Stone, Judy L E-Mail: Judy.Stone@Eurofinset.com Phone: 518-248-4208 PWSID:		Carrier (Tracking No.): 480-159288-35039.3 State of Origin:		COC No: 480-159288-35039.3 Page: 3 of 3 Job #:																																																																																																
Due Date Requested: TAT Requested (days): Compliance Project: ☐ Yes ☒ No PO #: 518-402-9625 (Tel) Callout ID: 137562 WO #: Project #: 48021928 SSOW #:		Analysis Requested <table border="1"> <thead> <tr> <th>Sample ID</th> <th>Sample Date</th> <th>Sample Time</th> <th>Sample Type (C=comp, G=grab)</th> <th>Matrix (Water, Soil, Sediment, Other)</th> <th>Field Filled Sample (Yes or No)</th> <th>Performance (MS/MSD (Yes or No))</th> <th>PFC, IDA, PFAS, Standard List (21 Analytes)</th> <th>0082A - TCL PCBs</th> <th>6010C, 7470A</th> <th>8260C - TCL List VOA's</th> <th>8270D - SIM, MS, ID - 1,4-Dioxane</th> <th>2540D - TSS</th> <th>2540C - Calcd - TDS</th> <th>Total Number of Containers</th> <th>Special Instructions/Note:</th> </tr> </thead> <tbody> <tr> <td>MW-7</td> <td>5/18/21</td> <td>1445</td> <td>G</td> <td>Water</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2</td> <td></td> </tr> <tr> <td>MW-ID</td> <td>5/18/21</td> <td>1445</td> <td>G</td> <td>Water</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>12</td> <td></td> </tr> <tr> <td>DUP-SED</td> <td>5/18/2021</td> <td>---</td> <td>G</td> <td>Water</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>4</td> <td></td> </tr> <tr> <td>DUP-SW</td> <td>5/18/2021</td> <td>---</td> <td>G</td> <td>Water</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>10</td> <td></td> </tr> <tr> <td colspan="15" style="text-align: center;"> Water Water Water Water Water Water Water </td> </tr> </tbody> </table>						Sample ID	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Soil, Sediment, Other)	Field Filled Sample (Yes or No)	Performance (MS/MSD (Yes or No))	PFC, IDA, PFAS, Standard List (21 Analytes)	0082A - TCL PCBs	6010C, 7470A	8260C - TCL List VOA's	8270D - SIM, MS, ID - 1,4-Dioxane	2540D - TSS	2540C - Calcd - TDS	Total Number of Containers	Special Instructions/Note:	MW-7	5/18/21	1445	G	Water										2		MW-ID	5/18/21	1445	G	Water										12		DUP-SED	5/18/2021	---	G	Water										4		DUP-SW	5/18/2021	---	G	Water										10		Water Water Water Water Water Water Water														
Sample ID	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Soil, Sediment, Other)	Field Filled Sample (Yes or No)	Performance (MS/MSD (Yes or No))	PFC, IDA, PFAS, Standard List (21 Analytes)	0082A - TCL PCBs	6010C, 7470A	8260C - TCL List VOA's	8270D - SIM, MS, ID - 1,4-Dioxane	2540D - TSS	2540C - Calcd - TDS	Total Number of Containers	Special Instructions/Note:																																																																																							
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Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify) CAT3-175 DEC 6-QUIS-EDD		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months Special Instructions/QC Requirements:																																																																																																				
Relinquished by: K. Stikson Relinquished by: Not York Relinquished by:		Date: 5/19/21 0800 Date/Time: 5/19/21 1700 Date/Time:		Date: 5/19/21 1100 Date/Time: 5/19/21 10:30 Date/Time:		Company: Eurofin Company: Eurofin Company:																																																																																																
Custody Seals Intact: ☐ Yes ☒ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:																																																																																																		

ORIGIN ID:DSVA (518) 438-8140
TIM KNOLLMEYER
TESTAMERICA LAB INC
25 KRAFT AVE

ALBANY, NY 12205
UNITED STATES US

SHIP DATE: 19MAY21
ACTWGT: 60.75 LB
CAD: 0886598/CAFE3409
DIMS: 26x15x14 IN

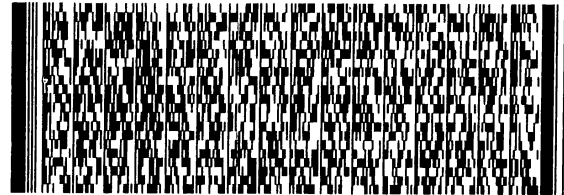
BILL THIRD PARTY

TO **SAMPLE RECEIVING**
TESTAMERICA - BURLINGTON
30 COMMUNITY DRIVE, SUITE 11

BURLINGTON VT 05403

(802) 660-1990

REF: FORT ED PFAS



FedEx
Express



J201120121801uv

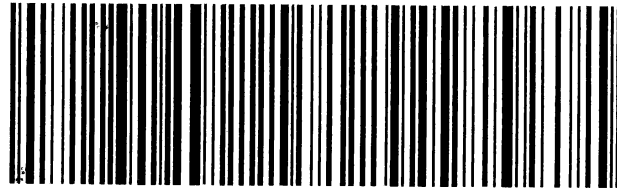
TRK# 5013 1604 8469
0201

THU - 20 MAY 10:30A
PRIORITY OVERNIGHT

XH BTVA

05403
VT-US **BTVA**

Part # 156148-434 RIT EXP 11/21



Client Information			Lab PM:		Carrier Tracking No(s):		COC No:									
Client Contact: Jasmine Mullins			Stone, Judy L				480-159290-35041.1									
Company: ARCADIS U.S. Inc			E-Mail: Judy.Stone@Eurofinset.com		State of Origin:		Page: Page 1 of 2									
Address: 855 Route 146 Suite 210 City: Clifton Park State, Zip: NY, 12065 Phone: 518-402-9625(Tel) Email: Jasmine.mullins@arcadis.com Project Name: Fort Edward Landfill #558001 Site:			PWSID:		Analysis Requested											
Due Date Requested: TAT Requested (days): Compliance Project: ☐ Yes ☐ No PO #: 518-402-9625(Tel) WO #: 48021928 Project #: 48021928 SSOW#: 48021928			Due Date Requested: TAT Requested (days): Compliance Project: ☐ Yes ☐ No PO #: 518-402-9625(Tel) WO #: 48021928 Project #: 48021928 SSOW#: 48021928		Job #:											
Sample Identification			Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=other)	Field Filtered Sample (Yes or No)	Performance (MS/SP, % RSD)	PFC, IDA - PFAS, Standard List (21 analytes)	8082A - TCL PCBs	8260C - TCL List VOAs	14Diox 8270D SIM	TSS 2540D	TDS 2540C - (calc)	Total Number of Containers	Special Instructions/Note:
MW-5	5/20/21	0940	G	Solid			N	N	N	N	N	N	N	N	7	INDIA limited volume
MW-11	5/20/21	0840		Solid			N	N	N	N	N	N	N	N	8	
MW-16	5/20/21	0930		Solid			N	N	N	N	N	N	N	N	12	
Unnamed Pond-SW		1110		Solid			N	N	N	N	N	N	N	N	10	
Unnamed Pond-SED		1120		Solid			N	N	N	N	N	N	N	N	4	
GFFC-1-SW		1210		Solid			N	N	N	N	N	N	N	N	10	
GFFC-1-SED		1220		Solid			N	N	N	N	N	N	N	N	4	
GFFC-2-SW		1330		Solid			N	N	N	N	N	N	N	N	10	
GFFC-2-SED		1340		Solid			N	N	N	N	N	N	N	N	4	
GFFC-3-SW		1250		Solid			N	N	N	N	N	N	N	N	10	
GFFC-3-SED		1300		Solid			N	N	N	N	N	N	N	N	4	
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) Cat B. 1450 DEC 60, MS			Special Instructions/QC Requirements:													
Empty Kit Relinquished by:			Date:		Time:		Method of Shipment:									
Relinquished by: <i>Neil Zach</i>			Date/Time: 5/20/21 1510		Company: <i>Eurofin</i>		Received by: <i>Neil Zach</i>									
Relinquished by: <i>Neil Zach</i>			Date/Time: 5/20/21 1700		Company: <i>Eurofin</i>		Received by: <i>Neil Zach</i>									
Relinquished by:			Date/Time:		Company:		Received by:									
Custody Seal No.: <i>1430</i>			Custody Seal Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:									

Do Not Lift Using This Tag

ORIGIN ID:DSVA (518) 438-8140
TIM KNOLLMEYER
TESTAMERICA LAB INC
25 KRAFT AVE

ALBANY, NY 12205
UNITED STATES US

SHIP DATE: 20MAY21
ACTWGT: 47.35 LB
CAD: 0886598/CAFE3409

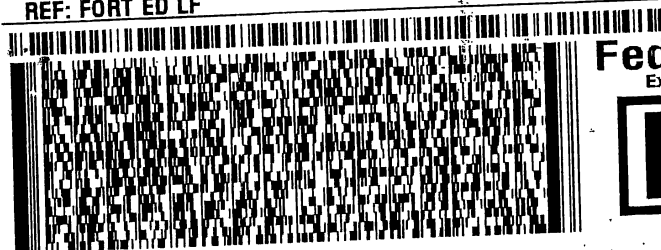
BILL THIRD PARTY

TO **SAMPLE RECEIVING**
TESTAMERICA - BURLINGTON
30 COMMUNITY DRIVE, SUITE 11

BURLINGTON VT 05403

(802) 660 - 1990

REF: FORT ED LF

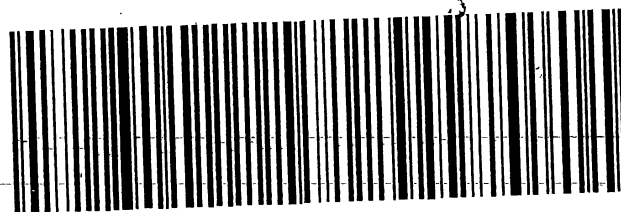


TRK# 5013 1604 8540
0201

FRI - 21 MAY 10:30A
PRIORITY OVERNIGHT

XH BTVA

05403
VT-US BTV



Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-184888-1

Login Number: 184888

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Sabuda, Brendan D

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	2.8 3.1 2.5 #1 ICE
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.	True	

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-184888-1

Login Number: 184888

List Number: 2

Creator: Cunningham, Caroline R

List Source: Eurofins TestAmerica, Burlington

List Creation: 05/19/21 12:59 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	1479345
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	3.3°C
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?	N/A	Received project as a subcontract.
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.	N/A	
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 $<6\text{mm}$ (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: New York State D.E.C.

Job Number: 480-184959-1

Login Number: 184959

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Yeager, Brian A

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	ARCADIS
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-184959-1

Login Number: 184959

List Number: 2

Creator: Khudaier, Zahraa

List Source: Eurofins TestAmerica, Burlington

List Creation: 05/21/21 09:26 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
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	4.0°C
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	TK
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.	N/A	
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 $<6\text{mm}$ (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: New York State D.E.C.

Job Number: 480-185032-1

Login Number: 185032

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Sabuda, Brendan D

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	2.9 3.6 3.1 3.4 2.8 3.3 3.5 3.1 #1 ICE
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.	True	

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-185032-1

Login Number: 185032

List Number: 2

Creator: Cunningham, Caroline R

List Source: Eurofins TestAmerica, Burlington

List Creation: 05/22/21 12:08 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	1479371
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	14.3°C
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?	N/A	Received project as a subcontract.
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.	N/A	
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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX C

Data Usability Summary Reports



Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Fort Edward Landfill #558001
Eurofins SDG#480-184888-1
June 23, 2021
Sampling date: 5/17/2021

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Fort Edward Landfill #558001
SDG# 480-184888-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for Arcadis U.S. Inc., project located at Fort Edward Landfill #558001, Eurofins SDG#480-184888-1 submitted to Vali-Data of WNY, LLC on June 15, 2021. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG), NYSDEC; 'Guidelines for Sampling and Analysis of PFAS'(1/2020) and NYSDEC Analytical Services Protocols. The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D SIM ID), PCB (8082A), Perfluorinated Hydrocarbons (537 modified), Inorganics (6010C), Mercury (7470A) and in accordance with wet chemistry methods.

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

Samples: MW-12A and MW-12B were diluted due to foaming.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD/Duplicate was performed on these samples.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

Samples: MW-12A and MW-12B were diluted due to high target analyte concentration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD/Duplicate was performed on these samples.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration

- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD/Duplicate was performed on these samples.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on all of the target analytes and surrogates, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

PFAA

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS)
- Surrogate Recoveries
- Blanks
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Recoveries and Blanks.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE RECOVERIES

All criteria were met except the %Rec of 13C4 PFBA was outside QC limits in MW-12A and MW-12B and should be qualified as estimated. Associated target analytes in these samples should be qualified as estimated.

BLANKS

All the criteria were met except PFHxS, PFHpA, PFNA, PFDA, PFUnA, PFDoA, PFBS, PFHpS, PFDS and PFOS were detected above the MDL, below the reporting limit and are qualified as estimated in ICB 200-167122/8. These target analytes should be qualified as undetected at the reporting limit in associated samples in which they were detected below the reporting limit. These target analytes should be qualified as estimated high in associated samples in which they were detected above the reporting limit but below 10x the blank concentration.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD/Duplicate was performed on these samples.

COMPOUND QUANTITATION

All the criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on some of the target analytes, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample

Fort Edward Landfill #558001

SDG# 480-184888-1

- MS/MSD/Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Blanks and Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except K was detected above the MDL, below the reporting limit and is qualified as estimated in MB 480-582228/1-A. This target analyte should be qualified as undetected at the reporting limit in associated samples in which it was detected above the MDL, and below the reporting limit. This target analyte should be qualified as estimated high in the associated samples in which it was detected above the reporting limit.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD/DUPLICATE

No MS/MSD/Duplicate was performed on these samples.

FIELD DUPLICATE

No field duplicate was acquired.

SERIAL DILUTION

No serial dilution was performed.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %Rec of Se was outside QC limits, low in ICVL 480-582721/7 and CCVL 480-582721/20, 28, 40. This target analyte should be qualified as estimated in the associated samples, blanks and spikes.

The %Rec of Cr and Mn was outside QC limits, high in ICVL 480-582721/7 and CCVL 480-582721/28. The %Rec of Cr was outside QC limits, high in CCVL 480-582721/20, 40. These target analytes should be qualified as estimated high in the associated blanks, samples and spikes in which they were detected.

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

- TDS
- TSS

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below.

TDS

All criteria were met.

TSS

All criteria were met.

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Fort Edward Landfill #558001
Eurofins SDG#480-184959-1
June 30, 2021
Reissued; July 2, 2021
Sampling date: 5/18/2021

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Fort Edward Landfill #558001
SDG# 480-184959-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package(reissued; July 2, 2021) for Arcadis U.S. Inc., project located at Fort Edward Landfill #558001, Eurofins SDG#480-184959-1 submitted to Vali-Data of WNY, LLC on June 25, 2021. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG), NYSDEC; 'Guidelines for Sampling and Analysis of PFAS'(1/2020) and NYSDEC Analytical Services Protocols. The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D SIM ID), PCB (8082A), Perfluorinated Hydrocarbons (537 modified), Inorganics (6010C), Mercury (7470A, 7471B) and in accordance with wet chemistry methods.

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Laboratory Control Samples, MS/MSD, Initial Calibration and Continuing Calibration.

Soil samples were method 5035L non-compliant, so any detects in the soil samples and associated spikes detected below 200ug/kg should be qualified as estimated low.

Sample: EW-2 was diluted due to foaming.

Sample: EW-1 was diluted due to high concentration of target analytes.

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DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met except 2-Butanone was detected in PPI-SED but was not detected in DUP-SED.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of 1,2-Dibromo-3-chloropropane, Bromoform, cis-1,3-Dichloropropene and trans-1,3-Dichloropropene was outside QC limits, high in LCS 480-582665/31 and should be qualified as estimated. These target analytes should be qualified as estimated high in the associated samples in which they were detected.

MS/MSD

The %Rec of all of the target analytes except 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,1-Dichloroethane, 1,1-Dichloroethene, Bromomethane, Carbon disulfide, Chloroethane, Chloromethane, Dichlorodifluoromethane, Methyl acetate, Methyl tert butyl ether, Methylene chloride, Trichlorofluoromethane and Vinyl chloride was outside QC limits, low in DUP-SEDMS/MSD and should be qualified as estimated. The noncompliant target analytes should be qualified as estimated in DUP-SED and PPI-SED.

Some target analytes were outside QC limits in the matrix spike or the matrix spike duplicate but not both, so no further action is required.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met except the %RSD of 1,2-Dibromo-3-chloropropane was outside QC limits in the initial calibration performed on instrument HP5973N. This target analyte should be qualified as estimated in the associated samples, blanks and spikes.

Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Carbon Tetrachloride, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, Bromoform and 1,2-Dibromo-3-chloropropane was outside QC limits in CCVIS 480-582665/3. These target analytes should be qualified as estimated in the associated samples, blanks and spikes.

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Method Blank.

Samples: PPE, EW-1, EW-2 and EW-3 were diluted due to high target analyte concentration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met except 1,4-Dioxane was detected above the MDL, below the reporting limit and is qualified as estimated in MB 480-581896/1-A and MB 480-581900-1-A. This target analyte should be qualified as undetected at the reporting limit in associated samples in which it was detected below the reporting limit. This target analyte should be qualified as estimated high in associated samples in which it was detected above the reporting limit.

FIELD DUPLICATE SAMPLE PRECISION

All the criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All the criteria were met.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spike Recoveries, Laboratory Control Samples and Continuing Calibration.

Sample: EW-1 was diluted due to high target analyte concentration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of TCMX and DCBP was outside QC limits, high off column ZB-5 in MB 480-582929/1-A and should be qualified as estimated. The %Rec of TCMX off column ZB-5 and DCBP off both columns was outside QC limits, high in LCS 480-582929/2-A and should be qualified as estimated. Target analytes in this blank and spike should be qualified as estimated high, if detected, off the associated column.

The %Rec of DCBP off both columns was outside QC limits, low in MW-6B and MW-6MSD and should be qualified as estimated. The %Rec of DCBP off column ZB-35 was outside QC limits, low in MW-1D and MW-6MS and should be qualified as estimated. Target analytes in these samples should be qualified as estimated, off the associated column.

Surrogate recoveries were outside QC limits due to dilution in EW-1, so no further action is required.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All the criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All the criteria were met.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on most of the target analytes and surrogates, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Aroclor 1260 peak 3 was outside QC limits off column ZB-35 in CCV 480-582977/35. This target analyte should be qualified as estimated in the associated samples, blanks and spikes.

PFAA

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS)
- Surrogate Recoveries
- Blanks
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Recoveries and Blanks.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE RECOVERIES

All criteria were met except the %Rec of 13C4 PFBA was outside QC limits in EW-1, EW-2 and EW-3 and should be qualified as estimated. The %Rec of M2-6-2FTS, M2:8-2FTS and d5-

NEtFOSAA was outside QC limits in EW-1 and should be qualified as estimated. Associated target analytes in these samples should be qualified as estimated.

BLANKS

All the criteria were met except PFHxS, PFHpS, PFDA, PFUnA, PFBS, PFDS, PFTriA, FOSA, NMeFOSAA and PFOS were detected above the MDL, below the reporting limit and are qualified as estimated in ICB 200-167122/8. PFHxS, PFBS, 6:2FTS and PFOS were detected above the MDL, below the reporting limit and are qualified as estimated in MB 200-167231/1-A. PFHpA, PFBA, PFDA, PFBS and PFOS were detected above the MDL, below the reporting limit and are qualified as estimated in MB 200-167414/1-A. These target analytes should be qualified as undetected at the reporting limit in associated samples in which they were detected below the reporting limit. These target analytes should be qualified as estimated high in associated samples in which they were detected above the reporting limit but below 10x the blank concentration.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met except PFDA, PFUnA, PFHpS and PFDS were detected in PPI but were not detected in DUP-SW. PFHpA, PFDA, PFDoA, PFTriA, PFTeA and PFBS were detected in PPI-SED but were not detected in DUP-SED.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met.

COMPOUND QUANTITATION

All the criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on some of the target analytes, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD/Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Blanks and Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except Na and Mn were detected above the MDL, below the reporting limit and are qualified as estimated in MB 480-582417/1-A. Fe was detected above the MDL, below the reporting limit and is qualified as estimated in MB 480-582229/1-A. Al, Ca, Zn and Mn were detected above the MDL, below the reporting limit and are qualified as estimated in ICB 480-582853/6. K was detected above the MDL, below the reporting limit and is qualified as estimated in ICB 480-582717/6. Zn was detected above the MDL, below the reporting limit and is qualified as estimated in CCB 480-582717/25. Ba and Cu were detected above the MDL, below the reporting limit and are qualified as estimated in CCB 480-582717/37, 49. These

target analytes should be qualified as undetected at the reporting limit in associated samples in which they were detected above the MDL, and below the reporting limit. These target analytes should be qualified as estimated high in the associated samples in which they were detected above the reporting limit.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD/DUPLICATE

All criteria were met.

FIELD DUPLICATE

All criteria were met.

SERIAL DILUTION

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %Rec of Se was outside QC limits, low in ICVL 480-582717/7 and CCVL 480-582717/26, 50. The %Rec of Se and Ag was outside QC limits, low in CCVL 480-582717/19. The %Rec of K was outside QC limits, low in CCVL 480-583183/17. These target analytes should be qualified as estimated in the associated samples, blanks and spikes. The %Rec of As, Ba, Cr and Mn was outside QC limits, high in ICVL 480-582853/7. The %Rec of Al, Ba, Cr, Fe and Mn was outside QC limits, high in CCVL 480-582853/20. The %Rec of Al, Ba, Fe and Mn was outside QC limits, high in CCVL 480-582853/24. The %Rec of Al, Fe and Mn was outside QC limits, high in CCVL 480-582853/36. The %Rec of Al, As, Ba, Cr and Mn was outside QC limits, high in CCVL 480-582853/48. The %Rec of Ba, Cr, Na and Mn was outside QC limits, high in CCVL 480-582853/58. The %Rec of Cr and Mn was outside QC limits, high in ICVL 480-582717/7 and CCVL 480-582717/19. The %Rec of Sb, Ba, Cr, Mn and Ag was outside QC limits, high in CCVL 480-582717/26. The %Rec of Ba, Cr, Cu and Mn was outside QC limits, high in CCVL 480-582717/38, 50. These target analytes should be qualified as estimated high in the associated blanks, samples and spikes in which they were detected.

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

- TOC
- TDS
- TSS

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The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below.

TOC

All criteria were met.

TDS

All criteria were met.

TSS

All criteria were met.

Data Usability Summary Report

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Fulton, NY 13069

Fort Edward Landfill #558001
Eurofins SDG#480-185032-1
July 1, 2021
Sampling date: 5/19, 20/2021

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Fort Edward Landfill #558001
SDG# 480-185032-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for Arcadis U.S. Inc., project located at Fort Edward Landfill #558001, Eurofins SDG#480-185032-1 submitted to Vali-Data of WNY, LLC on June 25, 2021. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG), NYSDEC; 'Guidelines for Sampling and Analysis of PFAS'(1/2020) and NYSDEC Analytical Services Protocols. The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D SIM ID), PCB (8082A), Perfluorinated Hydrocarbons (537 modified), Inorganics (6010C), Mercury (7470A, 7471B) and in accordance with wet chemistry methods.

The collection date for Trip Blank-3 was not recorded correctly on the 'Sample Summary' page of the data package. The correct date is on the Chain of Custody. This does not affect the usability of the data.

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Method Blank, MS/MSD and Compound Quantitation.

Soil samples were method 5035L non-compliant, so any detects in the soil samples and

associated spikes detected below 200ug/kg should be qualified as estimated low.

Samples: MW-5 and MW-17 were diluted due to high concentration of target analytes.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All criteria were met except Styrene was detected above the MDL, below the reporting limit and is qualified as estimated in MB 480-582616/2-A. This target analyte should be qualified as undetected at the reporting limit in associated samples in which it was detected below the reporting limit. This target analyte should be qualified as estimated high in associated samples in which it was detected above the reporting limit.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

The %Rec of 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2-Dichloroethane, 2-Butanone, 2-Hexanone, 4-Methyl-2-pentanone, Acetone, Bromodichloromethane, Bromoform, Carbon tetrachloride, Dibromochloromethane, cis-1,3-Dichloropropene, 1,2-Dibromoethane, Methylcyclohexane, Styrene and trans-1,3-Dichloropropene was outside QC limits, low in Unnamed Pond-SEDMS/MSD and should be qualified as estimated. These target analytes should be qualified as estimated in Unnamed

Pond-SED

Some target analytes were outside QC limits in the matrix spike or the matrix spike duplicate but not both, so no further action is required.

COMPOUND QUANTITATION

All criteria were met except Methylene Chloride was detected above the MDL, below the reporting limit and is qualified as estimated in EB-1. Acetone was detected above the MDL, below the reporting limit and is qualified as estimated in FB-1. These target analytes should be qualified as undetected at the reporting limit in associated samples in which they were detected above the MDL, and below the reporting limit. These target analytes should be qualified as estimated high in the associated samples in which they were detected above the reporting limit.

Methylene Chloride was detected above the reporting limit in FB-1. This target analyte should be qualified as undetected at the reporting limit in associated samples in which it was detected below the reporting limit. This target analyte should be qualified as undetected in associated samples in which it was detected above the reporting limit but below the blank concentration. This target analyte should be qualified as estimated high in associated samples in which it was detected above the blank concentration.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples

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- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Method Blank.

Samples: Unnamed Pond-SW and MW-5 were diluted due to high target analyte concentration.
Samples: GFFC-1-SW, GFFC-2-SW and GFFC-3-SW were diluted due to sample matrix.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met except 1,4-Dioxane was detected above the MDL, below the reporting limit and is qualified as estimated in MB 480-582291/1-A. This target analyte should be qualified as undetected at the reporting limit in associated samples in which it was detected below the reporting limit. This target analyte should be qualified as estimated high in associated samples in which it was detected above the reporting limit.

FIELD DUPLICATE SAMPLE PRECISION

All the criteria were met.

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LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was performed for this analysis.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spike Recoveries and Laboratory Control Samples.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of TCMX was outside QC limits, high off both columns in LCS 480-582659/2-A and should be qualified as estimated. Target analytes in this spike should be qualified as estimated high, if detected, off the associated column.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All the criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of Aroclor 1016 was outside QC limits, high in LCS 480-582659/2-A and should be qualified as estimated. This target analyte should be qualified as estimated high in the associated samples in which it was detected.

MS/MSD

No MS/MSD was performed for this analysis.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on most of the target analytes and surrogates, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Aroclor 1221 peak 3 was outside QC limits off the confirmatory column, so no further action is required.

PFAA

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS)
- Surrogate Recoveries
- Blanks
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Holding Times, Surrogate Recoveries and Blanks.

Sample: MW-16 was diluted due to high target analyte concentration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met except the temperature of the samples was outside QC limit, high. Target analytes in the samples and associated spikes should be qualified as estimated.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE RECOVERIES

All criteria were met except the %Rec of 13C4 PFBA and M2-6-2FTS was outside QC limits in MW-5 and should be qualified as estimated. Associated target analytes in this sample should be qualified as estimated.

BLANKS

All the criteria were met except PFHxS, PFHpS, PFDA, PFUnA, PFBS, PFDS, PFNA, PFDoA, PFHpA, and PFOS were detected above the MDL, below the reporting limit and are qualified as estimated in ICB 200-167122/8. PFBS was detected above the MDL, below the reporting limit and are qualified as estimated in MB 200-167432/1-A. PFHxA, PFHxS, PFBA, PFOS, PFHpA, PFHpS, PFDoA, PFDA, PFBS and PFNA were detected above the MDL, below the reporting limit and are qualified as estimated in MB 200-167447/1-A. These target analytes should be qualified as undetected at the reporting limit in associated samples in which they were detected below the reporting limit. These target analytes should be qualified as estimated high in associated samples in which they were detected above the reporting limit but below 10x the blank concentration.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met except PFBA were detected in MW-1A but was not detected in DUP-MW.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met.

COMPOUND QUANTITATION

All the criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on some of the target analytes, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD/Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Blanks and Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except Na and Mn were detected above the MDL, below the reporting limit and are qualified as estimated in MB 480-582417/1-A. Fe and Mn were detected above the MDL, below the reporting limit and are qualified as estimated in MB 480-582797/1-A. Be was detected above the MDL, below the reporting limit and is qualified as estimated in CCB 480-583177/56. K was detected above the MDL, below the reporting limit and is qualified as estimated in ICB 480-582717/6. Zn was detected above the MDL, below the reporting limit and is qualified as estimated in CCB 480-582717/25. Ba and Cu were detected above the MDL, below the reporting limit and are qualified as estimated in CCB 480-582717/37, 49. These

target analytes should be qualified as undetected at the reporting limit in associated samples in which they were detected above the MDL, and below the reporting limit. These target analytes should be qualified as estimated high in the associated samples in which they were detected above the reporting limit.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD/DUPLICATE

All criteria were met.

FIELD DUPLICATE

All criteria were met.

SERIAL DILUTION

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %Rec of Se was outside QC limits, low in ICVL 480-582717/7 and CCVL 480-582717/26, 50. The %Rec of Se and Ag was outside QC limits, low in CCVL 480-582717/19. The %Rec of Na was outside QC limits, low in ICVL 480-583177/7 and CCVL 480-583177/19. The %Rec of Na and K was outside QC limits, low in CCVL 480-583177/27, 39. These target analytes should be qualified as estimated in the associated samples, blanks and spikes. The %Rec of Ag, Ba, Cr and Mn was outside QC limits, high in ICVL 480-583177/7. The %Rec of Al, Cr and Mn was outside QC limits, high in CCVL 480-583177/19, 39. The %Rec of Al, Ag, Cr and Mn was outside QC limits, high in CCVL 480-583177/27. The %Rec of Cr and Mn was outside QC limits, high in CCVL 480-583177/51. The %Rec of Al, As, Cr and Mn was outside QC limits, high in CCVL 480-583177/57. The %Rec of Cr and Mn was outside QC limits, high in ICVL 480-582717/7 and CCVL 480-582717/19. The %Rec of Ag, Sb, Ba, Cr and Mn was outside QC limits, high in CCVL 480-582717/26. The %Rec of Ba, Cr, Cu and Mn was outside QC limits, high in CCVL 480-582717/38, 50. These target analytes should be qualified as estimated high in the associated blanks, samples and spikes in which they were detected.

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

- TDS
- TSS

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below.

TDS

All criteria were met.

TSS

All criteria were met.

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A decorative graphic consisting of three thin orange lines. One line is horizontal, extending from the left edge of the page towards the right. Two other lines are diagonal, starting from the bottom left and extending towards the top right, intersecting the horizontal line.