Site Characterization Report
78 Sheer Rd
(NYSDEC Site Number 442055)

NYSDEC Standby Engineering Contract
Work Assignment #D007625-33

Prepared For:
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625 Broadway
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November 2017

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1.0 Introduction

1.1 Site Background

The property characterized during this investigation is located at 78 Sheer Road in the Hamlet of Averill Park in Rensselaer County, New York as shown in Figure 1. The 0.27 acre property is zoned residential and previously contained a mobile home along with several wood framed structures that have been removed from the site. One 25-foot deep dug well and one septic tank and associated leach field exist onsite. The dug well was reported to be the active water supply for the former mobile home on the property. In general the property is located in a rural residential area and the site has one residential neighboring property directly to the east and four other residential properties within a 400 foot radius of the site.

Under the Spills program, DEC hired a remedial response contractor to remove material from the well and vacuum out its contents. The contractor pulled trash out of the shallow well and vacuumed it out twice, removing a total of approximately 700 gal water and other substances on October 7 and November 7, 2016. The well was subsequently sampled and the analytical results indicated metals and pesticides above Part 703 groundwater standards. Specifically, the pesticide gamma-BHC (lindane) was detected more than 50 times higher than the Part 703 groundwater standard. Concentrations of alpha-BHC (an isomer of lindane and a byproduct of its production) were almost 10 times higher than the Part 703 groundwater standard. Endrin was also detected above the Part 703 groundwater standard. Overall, metals concentrations were elevated, which to some degree may have been attributable to sample turbidity. However, exceedances of the Part 703 groundwater standard included lead and chromium. The NYSDEC spills report can be found in Appendix E.

1.2 Site Characterization Overview

The site characterization was completed in accordance with the approved work assignment scope, HDR's Field Activities Plan, and QAPP and consisted of the following:

- Conducting a review of existing records and reports.
- Attending scoping and project objectives meetings with NYSDEC and conducting a site visit on May 11, 2017 to determine the existing site conditions and to select sampling locations.
- Development of a work plan that provides a detailed outline of elements of the field activities which incorporates existing data and documentation for the sites as well as technical direction provided by the NYSDEC Project Manager.
- Soil Sampling and Well Installation. Five monitoring wells were installed by direct push method. Continuous macro core samples were collected during well

installation and logged by HDR's geologist. One soil sample from each well location was collected for laboratory analysis. Six surface soil samples were collected across the site for laboratory analysis in addition to the soil samples collected from the monitoring well locations. All soil samples were analyzed for TCL VOCs, TCL SVOCs, pesticides, and TAL metals.

- Groundwater samples were collected from each of the five newly installed monitoring wells and from the dug well for laboratory analysis. Groundwater samples were analyzed for TCL VOCs, TCL SVOCs, pesticides, TAL metals (TAL metals dissolved), 1,4-dioxane, and PFCs. One round of groundwater level measurements was collected at the site, including the water level in the dug well.

2.0 Physical Setting

2.1 Geology

The site is located in central Rensselaer County, 0.35 miles west of the intersection of Sheer Road and Burden Lake Road in the Town of Sand Lake. The surficial geology in the region is a thin layer of glacial till, and the underlying bedrock is mapped as Cambrian aged greywacke which is part of the Eugeosynclinal (Allochthonous) Sequence on the bedrock geology map of NYS (Fisher et al. 1970). Soils onsite are mapped as Bernardston-Nassau complex, ranging from gravelly loam to very shaly silt loam (USDA 1988). During well installation, material encountered onsite was glacial till (a mix of clay, silt, sand, and gravel). None of the sampling locations confirmed depth to bedrock and obvious outcrops were not noted in the vicinity of the site, however, bedrock outcrops are mapped in the area on the Bedrock Map of NYS (Fisher et al. 1970), therefore depth to rock is not anticipated to be significant.

2.2 Hydrogeology

This site is not in the vicinity of a primary or principal water supply aquifer and private shallow bedrock wells serve as area residents' water supply. In most cases the private wells are likely drilled bedrock wells. In some cases older homes may still use shallow dug wells. Based on a United States Geologic Survey (USGS) publication two aquifers are found at the site including a shallow unconsolidated aquifer and deeper bedrock aquifer (Randall 2008). The unconsolidated aquifer is generally low yielding and maybe thin or absent in places. The bedrock aquifer is also generally low yielding but suitable for residential and farming uses. The regional ground water flow direction is to the east towards Burden Lake (approximately ½ mile from the site).

3.0 Field Activities

HDR initiated a subsurface investigation with drilling subcontractor Nothnagle Drilling, Inc. (Nothnagle) from Scottsville, NY. The monitoring well installation and soil sampling effort were completed on July 12 and 13, 2017. Groundwater sampling was completed on July

20, 2017. Analytical data results from the various samples were returned from the respective laboratories by late August 2017 and the results were validated by Data Validation Services by early October 2017 (Analytical data summary packages and Data Usability Summary Reports for the analyses are presented in Appendix C and Appendix D, respectively). Detailed descriptions of each phase of the investigation are outlined in the sections that follow. The HDR field staff were in contact with the HDR project manager on a daily basis, and site activities were routinely discussed. A photo log providing visual references for the various field activities are presented in Appendix F.

3.1 Monitoring Well Installation and Subsurface Soil Sampling

Monitoring well installation and soil sampling required the usage of a GeoProbe® 6610DT rig to advance borings at five locations to a maximum depth of 20 feet below ground surface (ft bgs) (Figure 2). These direct push borings used a four-foot Macro-Core® sampler with dedicated acetate liners to collect soil samples for field screening and submittal for laboratory analysis. In particular, inspection of each soil core involved descriptions of soil composition and depositional characteristics, determination of the presence of unusual odors and staining, and detection of organic vapors via headspace analysis using a 5-gas MultiRAE photoionization (PID) monitor. Those soils containerized in laboratory-provided glassware and submitted for analysis either had a positive headspace analysis result, or were otherwise located at the water table as mandated by investigation objectives.

Between probing locations, the probe tooling was decontaminated using a bucket wash with Alconox® detergent and clean water rinse. Soil cuttings and decontamination water was drummed and staged for disposal by the NYSDEC Standby contractor.

The installation of permanent monitoring wells followed the completion of each probe point. Nothnagle installed a 1-inch pre-pack well screen and riser at each of the probe locations, completed each well with flush mount well cover and concrete pad, and developed the well using new tubing and a foot valve.

Boring logs were completed for each sampling location during this sampling event. These logs include a description of soils along with PID readings and other observations of potential significance noted during the screening of the cores. Soil boring and well construction logs are provided in Appendix A.

3.2 Surface Soil Sampling

In addition to sub-grade soil samples, HDR and NYSDEC selected six surface soil locations in order to assess the potential human exposure to soil via incidental soil ingestion, inhalation of soil or dermal contact with soil in accordance with Section 3.5.1 of the DER-10 Technique Guidance for Site Investigation and Remediation (Figure 2). At each location, the top 0 to 2 inches of surface soil below the vegetative cover were

homogenized in-situ via steel spoon, containerized in laboratory-provided glassware, and submitted for laboratory analysis. Similar to the decontamination of probe tooling, the steel spoon was decontaminated using a bucket wash with Alconox® detergent and clean water rinse between each sampling location.

All soil samples, and appropriate QA/QC samples, designated for laboratory analysis were submitted to TestAmerica, Inc. of Buffalo, New York. Samples were submitted and transported (via sample drop-off at the TestAmerica Albany, NY service center) under chain of custody protocols as described in HDR's NYSDEC Standby Engineering Contract Program Field Activities Plan.

3.3 Survey

HDR field staff, utilizing a Trimble® GeoXR™ Network Rover, recorded the coordinates and elevations of each newly-installed monitoring well and surface soil sample location, as well as relevant site features (i.e. drainage culvert). Once the elevations were determined the depth to water measurements collected on July 25, 2017 were converted to a groundwater elevation (Table 3, Figure 5).

3.4 Groundwater Sampling

Each newly installed monitoring well was sampled via low flow sampling protocol using a peristaltic pump to purge each well until stabilization of groundwater chemistry data indicated representative aquifer formation water suitable for sampling was being purged. Several additional constraints on sampling protocol were required due to the adherence to PFAS-specific field methods and protocols, and using NYSDEC approved groundwater sampling equipment / methods to minimize the possibility of cross contamination under the very strict parts per trillion detection levels utilized for this class of compounds. Given the possibility of cross contamination at very low concentrations of exposure, all field supplies used and field clothing worn by the crew conducting the PFAS sampling was required to be PFC-free. In addition, only approved PFAS-free health and safety items such as sunscreen and insect repellent were permitted for use at the site in accordance with NYSDEC PFC sampling protocols. Purging and sampling of wells was conducted using a peristaltic pump with dedicated HDPE inlet and outlet tubing and silicon flexible tubing at the pump head. The use of the peristaltic pump eliminated the potential exposure of sampled water to sources of cross contamination such as the Teflon and LDPE commonly found as components or fittings on submersible pumps, dedicated bailers, etc. to comply with field protocols in accordance with NYSDEC guidance. Electronic water level meters were not used in the wells sampled for PFC immediately prior to or during purging / sampling since a portion of the probe housing on the meter is constructed using a Teflon coupler to join the upper and lower portions of the probe. In order to meet the low-flow protocol requirement of minimizing hydraulic stress at the well-aquifer interface and to mitigate potential cross-contamination from PFAS-containing groundwater monitoring equipment, the peristaltic pumps were set to its lowest pumping rate for purging each well, with water levels taken after the conclusion of sampling to gauge any potential drawdown.

Monitoring well MW3 attained stabilization of groundwater chemistry after approximately 90 minutes at a purge rate of approximately 0.2 liters per minute. Monitoring wells MW1 and MW4 did not reach stabilization prior to a 2-hour cap on low-flow purging. Due to very poor recharge, monitoring wells MW2 and MW5 were essentially dewatered regardless of the purge rate. In order to ensure sampling of water representative of the formation at these two locations, the pumps were cycled until three well volumes were removed. Sampling occurred after several hours when water level were estimated to have returned to approximately 90% of the initial static water level.

All groundwater, and appropriate QA/QC, samples designated for laboratory analysis were submitted to TestAmerica, Inc. of Buffalo, New York. Samples were submitted and transported (via sample drop-off at the TestAmerica Albany, NY service center) under chain of custody protocols as described in HDR's NYSDEC Standby Engineering Contract Program Field Activities Plan. All purge water generated during the groundwater sampling was drummed and stored onsite and disposed of by NYSDEC Standby IDW contractor NRC of Albany, NY. Groundwater sampling logs for HDR's sampling event can be found in Appendix B

4.0 Site Characterization Results

4.1 Surface Soil Sampling Results

Analytical results (USEPA Method 8260) indicated that there were no detections of VOCs in any of the six surface soil samples collected during the site characterization (Table 1; Figure 3a).

SVOC (USEPA Method 8270) analytical results for the surface soil sampling locations indicate that exceedances of applicable Unrestricted Use (UU), Restricted Use (RU), and Residential Restricted Use (RR) Soil Cleanup Objectives (SCOs) for benzo(A)anthracene (4.1 mg/kg), benzo(B)fluoranthene (3.8 mg/kg), and chrysene (4.5 mg/kg) occur in the surface soil sample collected at SS5. Fluoranthene, phenanthrene, and pyrene were also detected in sample SS5 but each were present in concentrations below applicable Part 375 UU, RU, and RR SCOs. The only other SVOC detection in surface soils was 1.9 mg/kg of bis(2-ethylhexyl)phthalate from sample SS2. No standards exist under the Part 375 UU, RU, or RR SCOs for this compound.

Pesticide (8081) analytical results indicated that P,P'-DDE was present in all six of the surface soil samples and exceeded the UU SCO in all but sample SS3 and SS6. The maximum detected concentration was 0.014 mg/kg in sample SS2. None of the P,P'-DDE detections were at concentrations exceeding RU or RR SCOs. Likewise, P,P'-DDT was detected in all of the surficial soil samples and exceeded the UU SCO in all but a single location (SS4). The maximum detected P,P'-DDT concentration was 0.026 mg/kg in sample SS5. No P,P'-DDT was detected in surficial soils at concentrations exceeding applicable RU or RR SCOs.

TAL Metals and Mercury (USEPA 6010C and 7471B) analyses of surficial soil samples indicated that several metals are present sitewide at detected concentrations above applicable SCOs.

Arsenic was detected from sample location SS2 at a concentration (13.6 mg/kg) exceeding the UU SCO for the metal. Arsenic was also present in all other surficial soil samples but at levels below applicable UU, RU, and RR SCOs.

Lead was present at concentrations exceeding its UU SCO in all surficial soil samples except the sample collected at location SS4. No other applicable lead SCOs were exceeded in any of the surficial soils. The maximum detected concentration of lead was 335 mg/kg in the sample collected from location SS1.

Zinc concentrations exceed the UU SCO for this metal at all surficial soil sample locations except SS2. None of the detected zinc concentrations exceeded RU or RR SCOs and the maximum concentration of the metal was 171 mg/kg from sample location SS1.

Since hexavalent chromium samples were not collected the total chromium analytical results were compared to the more conservative hexavalent chromium SCOs (1 mg/kg UU SCO). Total chromium concentrations were higher than the hexavalent chromium UU SCO in all surficial soil samples collected during the site characterization. The total chromium concentration (22.6 mg/kg) is slightly higher than the RU SCO for hexavalent chromium at the SS5 surface sample location on the east side of the driveway (Figure 3). Neither the RR SCO for hexavalent chromium nor the UU SCO specifically for trivalent chromium are exceeded in any of the surface soil samples.

The field duplicate sample (DUPE-20170712) yielded several results for metals analysis with the duplicate sample exhibiting higher concentrations than the parent sample (SS1-0-2-20170712). In the case of arsenic and manganese, the duplicate results exhibited concentrations high enough to exceed the UU, RU, and RR SCOs for these metals whereas in the parent sample the concentrations were below all applicable SCO values. This is attributed to the heterogeneity inherent in the sample fractions selected for analysis.

4.2 Subsurface Sampling Results

VOC (8260C) and SVOC (8270) analytical results were non-detect for all target list compounds at each of the five subsurface soil samples collected during installation of the five new monitoring wells (MW-1 through MW-5) (Table1; Figure 3b).

The only pesticide detections in subsurface soils were of P,P'-DDE and P,P'-DDT from sampling location MW5. Neither pesticide was present in concentrations exceeding the applicable UU, RU, or RR SCOs for these compounds.

TAL Metals and Mercury (6010C and 7471B) analyses of subsurface soil samples indicated the presence of an array of metals for each of the sampling locations but only two, chromium and nickel, were detected at concentrations exceeding at least one

applicable SCO. The metals detections are summarized in Subsurface Soils Analytical Result table following the report text.

As was the case for the surficial soil sample results described above, total chromium analytical results were compared to the more conservative hexavalent chromium SCOs (1 mg/kg). Total chromium concentrations were higher than the hexavalent chromium UU SCO in all of the subsurface soil samples collected during the site characterization. In all but the MW4 sample the chromium detections were made from samples collected in the 8-12 ft depth interval while in the MW4 sample the chromium detection was from the 4-8 ft depth interval. The maximum detected concentration was 21.2 mg/kg total chromium in the sample collected from location MW2. The measured total chromium results were not found to be above RU and RR SCOs specifically for hexavalent chromium or trivalent chromium in any of the subsurface soil samples.

Nickel was the only other metal detected at a concentration exceeding an applicable SCO for the subsurface soil samples. The detected concentration of nickel in the sample collected from location MW5 (8-12 ft depth interval) was 30.3 mg/kg which is slightly higher than the UU SCO for this metal. Nickel was detected in all other subsurface soil samples as well but at levels below all applicable SCOs.

4.3 Groundwater Sampling Results

Groundwater samples collected at the site in the newly installed monitoring wells and one sample collected from the existing dug well were analyzed for VOCs, SVOCs, pesticides, TAL Metals, 1,4-dioxane, and PFCs (Table 2; Figure 4).

No VOCs or SVOCs were detected in any of the groundwater samples at concentrations exceeding applicable Part 703.5 Class GA groundwater standards. No 1,4-dioxane detections occurred for any of the groundwater samples collected during the site characterization.

Pesticides analysis detected the pesticide heptachlor epoxide in MW1 at a concentration of 0.036 μg/l, which exceeds the Class GA groundwater standard for this compound. Two other pesticides, alpha BHC and gamma BHC, were the only other pesticides detected in groundwater and were both present in MW4 at concentrations below their respective Class GA standards.

Metals analysis (6010C) detected sodium levels (dissolved and total) above Class GA groundwater standards in the sampled wells with the exception of MW5 and the dug well. The highest detected sodium concentration was 124,000 μg/l in the MW3 dissolved fraction sample. The only other Class GA groundwater standard exceedances for metals from the well sampling were for dissolved fraction manganese (340 μg/l) and total iron (840 μg/l) and total manganese (360 μg/l) in the sample collected from MW5.

An array of PFCs were analyzed for during the site characterization and low concentration detections of these various compounds in groundwater occurred for the samples collected

from the on-site wells. No groundwater standards criteria have been established for most of these compounds, however PFOS and PFOA have groundwater standards established (individual or combined concentrations at 70 ng/l) under a USEPA Drinking Water Health Advisory. No exceedances of the 70 ng/l standard for combined concentrations of PFOS and PFOA were indicated in the analytical results at any discrete sampling point. The highest individual concentrations for these specific compounds being 36 ng/l PFOS from the dug well sample and 30 ng/l PFOA from the MW4 sample.

5.0 Conclusions

Site characterization of the 78 Sheer Road site included the evaluation of several categories of contaminants in the surficial soils, subsurface soils, and groundwater. Surface soils were collected within the top two inches beneath the organic surface cover at the site and were analyzed for VOCs, SVOCs, pesticides and TAL metals. Subsurface soil samples were collected from macrocores at a depth of either 4-8 feet bgs or 8-12 feet bgs during the installation of monitoring wells conducted as part of the site characterization. Subsurface soil samples were also analyzed for VOCs, SVOCs, pesticides, and TAL metals. Groundwater samples were collected via low flow sampling methods from each of the five new monitoring wells installed during the site characterization and from the existing dug well identified as the source of contamination on the property. Each groundwater sample was submitted for TCL VOCs, TCL SVOCs, pesticides, TAL metals (TAL metals dissolved), 1,4-dioxane, and PFCs analysis.

The surficial soil sampling program indicated that three SVOCs were detected at sampling location SS5 at concentrations exceeding all SCOs (UU, RU, RR) to which the values were compared (Figure 3A). No other SVOC SCO exceedances were noted from any other surficial soil samples. Unrestricted use SCOs for at least one pesticide was exceeded in each of the six surface soil sampling locations at the site. The detected concentrations of pesticides at the site are relatively low ranging from 0.0012 to 0.026 mg/kg, however the detections are occurring in surficial soils (0-2 inches) where human receptors could potentially come in contact with the contaminated soils (Figure 3). The total chromium concentrations in the surface soils ranged from 16.1 mg/kg (SS1) to 22.6 mg/kg (SS5). The noted concentrations would all exceed the SCOs under the assumption that all of the measured chromium was hexavalent. The site history does not suggest that hexavalent chromium would be present at this site and it is likely that the noted concentrations represent the upper range of what would be site background for naturally occurring chromium (NYSDEC 2006). Surficial soil lead concentrations exceed UU SCOs in four of the sampled locations (134 to 335 mg/kg) and zinc concentrations (121 mg/kg to 205 mg/kg) exceeded the applicable UU SCOs in all but sample SS2. The elevated lead and zinc concentrations maybe attributable to fill materials placed at the site.

The results of the subsurface soil sampling investigation indicate that no VOCs, SVOCs, or pesticides were present at concentrations exceeding applicable SCOs. Nickel was the only exceedance detected for metals in the subsurface soil samples with the concentration from the 8-12 ft depth interval for sample location MW5 reported as slightly exceeding its

UU SCO. Similar to the surface soils the total chromium concentrations from the subsurface soil samples ranged from 16.6 mg/kg (MW4) to 21.2 (MW1 and MW3) and the noted concentrations are likely representative of site background.

Groundwater samples were collected from each of the newly installed monitoring wells and from the existing dug-well and compared to Part 703.5 Class GA Water Quality Standards. No detections of VOCs or SVOCs at concentrations exceeding Class GA standards were found for the groundwater samples collected at the site. 1,4-dioxane was also not detected in the groundwater at the site. Trace concentrations of PFCs were found in the site groundwater at combined concentrations less than 70 ng/l. The most likely explanation for the presence of these compounds is the on-site residential septic system. The groundwater sample collected from the dug well during the well sampling event in July 2017 did not exceed applicable standards for any analytes. Previously, exceedances of iron, magnesium, lead, lindane, endrin, and alpha-BHC were reported for the sample collected and analyzed after the well was vacuumed out. Since these parameters were not detected above standards in the dug well it is unlikely that the well is a continuing source for groundwater contamination. The pesticide heptachlor epoxide detected in the monitoring well MW1 sample and was the only pesticide detected at a concentration exceeding Class GA standards (Table 2; Figure 4). Given the proximity of MW1 to the dug well contaminant source it was thought that the presence of this pesticide may be linked to the dug well, however, this particular compound had not been historically detected in the dug well so its origin is unknown.

Analytical results indicate that sodium concentrations exceed applicable Class GA standards in all but one of the monitoring wells and the dug well. The only other metals exceedances of Class GA standards were for total iron and total and dissolved manganese in the groundwater sample from MW5. In general, metals detections from the groundwater samples are likely derived from the geologic setting of the site and representative of naturally occurring site background concentrations.

A round of synoptic water levels was collected from all onsite wells approximately one week following the ground water sampling event to allow levels to re-equilibrate after sampling (Table 3; Figure 5). On a localized scale encompassing the distribution of the on-site wells, groundwater generally appears to flow northward across the site at a shallow gradient. Considering all of the available analytical data for the contaminants of concern and a northerly groundwater flow direction it does not appear that a groundwater contaminant plume extends from the known disposal at the dug well.

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Tables

			Sample Location	MW1		MW2		MW3		MW4		MW5	
			Sample ID	MW1-8-12-20170712		MW2-8-12-20170712		MW3-8-12-20170713		MW1-4-8-20170713		MW5-8-12-20170712	
			Sample Interval	8' - 12'		8' - 12'		8' - 11'		4' - 8'		8' - 12'	
			Sample Date	7/12/2017		7/12/2017		7/13/2017		7/13/2017		7/12/2017	
VOCs	**NYSDEC Part 375 UUSCO**	**NYSDEC Part 375 RUSCO**	**NYSDEC Part 375 RRUSCO**										
1,1,1-Trichloroethane	0.68	100	100	ND	U	ND	U	ND	U	ND	U	ND	U
1,1,2,2-Tetrachloroethane	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
1,1,2-Trichloroethane	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
1,1-Dichloroethane	0.27	19	26	ND	U	ND	U	ND	U	ND	U	ND	U
1,1-Dichloroethene	0.33	100	100	ND	U	ND	U	ND	U	ND	U	ND	U
1,2,4-Trichlorobenzene	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
1,2-Dibromo-3-chloropropane	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
1,2-Dibromoethane	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
1,2-Dichlorobenzene	1.1	100	100	ND	U	ND	U	ND	U	ND	U	ND	U
1,2-Dichloroethane	0.02	2.3	3.1	ND	U	ND	U	ND	U	ND	U	ND	U
1,2-Dichloropropane	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
1,3-Dichlorobenzene	2.4	17	49	ND	U	ND	U	ND	U	ND	U	ND	U
1,4-Dichlorobenzene	1.8	9.8	13	ND	U	ND	U	ND	U	ND	U	ND	U
2-Hexanone	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
Acetone	0.05	100	100	ND	U	ND	U	ND	U	ND	U	ND	U
Benzene	0.06	2.9	4.8	ND	U	ND	U	ND	U	ND	U	ND	U
Bromodichloromethane	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
Bromoform	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
Bromomethane	NS	NS	NS	ND	U	ND	U	ND	UT	ND	UT	ND	U
Carbon disulfide	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
Carbon tetrachloride	0.76	1.4	2.4	ND	U	ND	U	ND	U	ND	U	ND	U
Chlorobenzene	1.1	100	100	ND	U	ND	U	ND	U	ND	U	ND	U
Chloroethane	NS	NS	NS	ND	U	ND	U	ND	UT	ND	UT	ND	U
Chloroform	0.37	10	49	ND	U	ND	U	ND	U	ND	U	ND	U
Chloromethane	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
cis-1,2-Dichloroethene	0.25	59	100	ND	U	ND	U	ND	U	ND	U	ND	U
cis-1,3-Dichloropropene	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
Cyclohexane	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
Dibromochloromethane	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
Dichlorodifluoromethane	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
Ethylbenzene	1	30	41	ND	U	ND	U	ND	U	ND	U	ND	U
Isopropylbenzene	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
Methyl Acetate	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
2-Butanone	0.12	100	100	ND	UT	ND	UT	ND	U	ND	U	ND	UT
4-Methyl-2-pentanone	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
Methylcyclohexane	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
Methylene chloride	0.05	51	100	ND	U	ND	U	ND	U	ND	U	ND	U
Methyl-t-butyl ether	0.93	62	100	ND	U	ND	U	ND	U	ND	U	ND	U
Styrene	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
Tetrachloroethene	1.3	5.5	19	ND	U	ND	U	ND	U	ND	U	ND	U
Toluene	0.7	100	100	ND	U	ND	U	ND	U	ND	U	ND	U
trans-1,2-Dichloroethene	0.19	100	100	ND	U	ND	U	ND	U	ND	U	ND	U
trans-1,3-Dichloropropene	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
Trichloroethene	0.47	10	21	ND	U	ND	U	ND	U	ND	U	ND	U
Trichlorofluoromethane	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
Vinyl chloride	0.02	0.21	0.9	ND	U	ND	U	ND	U	ND	U	ND	U
Xylenes (Total)	0.26	100	100	ND	U	ND	U	ND	U	ND	U	ND	U
SVOCs	**NYSDEC Part 375 UUSCO**	**NYSDEC Part 375 RUSCO**	**NYSDEC Part 375 RRUSCO**										
2,4,5-TRICHLOROPHENOL	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
2,4,6-TRICHLOROPHENOL	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
2,4-DICHLOROPHENOL	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
2,4-DIMETHYLPHENOL	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
2,4-DINITROPHENOL	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
2,4-DINITROTOLUENE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
2,6-DINITROTOLUENE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
2-CHLORONAPHTHALENE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
2-CHLOROPHENOL	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
2-Methylnaphthalene	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
2-METHYLPHENOL (O-CRESOL)	0.33	100	100	ND	U	ND	U	ND	U	ND	U	ND	U
2-NITROANILINE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
2-NITROPHENOL	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
3,3'-DICHLOROBENZIDINE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
3-NITROANILINE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
4,6-DINITRO-2-METHYLPHENOL	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
4-BROMOPHENYL PHENYL ETHER	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U

			Sample Location	MW1		MW2		MW3		MW4		MW5	
			Sample ID	MW1-8-12-20170712		MW2-8-12-20170712		MW3-8-12-20170713		MW1-4-8-20170713		MW5-8-12-20170712	
			Sample Interval	8' - 12'		8' - 12'		8' - 11'		4' - 8'		8' - 12'	
			Sample Date	7/12/2017		7/12/2017		7/13/2017		7/13/2017		7/12/2017	
4-CHLORO-3-METHYLPHENOL	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
4-CHLOROANILINE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
4-CHLOROPHENYL PHENYL ETHER	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
4-METHYLPHENOL (P-CRESOL)	0.33	34	100	ND	U	ND	U	ND	U	ND	U	ND	U
4-NITROANILINE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
4-NITROPHENOL	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
ACENAPHTHENE	20	100	100	ND	U	ND	U	ND	U	ND	U	ND	U
ACENAPHTHYLENE	100	100	100	ND	U	ND	U	ND	U	ND	U	ND	U
ACETOPHENONE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
ANTHRACENE	100	100	100	ND	U	ND	U	ND	U	ND	U	ND	U
ATRAZINE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
BENZALDEHYDE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
BENZO(A)ANTHRACENE	1	1	1	ND	U	ND	U	ND	U	ND	U	ND	U
BENZO(A)PYRENE	1	1	1	ND	U	ND	U	ND	U	ND	U	ND	U
BENZO(B)FLUORANTHENE	1	1	1	ND	U	ND	U	ND	U	ND	U	ND	U
BENZO(G,H,I)PERYLENE	100	100	100	ND	U	ND	U	ND	U	ND	U	ND	U
BENZO(K)FLUORANTHENE	0.8	1	3.9	ND	U	ND	U	ND	U	ND	U	ND	U
BENZYL BUTYL PHTHALATE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
BIPHENYL (DIPHENYL)	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
BIS(2-CHLOROETHOXY) METHANE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
BIS(2-CHLOROISOPROPYL) ETHER	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
BIS(2-ETHYLHEXYL) PHTHALATE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
CAPROLACTAM	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
CARBAZOLE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
CHRYSENE	1	1	3.9	ND	U	ND	U	ND	U	ND	U	ND	U
DIBENZ(A,H)ANTHRACENE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
DIBENZOFURAN	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
DIETHYL PHTHALATE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
DIMETHYL PHTHALATE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
DI-N-BUTYL PHTHALATE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
DI-N-OCTYLPHTHALATE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
FLUORANTHENE	100	100	100	ND	U	ND	U	ND	U	ND	U	ND	U
FLUORENE	30	100	100	ND	U	ND	U	ND	U	ND	U	ND	U
HEXACHLOROBENZENE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
HEXACHLOROBUTADIENE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
HEXACHLOROCYCLOPENTADIENE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
HEXACHLOROETHANE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
INDENO(1,2,3-C,D)PYRENE	0.5	0.5	0.5	ND	U	ND	U	ND	U	ND	U	ND	U
ISOPHORONE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
NAPHTHALENE	12	100	100	ND	U	ND	U	ND	U	ND	U	ND	U
NITROBENZENE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
N-NITROSODI-N-PROPYLAMINE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
N-NITROSODIPHENYLAMINE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
PENTACHLOROPHENOL	0.8	2.4	6.7	ND	U	ND	U	ND	U	ND	U	ND	U
PHENANTHRENE	100	100	100	ND	U	ND	U	ND	U	ND	U	ND	U
PHENOL	0.33	100	100	ND	U	ND	U	ND	U	ND	U	ND	U
PYRENE	100	100	100	ND	U	ND	U	ND	U	ND	U	ND	U
Metals	**NYSDEC Part 375 UUSCO**	**NYSDEC Part 375 RUSCO**	**NYSDEC Part 375 RRUSCO**										
ALUMINUM	NS	NS	NS	18000		17300		16900		27700		16400	
ANTIMONY	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
ARSENIC	13	16	16	6.3		7.1		6.8		11.5		10.6	
BARIUM	350	350	400	155		185		122		293		175	
BERYLLIUM	7.2	14	72	1.1		1.1		1		2.7		1.2	
CADMIUM	2.5	2.5	4.3	0.16	J	0.16	J	0.15	J	0.16	J	0.17	J
CALCIUM	NS	NS	NS	999	B	1240	B	1590	B	27600	B	1750	B
CHROMIUM, TOTAL*	1	22	110	**21.2**		**21.2**		**21.1**		**16.6**		**20.8**	
COBALT	NS	NS	NS	16.9		16.3		15.7		14.3		18.2	
COPPER	50	270	270	27.2		36.6		25.9		19.9		32.7	
IRON	NS	NS	NS	32400		33200		30500		30900		31500	
LEAD	63	400	400	21.1		16.3		16.1		32.4		23.4	
MAGNESIUM	NS	NS	NS	5020		5130		4520		5180		4660	
MANGANESE	1600	2000	2000	937		1080		889		1060		1570	
MERCURY	0.18	0.81	0.81	ND	U	ND	U	0.011	J	ND	U	0.014	J
NICKEL	30	140	310	29.1		29.1		26		24.2		**30.3**	
POTASSIUM	NS	NS	NS	2650		2380		2770		3880		2490	
SELENIUM	3.9	36	180	ND	U	ND	U	0.9	J	ND	U	ND	U
SILVER	2	36	180	ND	U	ND	U	ND	U	ND	U	ND	U

			Sample Location	MW1		MW2		MW3		MW4		MW5	
			Sample ID	MW1-8-12-20170712		MW2-8-12-20170712		MW3-8-12-20170713		MW1-4-8-20170713		MW5-8-12-20170712	
			Sample Interval	8' - 12'		8' - 12'		8' - 11'		4' - 8'		8' - 12'	
			Sample Date	7/12/2017		7/12/2017		7/13/2017		7/13/2017		7/12/2017	
SODIUM	NS	NS	NS	98.1	J	92.2	J	148	J	961		129	J
THALLIUM	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
VANADIUM	NS	NS	NS	19.9		19.1		19.9		17		20.2	
ZINC	109	2200	10000	73.3		70.2		65.1		97.7		66.2	
Pesticides	**NYSDEC Part 375 UUSCO**	**NYSDEC Part 375 RUSCO**	**NYSDEC Part 375 RRUSCO**										
ALDRIN	0.005	0.019	0.097	ND	U	ND	U	ND	U	ND	U	ND	U
ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.02	0.097	0.48	ND	U	ND	U	ND	U	ND	U	ND	U
ALPHA CHLORDANE	0.094	0.91	4.2	ND	U	ND	U	ND	U	ND	U	ND	U
ALPHA ENDOSULFAN	2.4	4.8	24	ND	U	ND	U	ND	U	ND	U	ND	U
BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.036	0.072	0.36	ND	U	ND	U	ND	U	ND	U	ND	U
BETA ENDOSULFAN	2.4	4.8	24	ND	U	ND	U	ND	U	ND	U	ND	U
DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.04	100	100	ND	U	ND	U	ND	U	ND	U	ND	U
DIELDRIN	0.005	0.039	0.2	ND	U	ND	U	ND	U	ND	U	ND	U
ENDOSULFAN SULFATE	2.4	4.8	24	ND	U	ND	U	ND	U	ND	U	ND	U
ENDRIN	0.014	2.2	11	ND	U	ND	U	ND	U	ND	U	ND	U
ENDRIN ALDEHYDE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
ENDRIN KETONE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
GAMMA BHC (LINDANE)	0.1	0.28	1.3	ND	U	ND	U	ND	U	ND	U	ND	U
HEPTACHLOR	0.042	0.42	2.1	ND	U	ND	U	ND	U	ND	U	ND	U
HEPTACHLOR EPOXIDE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
METHOXYCHLOR	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
P,P'-DDD	0.0033	2.6	13	ND	U	ND	U	ND	U	ND	U	ND	U
P,P'-DDE	0.0033	1.8	8.9	ND	U	ND	U	ND	U	ND	U	0.00066	J
P,P'-DDT	0.0033	1.7	7.9	ND	U	ND	U	ND	U	ND	U	0.0013	J
TOXAPHENE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U
trans-Chlordane	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U

			Sample Location	SS1		DUPE		SS2		SS3		SS4		SS5		SS6	
			Sample ID	SS1-0-2-20170712		DUPE-20170712		SS1-0-2-20170713		SS3-0-2-20170713		SS4-0-2-20170712		SS5-0-2-20170713		SS6-0-2-20170713	
			Sample Interval	0" - 2"				0" - 2"		0" - 2"		0" - 2"		0" - 2"		0" - 2"	
			Sample Date	7/12/2017		7/12/2017		7/13/2017		7/13/2017		7/12/2017		7/13/2017		7/13/2017	
VOCs	**NYSDEC Part 375 UUSCO**	**NYSDEC Part 375 RUSCO**	**NYSDEC Part 375 RRUSCO**														
1,1,1-Trichloroethane	0.68	100	100	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
1,1,2,2-Tetrachloroethane	NS	NS	NS	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NS	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
1,1,2-Trichloroethane	NS	NS	NS	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
1,1-Dichloroethane	0.27	19	26	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
1,1-Dichloroethene	0.33	100	100	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
1,2,4-Trichlorobenzene	NS	NS	NS	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
1,2-Dibromo-3-chloropropane	NS	NS	NS	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
1,2-Dibromoethane	NS	NS	NS	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
1,2-Dichlorobenzene	1.1	100	100	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
1,2-Dichloroethane	0.02	2.3	3.1	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
1,2-Dichloropropane	NS	NS	NS	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
1,3-Dichlorobenzene	2.4	17	49	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
1,4-Dichlorobenzene	1.8	9.8	13	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
2-Hexanone	NS	NS	NS	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
Acetone	0.05	100	100	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
Benzene	0.06	2.9	4.8	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
Bromodichloromethane	NS	NS	NS	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
Bromoform	NS	NS	NS	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
Bromomethane	NS	NS	NS	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
Carbon disulfide	NS	NS	NS	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
Carbon tetrachloride	0.76	1.4	2.4	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
Chlorobenzene	1.1	100	100	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
Chloroethane	NS	NS	NS	ND	U	ND	U	ND	UT	ND	UJ	ND	UT	ND	UT	ND	UT
Chloroform	0.37	10	49	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
Chloromethane	NS	NS	NS	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
cis-1,2-Dichloroethene	0.25	59	100	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
cis-1,3-Dichloropropene	NS	NS	NS	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
Cyclohexane	NS	NS	NS	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
Dibromochloromethane	NS	NS	NS	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
Dichlorodifluoromethane	NS	NS	NS	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
Ethylbenzene	1	30	41	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
Isopropylbenzene	NS	NS	NS	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
Methyl Acetate	NS	NS	NS	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
2-Butanone	0.12	100	100	ND	UT	ND	UT	ND	UT	ND	UJ	ND	UT	ND	UT	ND	UT
4-Methyl-2-pentanone	NS	NS	NS	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
Methylcyclohexane	NS	NS	NS	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
Methylene chloride	0.05	51	100	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
Methyl-t-butyl ether	0.93	62	100	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
Styrene	NS	NS	NS	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
Tetrachloroethene	1.3	5.5	19	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
Toluene	0.7	100	100	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
trans-1,2-Dichloroethene	0.19	100	100	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
trans-1,3-Dichloropropene	NS	NS	NS	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
Trichloroethene	0.47	10	21	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
Trichlorofluoromethane	NS	NS	NS	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
Vinyl chloride	0.02	0.21	0.9	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
Xylenes (Total)	0.26	100	100	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U
SVOCs	**NYSDEC Part 375 UUSCO**	**NYSDEC Part 375 RUSCO**	**NYSDEC Part 375 RRUSCO**														
2,4,5-TRICHLOROPHENOL	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
2,4,6-TRICHLOROPHENOL	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
2,4-DICHLOROPHENOL	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
2,4-DIMETHYLPHENOL	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
2,4-DINITROPHENOL	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
2,4-DINITROTOLUENE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
2,6-DINITROTOLUENE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
2-CHLORONAPHTHALENE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
2-CHLOROPHENOL	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
2-Methylnaphthalene	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
2-METHYLPHENOL (O-CRESOL)	0.33	100	100	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
2-NITROANILINE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
2-NITROPHENOL	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
3,3'-DICHLOROBENZIDINE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
3-NITROANILINE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
4,6-DINITRO-2-METHYLPHENOL	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
4-BROMOPHENYL PHENYL ETHER	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U

			Sample Location	SS1		DUPE		SS2		SS3		SS4		SS5		SS6	
			Sample ID	SS1-0-2-20170712		DUPE-20170712		SS1-0-2-20170713		SS3-0-2-20170713		SS4-0-2-20170712		SS5-0-2-20170713		SS6-0-2-20170713	
			Sample Interval	0" - 2"				0" - 2"		0" - 2"		0" - 2"		0" - 2"		0" - 2"	
			Sample Date	7/12/2017		7/12/2017		7/13/2017		7/13/2017		7/12/2017		7/13/2017		7/13/2017	
4-CHLORO-3-METHYLPHENOL	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
4-CHLOROANILINE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
4-CHLOROPHENYL PHENYL ETHER	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
4-METHYLPHENOL (P-CRESOL)	0.33	34	100	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
4-NITROANILINE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
4-NITROPHENOL	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
ACENAPHTHENE	20	100	100	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
ACENAPHTHYLENE	100	100	100	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
ACETOPHENONE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
ANTHRACENE	100	100	100	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
ATRAZINE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
BENZALDEHYDE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
BENZO(A)ANTHRACENE	1	1	1	ND	U	ND	U	ND	U	ND	U	ND	U	***4.1***	J	ND	U
BENZO(A)PYRENE	1	1	1	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
BENZO(B)FLUORANTHENE	1	1	1	ND	U	ND	U	ND	U	ND	U	ND	U	***3.8***	J	ND	U
BENZO(G,H,I)PERYLENE	100	100	100	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
BENZO(K)FLUORANTHENE	0.8	1	3.9	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
BENZYL BUTYL PHTHALATE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
BIPHENYL (DIPHENYL)	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
BIS(2-CHLOROETHOXY) METHANE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
BIS(2-CHLOROISOPROPYL) ETHER	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
BIS(2-ETHYLHEXYL) PHTHALATE	NS	NS	NS	ND	U	ND	U	1.9		ND	U	ND	U	ND	U	ND	U
CAPROLACTAM	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
CARBAZOLE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
CHRYSENE	1	1	3.9	ND	U	ND	U	ND	U	ND	U	ND	U	***4.5***	J	ND	U
DIBENZ(A,H)ANTHRACENE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
DIBENZOFURAN	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
DIETHYL PHTHALATE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
DIMETHYL PHTHALATE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
DI-N-BUTYL PHTHALATE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
DI-N-OCTYLPHTHALATE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
FLUORANTHENE	100	100	100	ND	U	ND	U	ND	U	ND	U	ND	U	6.6	J	ND	U
FLUORENE	30	100	100	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
HEXACHLOROBENZENE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
HEXACHLOROBUTADIENE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
HEXACHLOROCYCLOPENTADIENE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
HEXACHLOROETHANE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
INDENO(1,2,3-C,D)PYRENE	0.5	0.5	0.5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
ISOPHORONE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
NAPHTHALENE	12	100	100	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
NITROBENZENE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
N-NITROSODI-N-PROPYLAMINE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
N-NITROSODIPHENYLAMINE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
PENTACHLOROPHENOL	0.8	2.4	6.7	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
PHENANTHRENE	100	100	100	ND	U	ND	U	ND	U	ND	U	ND	U	2.3	J	ND	U
PHENOL	0.33	100	100	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
PYRENE	100	100	100	ND	U	ND	U	ND	U	ND	U	ND	U	5.3	J	ND	U
Metals	**NYSDEC Part 375 UUSCO**	**NYSDEC Part 375 RUSCO**	**NYSDEC Part 375 RRUSCO**														
ALUMINUM	NS	NS	NS	18800		27700		21200		18600	J	21300		18500		20000	
ANTIMONY	NS	NS	NS	ND	U	ND	U	ND	U	ND	UJ	0.89	J	0.79	J	0.65	J
ARSENIC	13	16	16	6.5	J	***29***	J	**13.6**		6.8	J-	6.2		7.5		6.7	
BARIUM	350	350	400	151	J	303	J	135		135	J-	117		116		119	
BERYLLIUM	7.2	14	72	1.3	J	3.6	J	1.3		1.1	T	0.69		0.77		0.86	
CADMIUM	2.5	2.5	4.3	0.49		0.81	J	0.32		0.46	T	0.92		2.4		0.61	
CALCIUM	NS	NS	NS	11400	J	43300	J	10200	B	6670	J	1150	B	1800	B	1580	B
CHROMIUM, TOTAL*	1	22	110	**16.1**		**19.4**		**17.3**		**15.9**	J	**19.6**		***22.6***		**20.7**	
COBALT	NS	NS	NS	11.3		9.8		12.9		10		8.8		11.4		13.8	
COPPER	50	270	270	19.9		32.1		22.2		15.3	J	25.6		35.1		22	
IRON	NS	NS	NS	21200		20200		25000		18900	J	21900		28700		28900	
LEAD	63	400	400	**335**		**235**		**105**		**134**	J	50.1		**117**		27.8	
MAGNESIUM	NS	NS	NS	2890	J	6880	J	3490		2850	J	2730		4660		4150	
MANGANESE	1600	2000	2000	593	J	***2040***	J	608		656	J-	686		637		659	
MERCURY	0.18	0.81	0.81	0.07		0.087		0.11		0.071		0.066		0.061		0.053	
NICKEL	30	140	310	19.8		15.2		23.7		18.6	T	15.7		23.2		25.5	
POTASSIUM	NS	NS	NS	2210		2150		2140		1790	J	1550		2260		1990	
SELENIUM	3.9	36	180	ND	U	ND	U	ND	U	ND	UT	1	J	1.8	J	0.78	J
SILVER	2	36	180	ND	U	ND	U	ND	U	ND	UJ	ND	U	ND	U	ND	U

			Sample Location	SS1		DUPE		SS2		SS3		SS4		SS5		SS6	
			Sample ID	SS1-0-2-20170712		DUPE-20170712		SS1-0-2-20170713		SS3-0-2-20170713		SS4-0-2-20170712		SS5-0-2-20170713		SS6-0-2-20170713	
			Sample Interval	0" - 2"				0" - 2"		0" - 2"		0" - 2"		0" - 2"		0" - 2"	
			Sample Date	7/12/2017		7/12/2017		7/13/2017		7/13/2017		7/12/2017		7/13/2017		7/13/2017	
SODIUM	NS	NS	NS	412	J	937	J	369		264	T	69	J	129	J	81.4	J
THALLIUM	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
VANADIUM	NS	NS	NS	16		18		17.5		20.6	J	24.7		25.7		23.4	
ZINC	109	2200	10000	**171**		**205**		106		**120**	J	**121**		**155**		**147**	
Pesticides	**NYSDEC Part 375 UUSCO**	**NYSDEC Part 375 RUSCO**	**NYSDEC Part 375 RRUSCO**														
ALDRIN	0.005	0.019	0.097	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.02	0.097	0.48	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
ALPHA CHLORDANE	0.094	0.91	4.2	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
ALPHA ENDOSULFAN	2.4	4.8	24	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.036	0.072	0.36	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
BETA ENDOSULFAN	2.4	4.8	24	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.04	100	100	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
DIELDRIN	0.005	0.039	0.2	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
ENDOSULFAN SULFATE	2.4	4.8	24	ND	U	ND	U	ND	U	0.0012	J	ND	U	ND	U	ND	U
ENDRIN	0.014	2.2	11	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
ENDRIN ALDEHYDE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
ENDRIN KETONE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
GAMMA BHC (LINDANE)	0.1	0.28	1.3	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
HEPTACHLOR	0.042	0.42	2.1	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
HEPTACHLOR EPOXIDE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
METHOXYCHLOR	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
P,P'-DDD	0.0033	2.6	13	ND	U	ND	U	0.0012	J	ND	U	ND	U	0.0028	NJ	0.00042	J
P,P'-DDE	0.0033	1.8	8.9	**0.0078**		**0.0069**		**0.014**		0.0019	J	**0.0035**		**0.012**		0.0016	NJ
P,P'-DDT	0.0033	1.7	7.9	**0.0073**		**0.006**		**0.014**		**0.0049**		0.0033		**0.026**		**0.0044**	
TOXAPHENE	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
trans-Chlordane	NS	NS	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U

Footnotes

(1) NS - No Standard
ND - Not detected at the reporting limit

(2) VOC - SVOC - Metals - Pesticides:

Units - miligram per kilogram (mg/Kg)

Bold : Exceedence of NYSDEC Part 375 UUSCO - Unrestricted Use SCO
Italic : Exceedence of NYSDEC Part 375 CUSCOs - Residential Use SCO
Shaded: Exceedence of NYSDEC Part 375 IUSCOs - Restricted- Residential Use SCO

*Hexavalent chromium standard used

Qualifiers

J - Approximate value. Result is less than RL but greater than or equal to the MDL. ("-" Bias Low)
U - Compound analyzed for but no detected.
B - Compound found in blank and sample
T - MS and/or MSD Recovery is outside acceptance limits.
NJ - Detection is tentative in identification and estimated in value.

Sample Location		MW1		MW2		MW3		DUPE1		MW4		MW5		Dug Well		EQUIPMENT BLANK		TRIP BLANK	
Sample Name		MW1-20170720		MW2-20170720		MW3-20170720		DUPE1-20170720		MW4-20170720		MW5-20170721		DW1-20170720		EB1-20170720		TB1-20170720	
Sample Date		7/20/2017		7/20/2017		7/20/2017		7/20/2017		7/20/2017		7/21/2017		7/20/2017		7/20/2017		7/20/2017	
VOCs	Criteria																		
1,1,1-TRICHLOROETHANE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
1,1,2,2-TETRACHLOROETHANE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
1,1,2-TRICHLOROETHANE	1	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
1,1-DICHLOROETHANE	5	ND	U	ND	U	ND	U	ND	U	ND	UT	ND	U	ND	U	ND	U	ND	U
1,1-DICHLOROETHENE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
1,2,4-TRICHLOROBENZENE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
1,2-DIBROMO-3-CHLOROPROPANE	0.04	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
1,2-DICHLOROBENZENE	3	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
1,2-DICHLOROETHANE	0.6	ND	U	ND	U	ND	U	ND	U	ND	UT	ND	U	ND	U	ND	U	ND	U
1,2-DICHLOROPROPANE	1	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
1,3-DICHLOROBENZENE	3	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
1,4-DICHLOROBENZENE	3	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
2-HEXANONE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
ACETONE	NS	ND	UT	ND	UT	ND	UT	ND	UT	ND	UT	ND	UT	ND	UT	ND	UT	ND	UT
BENZENE	1	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
BROMODICHLOROMETHANE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
BROMOFORM	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
BROMOMETHANE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
CARBON DISULFIDE	60	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
CARBON TETRACHLORIDE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
CHLOROBENZENE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
CHLOROETHANE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
CHLOROFORM	7	ND	U	ND	U	ND	U	ND	U	0.41	J	ND	U	ND	U	ND	U	ND	U
CHLOROMETHANE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
CIS-1,2-DICHLOROETHYLENE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
CIS-1,3-DICHLOROPROPENE	0.4*	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
CYCLOHEXANE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
DIBROMOCHLOROMETHANE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
DICHLORODIFLUOROMETHANE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
ETHYLBENZENE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
Isopropylbenzene (Cumene)	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
METHYL ACETATE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
METHYL ETHYL KETONE (2-BUTANONE)	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	NS	ND	U	ND	U	ND	U	ND	U	ND	UT	ND	U	ND	U	ND	U	ND	U
METHYLCYCLOHEXANE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
METHYLENE CHLORIDE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
STYRENE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
TERT-BUTYL METHYL ETHER	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
TETRACHLOROETHYLENE(PCE)	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
TOLUENE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
TRANS-1,2-DICHLOROETHENE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
TRANS-1,3-DICHLOROPROPENE	0.4*	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
TRICHLOROETHYLENE (TCE)	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
TRICHLOROFLUOROMETHANE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
VINYL CHLORIDE	2	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
XYLENES, TOTAL	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
1,4-Dioxane	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
SVOCs	Criteria																		
2,4,5-TRICHLOROPHENOL	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
2,4,6-TRICHLOROPHENOL	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
2,4-DICHLOROPHENOL	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
2,4-DIMETHYLPHENOL	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
2,4-DINITROPHENOL	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
2,4-DINITROTOLUENE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
2,6-DINITROTOLUENE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
2-CHLORONAPHTHALENE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
2-CHLOROPHENOL	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
2-Methylnaphthalene	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
2-METHYLPHENOL (O-CRESOL)	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
2-NITROANILINE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
2-NITROPHENOL	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
3,3'-DICHLOROBENZIDINE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
3-NITROANILINE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
4,6-DINITRO-2-METHYLPHENOL	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
4-BROMOPHENYL PHENYL ETHER	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
4-CHLORO-3-METHYLPHENOL	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA

Sample Location		MW1		MW2		MW3		DUPE1		MW4		MW5		Dug Well		EQUIPMENT BLANK		TRIP BLANK	
Sample Name		MW1-20170720		MW2-20170720		MW3-20170720		DUPE1-20170720		MW4-20170720		MW5-20170721		DW1-20170720		EB1-20170720		TB1-20170720	
Sample Date		7/20/2017		7/20/2017		7/20/2017		7/20/2017		7/20/2017		7/21/2017		7/20/2017		7/20/2017		7/20/2017	
4-CHLOROANILINE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
4-CHLOROPHENYL PHENYL ETHER	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
4-METHYLPHENOL (P-CRESOL)	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
4-NITROANILINE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
4-NITROPHENOL	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
ACENAPHTHENE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
ACENAPHTHYLENE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
ACETOPHENONE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
ANTHRACENE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
ATRAZINE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
BENZALDEHYDE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
BENZO(A)ANTHRACENE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
BENZO(A)PYRENE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
BENZO(B)FLUORANTHENE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
BENZO(G,H,I)PERYLENE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
BENZO(K)FLUORANTHENE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
BENZYL BUTYL PHTHALATE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
BIPHENYL (DIPHENYL)	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
BIS(2-CHLOROETHOXY) METHANE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
BIS(2-CHLOROISOPROPYL) ETHER	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
BIS(2-ETHYLHEXYL) PHTHALATE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
CAPROLACTAM	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
CARBAZOLE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
CHRYSENE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
DIBENZ(A,H)ANTHRACENE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
DIBENZOFURAN	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
DIETHYL PHTHALATE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
DIMETHYL PHTHALATE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
DI-N-BUTYL PHTHALATE	50	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
DI-N-OCTYLPHTHALATE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
FLUORANTHENE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
FLUORENE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
HEXACHLOROBENZENE	0.04	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
HEXACHLOROBUTADIENE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
HEXACHLOROCYCLOPENTADIENE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
HEXACHLOROETHANE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
INDENO(1,2,3-C,D)PYRENE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
ISOPHORONE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
NAPHTHALENE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
NITROBENZENE	0.4	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
N-NITROSODI-N-PROPYLAMINE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
N-NITROSODIPHENYLAMINE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
PENTACHLOROPHENOL	1	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
PHENANTHRENE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
PHENOL	1	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
PYRENE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
Pesticides	Criteria																		
ALDRIN	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.01	ND	U	ND	U	ND	U	ND	U	0.0088	J	ND	U	ND	U	ND	U	NA	NA
ALPHA CHLORDANE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
ALPHA ENDOSULFAN	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.04	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
BETA ENDOSULFAN	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.04	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
DIELDRIN	0.004	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
ENDOSULFAN SULFATE	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
ENDRIN	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
ENDRIN ALDEHYDE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
ENDRIN KETONE	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
GAMMA BHC (LINDANE)	0.05	ND	U	ND	U	ND	U	ND	U	0.010	J	ND	U	ND	U	ND	U	NA	NA
HEPTACHLOR	0.04	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
HEPTACHLOR EPOXIDE	0.03	**0.036**	J	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
METHOXYCHLOR	35	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
P,P'-DDD	0.3	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
P,P'-DDE	0.2	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
P,P'-DDT	0.2	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
TOXAPHENE	0.06	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
trans-Chlordane	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA

Sample Location		MW1		MW2		MW3		DUPE1		MW4		MW5		Dug Well		EQUIPMENT BLANK		TRIP BLANK	
Sample Name		MW1-20170720		MW2-20170720		MW3-20170720		DUPE1-20170720		MW4-20170720		MW5-20170721		DW1-20170720		EB1-20170720		TB1-20170720	
Sample Date		7/20/2017		7/20/2017		7/20/2017		7/20/2017		7/20/2017		7/21/2017		7/20/2017		7/20/2017		7/20/2017	
Metals - Dissolved	Criteria																		
ALUMINUM	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
ANTIMONY	3	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
ARSENIC	25	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
BARIUM	1000	150		160		180		180		120		61		54		ND	U	NA	NA
BERYLLIUM	3	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
CADMIUM	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
CALCIUM	NS	35100	B	33700	B	52700	B	53300	B	30400	B	19300	B	17200	B	ND	U	NA	NA
CHROMIUM, TOTAL	50	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
COBALT	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
COPPER	200	ND	U	ND	U	ND	U	ND	U	ND	U	3.2	J	ND	U	ND	U	NA	NA
IRON	300	ND	U	ND	U	ND	U	ND	U	ND	U	92		ND	U	ND	U	NA	NA
LEAD	25	ND	U	ND	U	3.9	J	ND	U	ND	U	3.1	J	ND	U	ND	U	NA	NA
MAGNESIUM	35000	13500		11800		16100		16200		11200		7300		2800		ND	U	NA	NA
MANGANESE	300	170	B	150	B	290	B	290	B	150	BT	**340**	B	4.2	B	ND	U	NA	NA
NICKEL	100	ND	U	1.9	J	2.3	J	2.2	J	1.9	J	2.1	J	ND	U	ND	U	NA	NA
POTASSIUM	NS	1100	J	1000	B	1500	B	1500	B	1100	B	1400	B	1100	B	ND	U	NA	NA
SELENIUM	10	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
SILVER	50	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
SODIUM	20000	**75400**	B	**115000**	J	**124000**	B	**125000**	B	**94900**	B	11300	B	6100	B	ND	U	NA	NA
THALLIUM	0.5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
VANADIUM	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
ZINC	2000	7.5	BJ	15	B	5.5	BJ	7.9	BJ	3.8	BJ	11	B	37	B	3.4	BJ	NA	NA
MERCURY	0.7	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
Metals - Total	Criteria																		
ALUMINUM	NS	ND	U	200		ND	U	ND	U	ND	U	820		ND	U	ND	U	NA	NA
ANTIMONY	3	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
ARSENIC	25	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
BARIUM	1000	150		150		180		180		120		71		53		ND	U	NA	NA
BERYLLIUM	3	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
CADMIUM	5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
CALCIUM	NS	34100		29700		50200		51300		29900		20700		16500		ND	U	NA	NA
CHROMIUM, TOTAL	50	ND	U	ND	U	ND	U	ND	U	ND	U	2.3	J	ND	U	ND	U	NA	NA
COBALT	NS	ND	U	ND	U	ND	U	ND	U	ND	U	0.72	J	ND	U	ND	U	NA	NA
COPPER	200	ND	U	ND	U	ND	U	ND	U	ND	U	11		ND	U	ND	U	NA	NA
IRON	300	ND	U	210		22	J	23	J	51		**840**		ND	U	ND	U	NA	NA
LEAD	25	ND	U	ND	U	ND	U	ND	U	ND	U	4.5	J	ND	U	ND	U	NA	NA
MAGNESIUM	35000	13300		10600		15500		15900		11100		7300		2800		ND	U	NA	NA
MANGANESE	300	160	B	140	B	280	B	290	B	160	J	**360**	B	5.2	B	1.1	BJ	NA	NA
NICKEL	100	ND	U	2.1	J	2.6	J	2.2	J	1.8	J	3.3	J	ND	U	ND	U	NA	NA
POTASSIUM	NS	880	J	930		1300		1400		920		1900		950		ND	U	NA	NA
SELENIUM	10	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
SILVER	50	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
SODIUM	20000	**72000**		**99500**	J	**117000**		**120000**		**92000**		12700		5800		ND	U	NA	NA
THALLIUM	0.5	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
VANADIUM	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
ZINC	2000	2.500	J	14		4.3	J	4.4	J	2.1	J	12		34		5.3	J	NA	NA
MERCURY	0.7	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
PFCs	Criteria																		
PERFLUOROBUTANESULFONIC ACID	NS	1.2	J	ND	U	ND	U	ND	U	9.5		1.0	J	5.3		ND	U	NA	NA
PERFLUOROBUTYRIC ACID (PFBA)	NS	ND	U	ND	U	ND	U	ND	U	51	B	ND	U	ND	U	1.3	BJ	NA	NA
PERFLUORODECANE SULFONIC ACID	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
PERFLUORODECANOIC ACID (PFDA)	NS	ND	U	ND	U	1.3	J	ND	U	0.71	J	0.74	J	0.53	J	ND	U	NA	NA
PERFLUORODODECANOIC ACID (PFDoA)	NS	ND	U	ND	U	0.76	J	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
PERFLUOROHEPTANE SULFONATE (PFHpS)	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	0.79	J	ND	U	NA	NA
Perfluoroheptanoic Acid (PFHpA)	NS	1.4	J	0.94	J	1.3	J	1.2	J	10		1.8	J	5.1		ND	U	NA	NA
PERFLUOROHEXANESULFONIC ACID	NS	1.2	J	1.0	J	1.0	J	0.97	J	16		1.3	J	4.2		ND	U	NA	NA
PERFLUOROHEXANOIC ACID (PFHxA)	NS	1.4	J	0.82	J	0.99	J	0.95	J	6.7		1.7	J	5.0		ND	U	NA	NA
PERFLUORONONANOIC ACID	NS	ND	U	ND	U	1.1	J	0.65	J	1.1	J	0.98	J	ND	U	ND	U	NA	NA
PERFLUOROOCTANE SULFONIC ACID (PFOS)	70*	3.4		6.0		4.9		4.6		19		5.4		36		ND	U	NA	NA
Perfluorooctanoic acid (PFOA)	70*	5.4		3.2		4.1		4.2		30		9.4		18		ND	U	NA	NA
PERFLUOROPENTANOIC ACID (PFPeA)	NS	1.0	J	ND	U	ND	U	1.5	J	4.6		1.2	J	3.0		ND	U	NA	NA
PERFLUOROTETRADECANOIC ACID (PFTeA)	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	0.26	BJ	NA	NA
PERFLUOROTRIDECANOIC ACID (PFTriA)	NS	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U	NA	NA
PERFLUOROUNDECANOIC ACID (PFUnA)	NS	0.74	J	ND	U	1.4	J	ND	U	0.83	J	ND	U	ND	U	ND	U	NA	NA

Footnotes

(1) NS - No Standard
ND - Not Detected at the Reporting Limit
NA - Not Applicable

(2) VOC - SVOC - Metals - Pesticides:

Units - micrograms per liter (µg/l)

Bold/highlighted cell – Exceedance of 6 NYCRR Part 703 Class GA Water Quality Standards and Classifications. Compounds without established GWQS, the applicable groundwater values from the Division of Water Technical and Operational Guidance Series 1.1.1 (TOGS 1.1.1) were used.

(3) Perfluorinated Chemicals (PFC)

Units - Parts Per Trillion (PPT)

Bold/highlighted cell – Exceedance of EPA PFOA & PFOS Drinking Water Health Advisory

Qualifiers

J - Approximate value. Result is less than RL but greater than or equal to the MDL.

U - Compound analyzed for but not detected.

B - Compound found in blank and sample

T - MS and/or MSD Recovery is outside acceptance limits.

Groundwater Elevation and Survey Results

Well ID	Top of Casing (ft NAVD88)	Top of Riser (ft NAVD88)	Static Water Level* (ft)	Groundwater Elevation (ft NAVD88)
MW1	687.96	687.79	10.76	677.03
MW2	688.39	687.78	11.18	676.60
MW3	687.53	687.27	10.43	676.84
MW4	688.40	687.90	11.49	676.41
MW5	687.59	687.28	10.49	676.79

Culvert Information

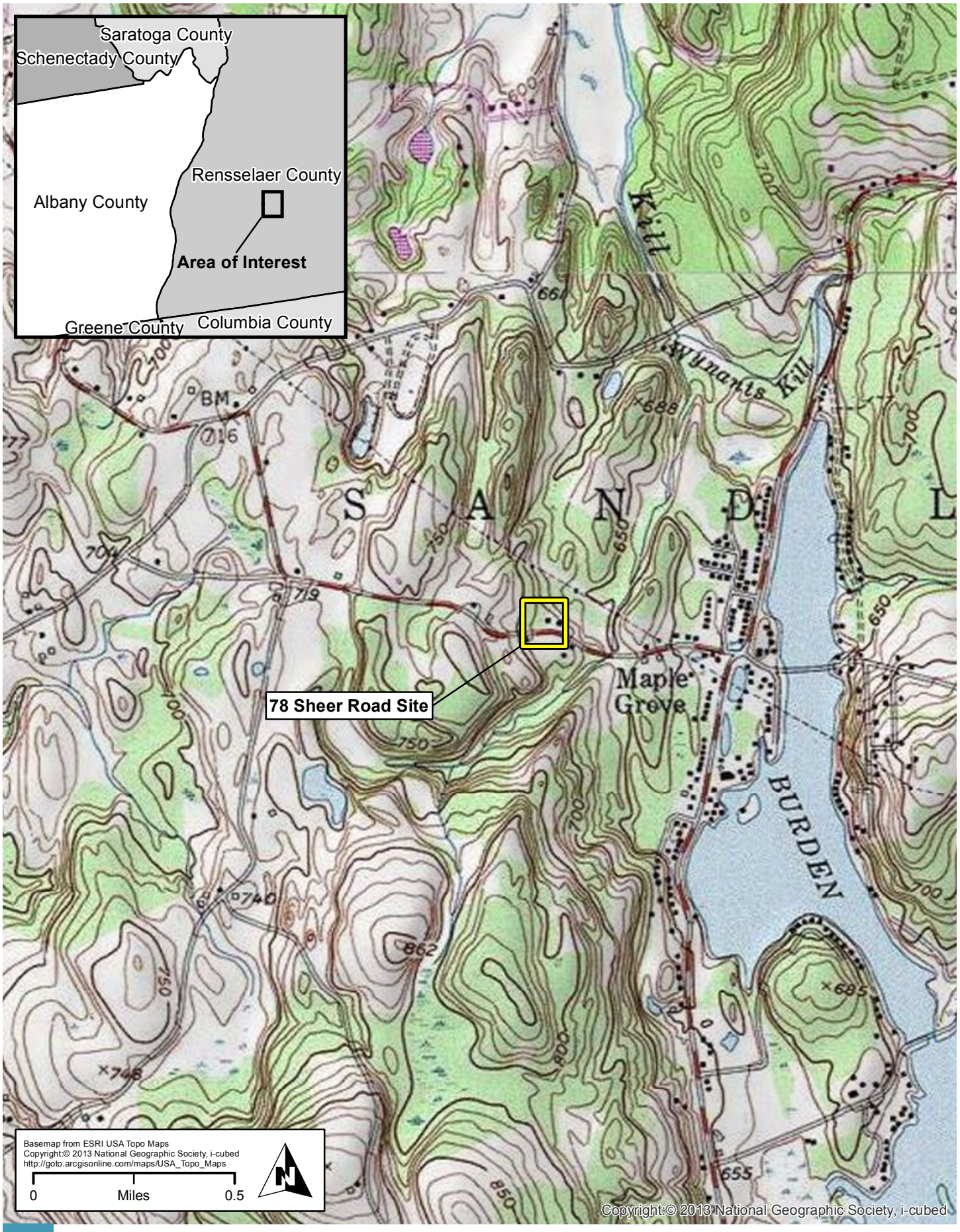
North side of Sheer Rd	Elevation (ft NAVD88)
Top of Culvert	682.58
Culvert Invert	680.71
South side of Sheer Rd	---
Top of Culvert	682.20
Culvert Invert	680.16

Notes:

NAVD88: North American Vertical Datum 1988

*: Measurement taken from top of riser

Figures



SITE LOCATION MAP

78 SHEER ROAD (NYSDEC SITE # 442055)

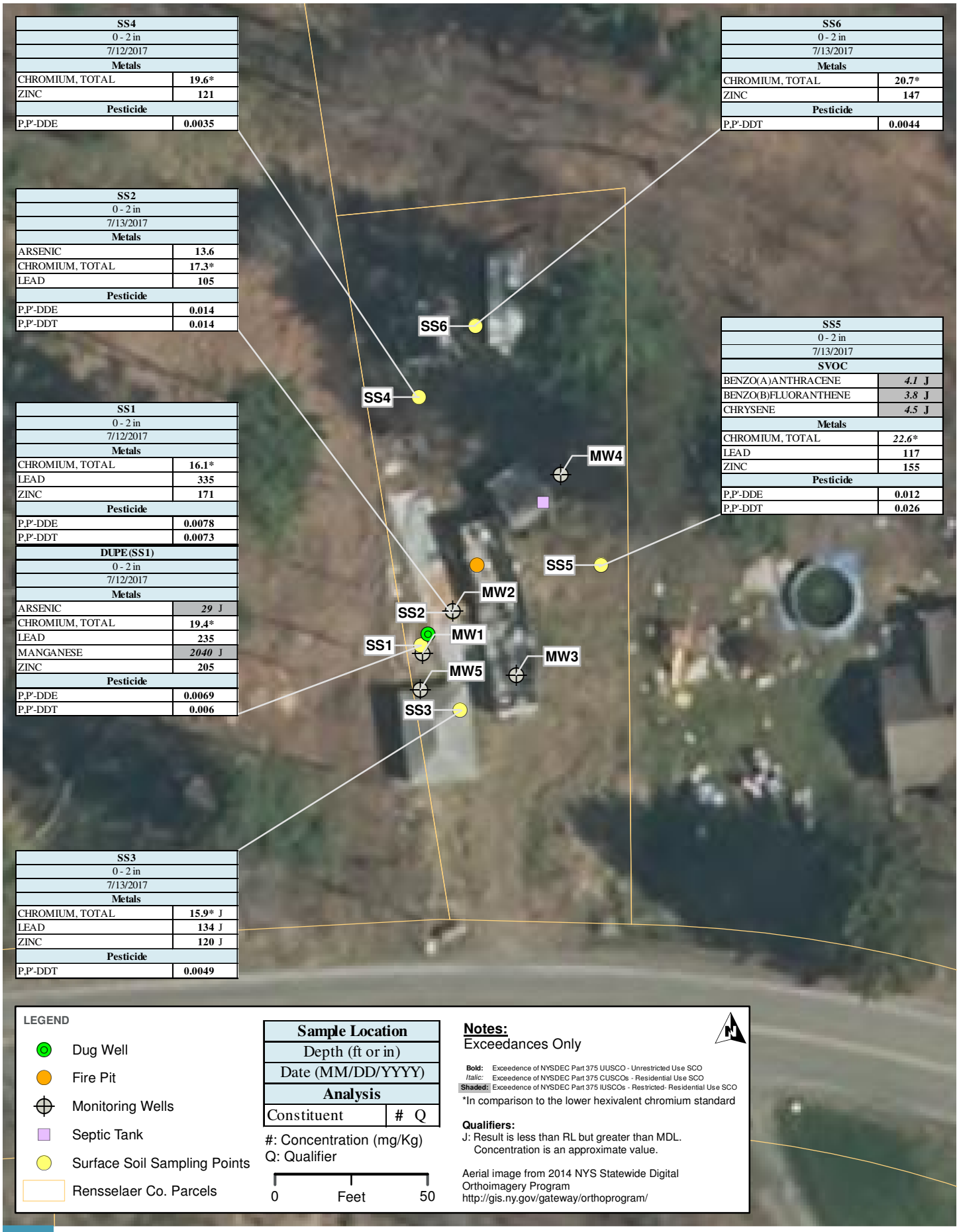
FIGURE 1

SOIL AND GROUNDWATER SAMPLING LOCATIONS

78 SHEER ROAD (NYSDEC SITE # 442055)

FIGURE 2

PATH: \\ANY-SRV1\ACTIVEPROJECTS\4492\10060033\7.0_GIS_MODELS\7.2_WORK_IN_PROGRESS\MAP_DOCS\DRAFT\FIGURE_1_SHEER_RD_WELL_INSTALLATIONS_2017830.MXD - USER: JUSTARR - DATE: 8/30/2017



SURFACE SOIL ANALYTICAL RESULTS - EXCEEDANCES ONLY

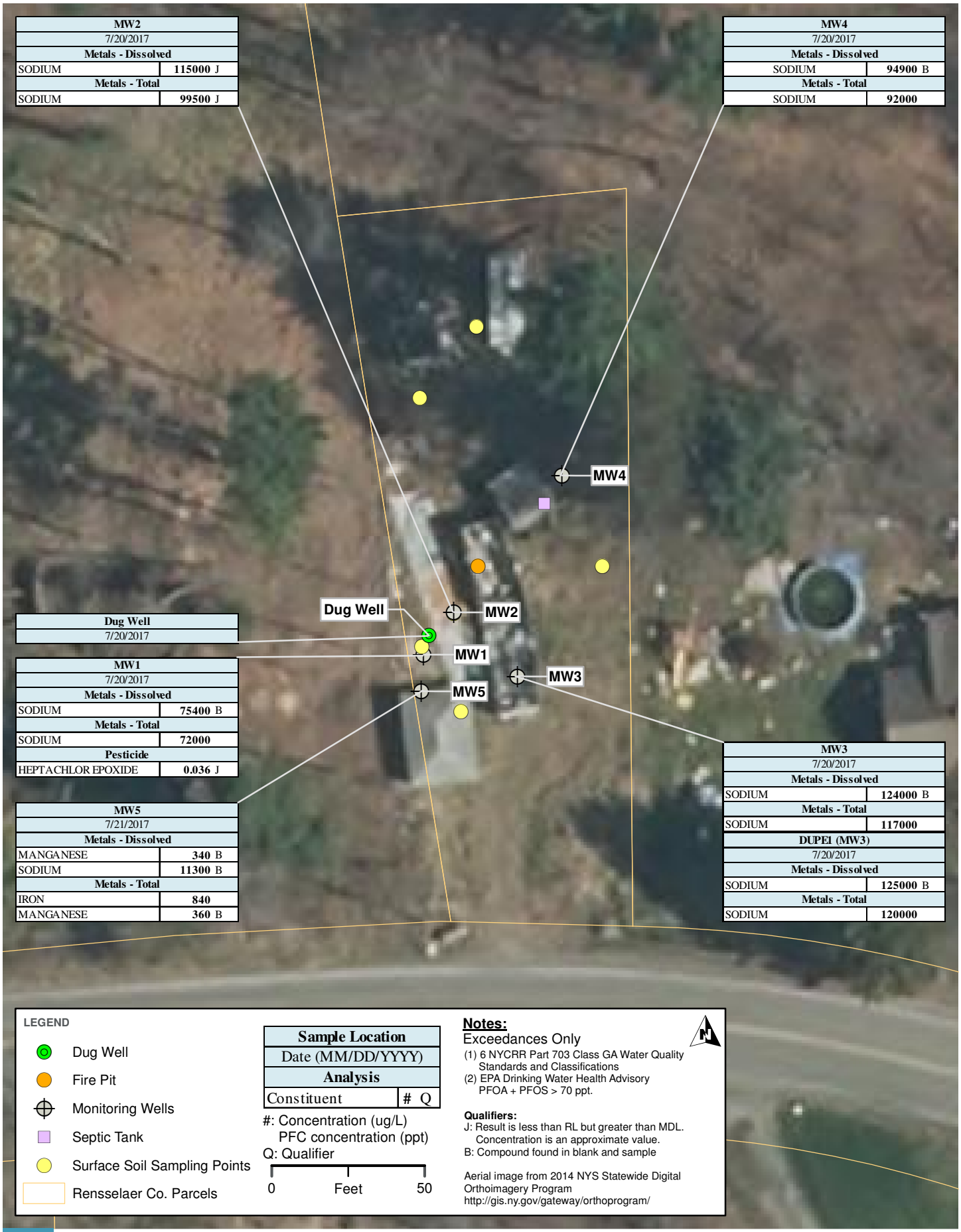
78 SHEER ROAD (NYSDEC SITE # 442055)

FIGURE 3A

SUBSURFACE SOIL ANALYTICAL RESULTS - EXCEEDANCES ONLY

78 SHEER ROAD (NYSDEC SITE # 442055)

FIGURE 3B



GROUNDWATER ANALYTICAL RESULTS - EXCEEDANCES ONLY

78 SHEER ROAD (NYSDEC SITE # 442055)

FIGURE 4

GROUNDWATER ELEVATION CONTOURS

78 SHEER ROAD (NYSDEC SITE # 442055)

FIGURE 5

PATH: \\ANY-SRV1\ACTIVEPROJECTS\4492\10060033\7.0_GIS_MODELS\7.2_WORK_IN_PROGRESS\MAP_DOCS\DRAFT\FIGURE_5_SHEER_RD_GW_CONTOUR_20170906.MXD - USER: JUSTARR - DATE: 11/8/2017

Appendix A

Boring Logs and Well Construction Logs

FIELD BORING LOG

Boring	**MW1**
SURFACE ELEV	TBD
DATUM	
SHEET	1 **OF** 1

PROJECT NAME 78 Sheer Road

SITE LOCATION 78 Sheer Rd **DATE** 12-Jul-2017 **DRILLER NAME / COMPANY** Nothnagle Drilling

MONITORING INSTRUMENTATION RAE MultiRAE **HDR FIELD INSPECTOR** JCS

Depth (ft.)	Sample No.	Sample Depth (ft)	Macrocore Sample: Recov. (ft.)	Macrocore Sample: PID	Sample Description	Remarks
0	1	0-4'	2	0	0 - 1.0 - Dry, Dr. brown - gray, silty clay with black staining. Friable 1.0 - 2.0 - Clayey VF sand/ silt. L. brown to gray Tr. F. gravel throughout	No odors Dry
4	2	4-8'	4	0	0 - 0.5 - Black, brown silty clay. 0.5 - 1.0 - Crushed red SS 1.0 - 2.0 - Silty, F. sand, clay to clayey silt 2.0 - 3.5 - Grey rock powder to crushed red SS 3.5 - 4.0 - Brown, mottled red, silty clay	*refusal @ 6ft. Shifted 1' over, and re-do boring No odors Dry
8	3	8-12'	4	0	0 - 2.9' - V. poorly sorted silty, F sand, clay with Tr. Pebbles Color varying between L. brown, red, grey with black staining 2.9' - 3.3' - Crushed L. grey rock 3.3 - 4.0' - Red, slighty green mottling, silty, friable clay with Tr. Pebbles & sand	No odors Dry
12	4	12-15'	3	0	0 - 1.4' - Dr. Brown, silty stiff clay. Tr. FM sand & pebbles. Dry to moist 1.4 - 2.0' - V. soft, silty clay (WBZ?) 2.0 - 3.0' - V. stiff, grey, clay with micaceous F sands / silt	No odors Wet
15	5	15-17'		0	No recovery due to early refusal.	
17	6	18-20'	3.0	0	0 - 3.0' - Red-brown, stiff, silty/sandy clay with Tr. Pebbles. V. poorly sorted.	No odors Moist
20					Well set at 19 feet. Screen interval @ 19' - 9 '	

NOTES:

WOR - Weight of Rods	Proportions	Blows per 1' Compaction	Pocket Pen. (Clays only)	Strata Descriptions
WOH - Weight of Hammer	And - Equal	0 - 10 - Loose	< 0.5 - Soft	F - Fill
BOH - Bottom of Hole	Sandy - 31 - 49%	11 - 29 - Med. Compact	0.5 - 1.0 - Medium	O - Organic Deposits
NS - No Split Spoon Sample	Some - 13 - 30%	30 - 50 - Compact	1.0 - 4.0 - Stiff	S - Predominantly Sand
S___ - Split Spoon Sample	Trace - 1 - 12%	> 50 - V. Compact	> 4.0 - Hard	M - Predominantly Silt
U___ - Undisturbed Sample		50/6" - Refusal		C - Predominantly Clay

FIELD BORING LOG

Boring	**MW2**
SURFACE ELEV	TBD
DATUM	
SHEET	1 **OF** 1

PROJECT NAME 78 Sheer Road

SITE LOCATION 78 Sheer Rd **DATE** 12-Jul-2017 **DRILLER NAME / COMPANY** Nothnagle Drilling

MONITORING INSTRUMENTATION RAE MultiRAE **HDR FIELD INSPECTOR** JCS

Depth (ft.)	Sample No.	Sample Depth (ft)	Macrocore Sample: Recov. (ft.)	Macrocore Sample: PID	Sample Description	Remarks
0	1	0-4'	2.3	0	0 - 0.3' - Brown, silty clay -Soil with roots 0.3 - 1.2' - Crushed rock powder 1.2 - 2.3' - Silty, F. sand, brown clay. Friable	No odors Dry
4	2	4-8'	4	0	0 - 1.2 - L. grey, rock powder. 1.2 - 2.0 - Friable, V. poorly sorted silty clay. Brown-Reddish coloring 2.0 - 4.0 - L. brown silty clay to clayey silt with F. gravel & Tr. Gravel. Clay content increases with depth	No odors Dry
8	3	8-12'	4	0	0 - 0.8' - Well compacted clay. Poorly sorted with pebbles 0.8 - 1.2 - L grey crushed rock 1.2 - 4.0 - Sequence of poorly sorted silty clays with Brown and red/green mottling color @ 2.0' - Orange, VF sand lense	No odors Moist
12	4	12-15'	4	0	*high degree of core expansion / sloughing 0 - 1.9' - VF sands + silt. L grey, transition to increasing clay content for 1.2 - 1.6, then return to VF sands + silt for last 0.3' 1.9 -2.9' - L. brown with red/green mottlinging. Silty, VF sandy clay 2.9 - 4.0- Tan, F. Sand/Silty Clay w. crushed rock zone @ 3.1 -3.5	No odors Moist
15	5	15-18'	4	0.1	*high degree of core expansion / sloughing 0 - 1.9' - Poorly sorted mix of silt, F. gravel, sand. L. brown with red mottling 1.9 - 2.3 - Band of rounded pebbles 2.3 - 4.0 - Poorly sorted mix of silt, F. gravel, sand. L. brown with red mottling	No odors Wet
18	6	18-20'	4	0.1	*high degree of core expansion / sloughing 0 - 2.3 - same as prev. 2.3 - 2.6 - Greenish, crushed rock to brown/red sandy clay 2.6 - 4.0 - same as prev. with transition to muddy sandy silt. Well set at 19 feet. Screen interval @ 19' - 9 '	No odors Moist
20						

NOTES:

WOR - Weight of Rods	Proportions	Blows per 1' Compaction	Pocket Pen. (Clays only)	Strata Descriptions
WOH - Weight of Hammer	And - Equal	0 - 10 - Loose	< 0.5 - Soft	F - Fill
BOH - Bottom of Hole	Sandy - 31 - 49%	11 - 29 - Med. Compact	0.5 - 1.0 - Medium	O - Organic Deposits
NS - No Split Spoon Sample	Some - 13 - 30%	30 - 50 - Compact	1.0 - 4.0 - Stiff	S - Predominantly Sand
S___ - Split Spoon Sample	Trace - 1 - 12%	> 50 - V. Compact	> 4.0 - Hard	M - Predominantly Silt
U___ - Undisturbed Sample		50/6" - Refusal		C - Predominantly Clay

FIELD BORING LOG

Boring	**MW3**
SURFACE ELEV	TBD
DATUM	
SHEET	1 **OF** 1

PROJECT NAME 78 Sheer Road

SITE LOCATION 78 Sheer Rd **DATE** 13-Jul-2017 **DRILLER NAME / COMPANY** Nothnagle Drilling

MONITORING INSTRUMENTATION RAE MultiRAE **HDR FIELD INSPECTOR** JCS

Depth (ft.)	Sample No.	Sample Depth (ft)	Macrocore Sample: Recov. (ft.)	Macrocore Sample: PID	Sample Description	Remarks
0	1	0-4'	2.9		0 - 0.8' - Gravelly brown, silty soil 0.8 - 2.9' - L. brown, F. sandy, silty clay with reddish hue.	No odor Dry
4	2	4-8'	4		0 - 1.5' - F. sandy, brown mottled clay w/ gravel @ 0.9', and 0.9 - 1.2' 1.5 - 2.0' - Tan, F. sands & brown silty clay 2.0 - 4.0' - F. sandy, silty, F. pebble mix. Distincly more red.	Rig repositioned after refusal @4' No odor Dry
8	3	8-11'	2.9		0 - 2.9 - Sam brown/red hue, sandy silty friable clay Crushed rock @ 0.5 - 0.7', 0.9 - 1.3'.	No odors Dry
11	4	11-14'	4		0 - 4.0' - Same brown/red hue, sandy silty clay with grey F. sand lenses	No odors Moist
14	5	14-17'	4		*high degree of core expansion / sloughing 0 - 4.0' - Sandy/silty clay. V. poorly sorted. Dark brown with grey sandy lenses. @ 2.5' - notable red coloring @3.0 - 4.0' - Very gravelly sands. Not much clay. WBZ.	No odors Wet
17	6	17-20'	2.8		0 - 2.0' - Soft, gravelly/sandy clay. WBZ. 2.0 - 3.0' - Stiff, silty clays. Dk. Brown with reddish hue.	No odors Wet
20					Well set at 19 feet. Screen interval @ 19' - 9 '	

NOTES:

WOR - Weight of Rods
WOH - Weight of Hammer
BOH - Bottom of Hole
NS - No Split Spoon Sample
S___ - Split Spoon Sample
U___ - Undisturbed Sample

Proportions
And - Equal
Sandy - 31 - 49%
Some - 13 - 30%
Trace - 1 - 12%

Blows per 1' Compaction
0 - 10 - Loose
11 - 29 - Med. Compact
30 - 50 - Compact
> 50 - V. Compact
50/6" - Refusal

Pocket Pen. (Clays only)
< 0.5 - Soft
0.5 - 1.0 - Medium
1.0 - 4.0 - Stiff
> 4.0 - Hard

Strata Descriptions
F - Fill
O - Organic Deposits
S - Predominantly Sand
M - Predominantly Silt
C - Predominantly Clay

FIELD BORING LOG

Boring	**MW4**
SURFACE ELEV	TBD
DATUM	
SHEET	1 **OF** 1

PROJECT NAME 78 Sheer Road

SITE LOCATION 78 Sheer Rd **DATE** 13-Jul-2017 **DRILLER NAME / COMPANY** Nothnagle Drilling

MONITORING INSTRUMENTATION RAE MultiRAE **HDR FIELD INSPECTOR** JCS

Depth (ft.)	Sample No.	Sample Depth (ft)	Macrocore Sample: Recov. (ft.)	Macrocore Sample: PID	Sample Description	Remarks
0	1	0-4'	2.6	0	0 - 0.9 - Gravelly soil to dry, friable, L. brown, mottled orange silty clay 0.9 - 2.4 - FM sands, crushed pebbles, silty clay mix 2.4 - 2.6 - FM tan sands - well sorted	Slight odor Dry
4	2	4-8'	4	0.4	0 - 1.3' - Same FM sands. Transition to silty clay mixture with color intermingling of Dk. Brown/red/tan 1.3 - 4.0 - Same as prev. with increasinging clay content with depth	No odors Moist @ 8'
8	3	8-11'	3.4	0.2	0 - 1.0 - Silty/F. sands with clay 1.0 - 2.2 - Friable, F. sand clayey silt to slilty clay. L. brown to Tan @2 .3; - crushed gravel 2.3 - 3.4 - Friable, F. sand clayey silt to slilty clay. L. brown to Tan	No odors Moist
11	4	11-14'	4	0	*high degree of core expansion / sloughing 0 - 1.1 - Same as prev. 1.1 - 2.3 - Poorly sorted silty, F. sandy clay. Higher clay content than prev. Tan. 2.3 - 4.0 - Same as prev. w/ Tr. Pebbles	No odors Moist
14	5	14-17'	4	0	*high degree of core expansion / sloughing 0 - 3.0 - Silty/ F. sands. L. brown clay. Some Grey F. sand lenses & slight orange mottling 3.0 - 4.0 - Considerably more moist. L. brown to tan, silty, F. sandy clay	No odors Moist
17	6	17-20'	3	0	0 - 1.0' - Soft, brown, silty clay. Very wet (WBZ). 1.0 - 3.0' - Moist, stiff, silty clay. L. brown/red mottlinging. Tr. Sand + pebbles.	No odors Wet
20					Well set at 19 feet. Screen interval @ 19' - 9 '	

NOTES:

WOR - Weight of Rods
WOH - Weight of Hammer
BOH - Bottom of Hole
NS - No Split Spoon Sample
S___ - Split Spoon Sample
U___ - Undisturbed Sample

Proportions
And - Equal
Sandy - 31 - 49%
Some - 13 - 30%
Trace - 1 - 12%

Blows per 1' Compaction
0 - 10 - Loose
11 - 29 - Med. Compact
30 - 50 - Compact
> 50 - V. Compact
50/6" - Refusal

Pocket Pen. (Clays only)
< 0.5 - Soft
0.5 - 1.0 - Medium
1.0 - 4.0 - Stiff
> 4.0 - Hard

Strata Descriptions
F - Fill
O - Organic Deposits
S - Predominantly Sand
M - Predominantly Silt
C - Predominantly Clay

FIELD BORING LOG

Boring	**MW5**
SURFACE ELEV	TBD
DATUM	
SHEET	1 **OF** 1

PROJECT NAME 78 Sheer Road

SITE LOCATION 78 Sheer Rd **DATE** 12-Jul-2017 **DRILLER NAME / COMPANY** Nothnagle Drilling

MONITORING INSTRUMENTATION RAE MultiRAE **HDR FIELD INSPECTOR** JCS

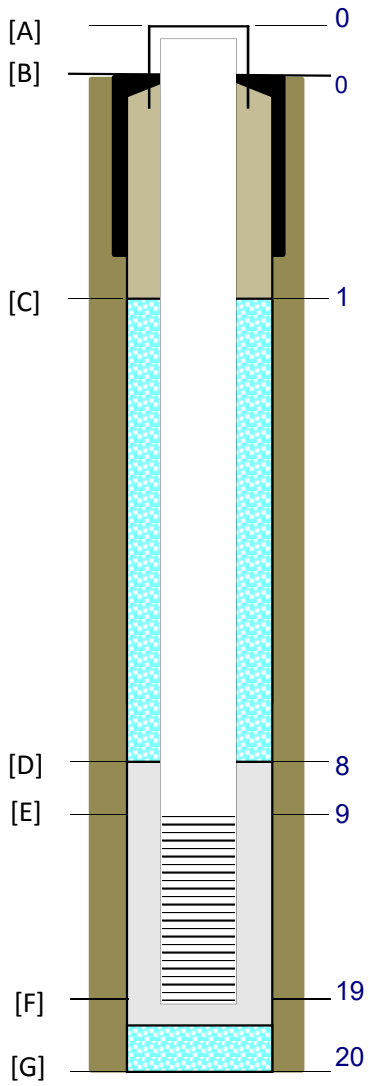
Depth (ft.)	Sample No.	Sample Depth (ft)	Macrocore Sample: Recov. (ft.)	Macrocore Sample: PID	Sample Description	Remarks
0	1	0-4'	2.3	0	0 - 0.6 - Dry, crumbly soil with roots & F. gravel 0.6 - 2.0 - L. Brown, silty, friable clay to clayey silt 2.0 - 2.3 - Same as prev. with increased red mottling & Tr. F. gravel	No odors Dry
4	2	4-8'	4	0.1	0 - 1.8 - Poorly sorted FM sands, silt, clay, gravel 1.8 - 3.0 - Crusehd rock- gravel 3.0 - 4.0 - Poorly sorted FM sands, silt, clay, gravel Reddish brown to L. Brown	No odors Dry
8	3	8-12'	4	0	0 - 0.5' - Stiff, mottled L. brown to black silty clay 0.5 - 4.0' - Dry, crumbly silty clay. L. Brown to Black. Interbedded Tr. Gravel - crushed	No odors Dry to Moist
12	4	12-16'	4	0	0 - 0.7 - Red to brown, mottled, poorly sorted, stiff silty clay. Tr. F. pebbles 0.7 - 4.0 - Red, motled L. Brown silty clay. F. pebbles & black staining. Interbedded Tr. Gravel - crushed	No odors Wet
16	5	16-18'	3	0	0 - 1.0 - L. brown, silty, moist clay. Tr. F. pebbles 1.0 - 2.2 - Same as prev. w/ increasing orange mottlinging and grey lenses of silty clay 2.2 - 3.0 - Crushed red SS @ 2.2', to red/green VF sand/silty clay.	No odors Moist
18	6	18-20'	4.0	0.1	*High level of core expansion / sloughing into borehole 0 - 1.9' - Moist, silty clay with noticable VF sandy lenses and crushed pebbles 1.9' - 2.6' - Crushed rock @ 1.9', then 2.0 - 2.6 SAB 2.6 - 4.0 - Crushed SS, streaking over silty brown, poorly sorted clay Well set at 19 feet. Screen interval @ 19' - 9 '	No odors Moist
20						

NOTES:

WOR - Weight of Rods	Proportions	Blows per 1' Compaction	Pocket Pen. (Clays only)	Strata Descriptions
WOH - Weight of Hammer	And - Equal	0 - 10 - Loose	< 0.5 - Soft	F - Fill
BOH - Bottom of Hole	Sandy - 31 - 49%	11 - 29 - Med. Compact	0.5 - 1.0 - Medium	O - Organic Deposits
NS - No Split Spoon Sample	Some - 13 - 30%	30 - 50 - Compact	1.0 - 4.0 - Stiff	S - Predominantly Sand
S___ - Split Spoon Sample	Trace - 1 - 12%	> 50 - V. Compact	> 4.0 - Hard	M - Predominantly Silt
U___ - Undisturbed Sample		50/6" - Refusal		C - Predominantly Clay

MONITORING WELL COMPLETION LOG

PROJECT NUMBER:	10060033
PROJECT NAME:	78 Sheer Road
WELL No.:	MW1
CLIENT:	NYSDEC
LOCATION:	Sand Lake, NY
DATE DRILLED:	12-Jul-17
DATE DEVELOPED:	14-Jul-17
CONSTRUCTION COMPLETED:	12-Jul-17
DEVELOPING METHOD:	Tubing + Foot Valve



NOT TO SCALE

INSPECTOR: J. Starr

DRILLING CONTRACTOR: Nothnagle
TYPE OF WELL: Overburden
STATIC WATER LEVEL: DATE:
MEASURING POINT: Grade
TOTAL DEPTH OF WELL: 19' TOTAL DEPTH OF BORING: 20'

DRILLING METHOD

TYPE: GeoProbe
DIAMETER: 2.25" CASING:

SAMPLING METHOD

TYPE: Macrocore
DIAMETER: WEIGHT:
FALL: INTERVAL: 4'

RISER PIPE LEFT IN PLACE

MATERIAL: PVC Pre-Pack
DIAMETER: 1" LENGTH: 9 JOINT TYPE: Flush Thread

SCREEN

MATERIAL: PVC Pre-Pack
INTERVAL: 19' - 9' DIAMETER: 1 Inch
STRATIGRAPHIC UNITS SCREENED: SLOT SIZE: 0.010

FILTER PACK

GRADE:
SAND: GRAVEL: NATURAL:
AMOUNT: INTERVAL: 19' - 8'

SEAL(s)

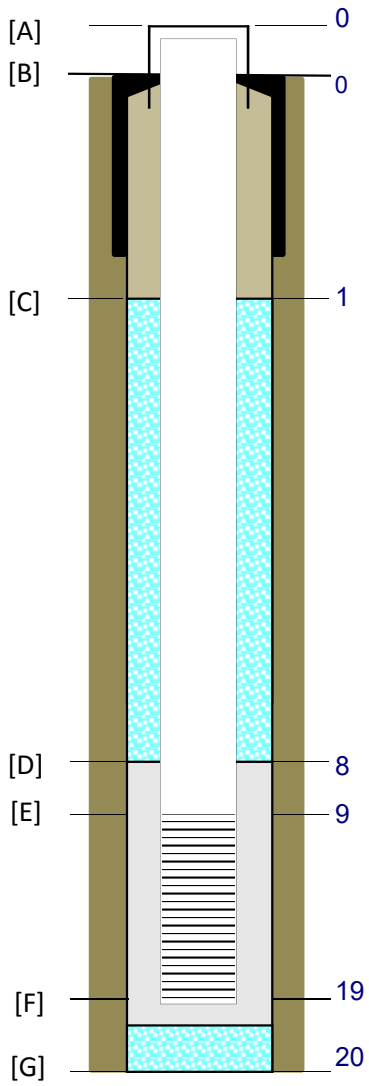
KEY:
- A - Top of Casing
- B - Grade
- C - Top of Seal
- D - Top of Sand Pack
- E - Top of Screen
- F - Bottom of Screen
- G - Bottom of Borehole

Portland Cement	INTERVAL:		AMOUNT:
Bentonite Slurry	INTERVAL:		AMOUNT:
Bentonite Pellets	INTERVAL:	8' - 1'	AMOUNT:
Other:	INTERVAL:		AMOUNT:

LOCKING CASING: ☐ YES ■ NO KEY NO:

MONITORING WELL COMPLETION LOG

PROJECT NUMBER:	10060033
PROJECT NAME:	78 Sheer Road
WELL No.:	MW2
CLIENT:	NYSDEC
LOCATION:	Sand Lake, NY
DATE DRILLED:	12-Jul-17
DATE DEVELOPED:	13-Jul-17
CONSTRUCTION COMPLETED:	12-Jul-17
DEVELOPING METHOD:	Tubing + Foot Valve



NOT TO SCALE

INSPECTOR: J. Starr

DRILLING CONTRACTOR: Nothnagle
TYPE OF WELL: Overburden
STATIC WATER LEVEL: DATE:
MEASURING POINT: Grade
TOTAL DEPTH OF WELL: 19' TOTAL DEPTH OF BORING: 20'

DRILLING METHOD

TYPE: GeoProbe
DIAMETER: 2.25" CASING:

SAMPLING METHOD

TYPE: Macrocore
DIAMETER: WEIGHT:
FALL: INTERVAL: 4'

RISER PIPE LEFT IN PLACE

MATERIAL: PVC Pre-Pack
DIAMETER: 1" LENGTH: 9 JOINT TYPE: Flush Thread

SCREEN

MATERIAL: PVC Pre-Pack
INTERVAL: 19' - 9' DIAMETER: 1 Inch
STRATIGRAPHIC UNITS SCREENED: SLOT SIZE: 0.010

FILTER PACK

GRADE:
SAND: GRAVEL: NATURAL:
AMOUNT: INTERVAL: 19' - 8'

SEAL(s)

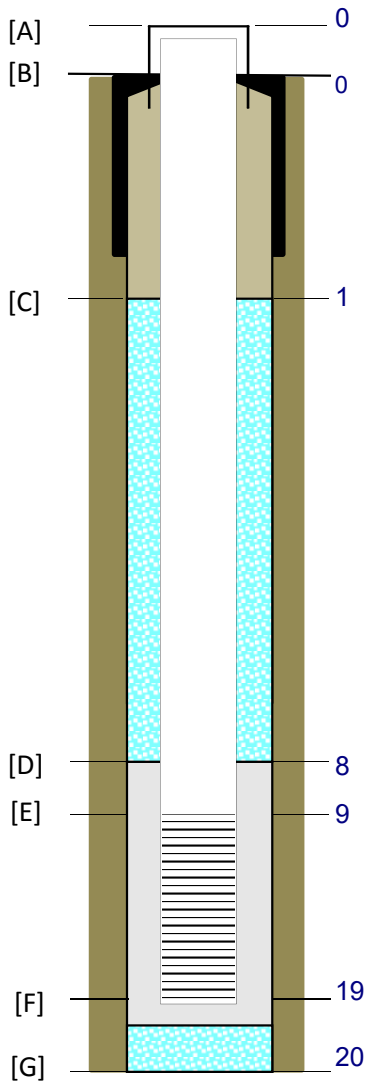
KEY:
- A - Top of Casing
- B - Grade
- C - Top of Seal
- D - Top of Sand Pack
- E - Top of Screen
- F - Bottom of Screen
- G - Bottom of Borehole

Portland Cement	INTERVAL:		AMOUNT:
Bentonite Slurry	INTERVAL:		AMOUNT:
Bentonite Pellets	INTERVAL:	8' - 1'	AMOUNT:
Other:	INTERVAL:		AMOUNT:

LOCKING CASING: ☐ YES ■ NO KEY NO:

MONITORING WELL COMPLETION LOG

PROJECT NUMBER:	10060033
PROJECT NAME:	78 Sheer Road
WELL No.:	MW3
CLIENT:	NYSDEC
LOCATION:	Sand Lake, NY
DATE DRILLED:	13-Jul-17
DATE DEVELOPED:	13-Jul-17
CONSTRUCTION COMPLETED:	13-Jul-17
DEVELOPING METHOD:	Tubing + Foot Valve



NOT TO SCALE

KEY:
- A - Top of Casing
- B - Grade
- C - Top of Seal
- D - Top of Sand Pack
- E - Top of Screen
- F - Bottom of Screen
- G - Bottom of Borehole

INSPECTOR: J. Starr

DRILLING CONTRACTOR: Nothnagle
TYPE OF WELL: Overburden
STATIC WATER LEVEL: DATE:
MEASURING POINT: Grade
TOTAL DEPTH OF WELL: 19' TOTAL DEPTH OF BORING: 20'

DRILLING METHOD
TYPE: GeoProbe
DIAMETER: 2.25" CASING:

SAMPLING METHOD
TYPE: Macrocore
DIAMETER: WEIGHT:
FALL: INTERVAL: 4'

RISER PIPE LEFT IN PLACE
MATERIAL: PVC Pre-Pack
DIAMETER: 1" LENGTH: 9 JOINT TYPE: Flush Thread

SCREEN
MATERIAL: PVC Pre-Pack
INTERVAL: 19' - 9' DIAMETER: 1 Inch
STRATIGRAPHIC UNITS SCREENED: SLOT SIZE: 0.010

FILTER PACK
GRADE:
SAND: GRAVEL: NATURAL:
AMOUNT: INTERVAL: 19' - 8'

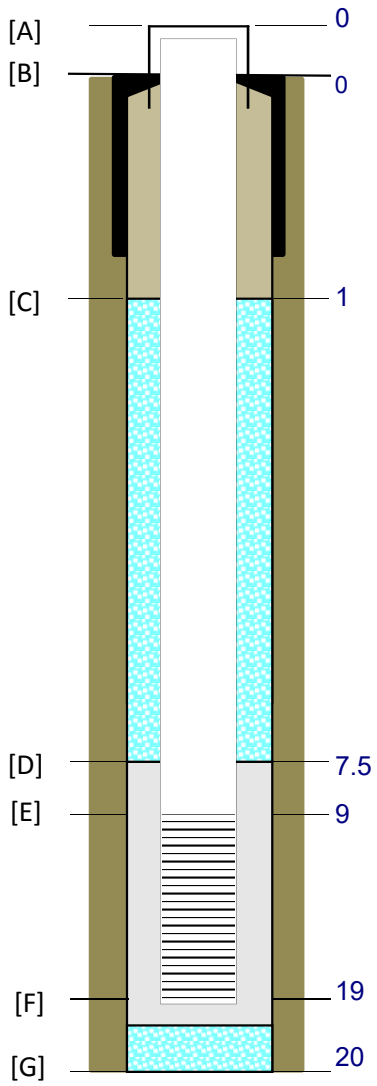
SEAL(s)

Portland Cement	INTERVAL:		AMOUNT:
Bentonite Slurry	INTERVAL:		AMOUNT:
Bentonite Pellets	INTERVAL:	8' - 1'	AMOUNT:
Other:	INTERVAL:		AMOUNT:

LOCKING CASING: ☐ YES ■ NO KEY NO:

MONITORING WELL COMPLETION LOG

PROJECT NUMBER:	10060033
PROJECT NAME:	78 Sheer Road
WELL No.:	MW4
CLIENT:	NYSDEC
LOCATION:	Sand Lake, NY
DATE DRILLED:	13-Jul-17
DATE DEVELOPED:	13-Jul-17
CONSTRUCTION COMPLETED:	13-Jul-17
DEVELOPING METHOD:	Tubing + Foot Valve



NOT TO SCALE

INSPECTOR: J. Starr

DRILLING CONTRACTOR: Nothnagle
TYPE OF WELL: Overburden
STATIC WATER LEVEL: DATE:
MEASURING POINT: Grade
TOTAL DEPTH OF WELL: 19' TOTAL DEPTH OF BORING: 20'

DRILLING METHOD TYPE: GeoProbe
DIAMETER: 2.25" CASING:

SAMPLING METHOD TYPE: Macrocore
DIAMETER: WEIGHT:
FALL: INTERVAL: 4'

RISER PIPE LEFT IN PLACE MATERIAL: PVC Pre-Pack
DIAMETER: 1" LENGTH: 9 JOINT TYPE: Flush Thread

SCREEN MATERIAL: PVC Pre-Pack
INTERVAL: 19' - 9' DIAMETER: 1 Inch
STRATIGRAPHIC UNITS SCREENED: SLOT SIZE: 0.010

FILTER PACK GRADE:
SAND: GRAVEL: NATURAL:
AMOUNT: INTERVAL: 19' - 7.5'

SEAL(s)

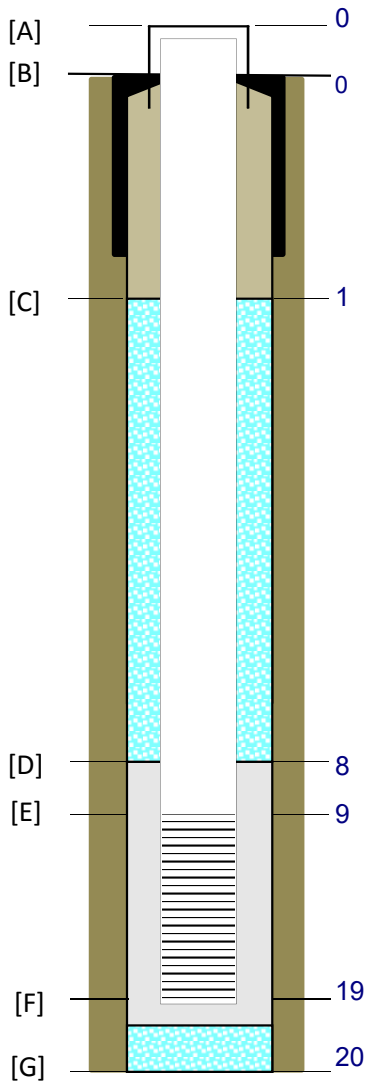
Portland Cement	INTERVAL:		AMOUNT:	
Bentonite Slurry	INTERVAL:		AMOUNT:	
Bentonite Pellets	INTERVAL:	8' - 1'	AMOUNT:	
Other:	INTERVAL:		AMOUNT:	

LOCKING CASING: ☐ YES ■ NO KEY NO:

KEY:
- A - Top of Casing
- B - Grade
- C - Top of Seal
- D - Top of Sand Pack
- E - Top of Screen
- F - Bottom of Screen
- G - Bottom of Borehole

MONITORING WELL COMPLETION LOG

PROJECT NUMBER:	10060033
PROJECT NAME:	78 Sheer Road
WELL No.:	MW5
CLIENT:	NYSDEC
LOCATION:	Sand Lake, NY
DATE DRILLED:	12-Jul-17
DATE DEVELOPED:	14-Jul-17
CONSTRUCTION COMPLETED:	12-Jul-17
DEVELOPING METHOD:	Tubing + Foot Valve



NOT TO SCALE

INSPECTOR: J. Starr

DRILLING CONTRACTOR: Nothnagle
TYPE OF WELL: Overburden
STATIC WATER LEVEL: DATE:
MEASURING POINT: Grade
TOTAL DEPTH OF WELL: 19' TOTAL DEPTH OF BORING: 20'

DRILLING METHOD

TYPE: GeoProbe
DIAMETER: 2.25" CASING:

SAMPLING METHOD

TYPE: Macrocore
DIAMETER: WEIGHT:
FALL: INTERVAL: 4'

RISER PIPE LEFT IN PLACE

MATERIAL: PVC Pre-Pack
DIAMETER: 1" LENGTH: 9 JOINT TYPE: Flush Thread

SCREEN

MATERIAL: PVC Pre-Pack
INTERVAL: 19' - 9' DIAMETER: 1 Inch
STRATIGRAPHIC UNITS SCREENED: SLOT SIZE: 0.010

FILTER PACK

GRADE:
SAND: GRAVEL: NATURAL:
AMOUNT: INTERVAL: 19' - 8'

SEAL(s)

KEY:
- A - Top of Casing
- B - Grade
- C - Top of Seal
- D - Top of Sand Pack
- E - Top of Screen
- F - Bottom of Screen
- G - Bottom of Borehole

Portland Cement	INTERVAL:		AMOUNT:
Bentonite Slurry	INTERVAL:		AMOUNT:
Bentonite Pellets	INTERVAL:	8' - 1'	AMOUNT:
Other:	INTERVAL:		AMOUNT:

LOCKING CASING: ☐ YES ■ NO KEY NO:

Appendix B

Groundwater Sampling Logs

Turbidity 10% or DO +/- 0.5mL
Cond 3%
Temp 3%
PH 0.1
ORP +/-10

Well Sampling Log

Well ID No. MW-1

Well Casing Type	1" PVC	Start SWL	
Well Depth	19	Water Column Ht.	
Screened Interval	19 - 9	Well Volume (gallons)	
Well Elevation		SWL During Sampling	
Ground Elevation		Sample Time	1035
Well Condition	New	Sample Method	Low-Flow
Weather Conditions		Sample Analysis	

Project	78 Sheer Rd Site Characterization
Date	7/20/2017
Crew	JCS/BAF
Purge Method	Low-Flow
Meters Used	YSI Pro DSS
PID Headspace	

Time	Est. Gal Purged	Purge Rate (L/min)	pH	Cond. (mS/cm)	Turbidity (NTU)	D.O. (mg/L)	Temp (C)	Salinity (PPT)	TDS (ppm)	ORP (mV)	Depth to Water	Comments
811	0	1.6	6.95	0.555	444	3.51	12.9			-221.5		
827	0.5		6.09	0.551	177.4	2.69	11.7			-153.5		
836	1		6.05	0.595	219.1	2.53	11.9			-161.5		
844	1.75	1.6	6.04	0.600	345.8	2.40	12.2			-161.6		
855	2.25		5.97	0.629	307.	2.35	12.1			-141.0		
908	2.5		5.93	0.684	452	2.10	15.5			-103.7		(Sunlight on flow thru cell.)
918	3		5.87	0.812	289.4	1.90	14.4			-66.6		
928	3.5		5.91	0.744	[illegible]	2.02	13.9			-78.4		
938	3.75		5.91	0.696	102.3	2.25	13.7			-57.3		
948	4	0.1	5.90	0.717	103.4	2.18	14.5			-50.2		
958	4.1	0.1	5.9	0.720	92.9	2.23	14.7			-42.8		
1008	4.25	0.1	5.9	0.715	77.3	2.23	14.3			-33.5		
1018	~4.35		5.9	0.713	52.7	2.20	14.5			-34.6		
												SWL: 13.22 TOR

cond.
0.583
0.576
0.569
0.570

Comments:
OR = Out of Range.

Notes: Volume is measured in Gallons. Depth to Water measured from Top of Casing, unless otherwise noted.

Well Sampling Log

Well ID No. MW2

Well Casing Type	1" PVC	Start SWL		Project	78 Sheer Rd Site Characterization
Well Depth	19	Water Column Ht.		Date	7/20/2017
Screened Interval	19 - 9	Well Volume (gallons)		Crew	JCS/BAF
Well Elevation		SWL During Sampling		Purge Method	Low-Flow
Ground Elevation		Sample Time		Meters Used	YSI Pro DSS
Well Condition	New	Sample Method	Low-Flow	PID Headspace	
Weather Conditions		Sample Analysis			

±0.1 3% 10% 10% 3% ±10

Time	Est. Gal Purged	Purge Rate (L/min)	pH	Cond. (mS/cm)	Turbidity (NTU)	D.O. (mg/L)	Temp (C)	Salinity (PPT)	TDS (ppm)	ORP (mV)	Depth to Water	Comments
1125	-		6.55	0.754	2272	2.00	14.6	-	-	-237.6	-	
1135	0.5	0.2	5.85	0.679	102.8	1.17	12.4	-	-	-86	-	
1145	1.0	0.2	5.89	0.673	65.2	1.14	12.4	-	-	-55	-	
1155	2.0	0.2	5.89	0.669	50.1	1.12	12.4	-	-	-47	-	
1205	2.5	0.2	5.88	0.663	61.8	1.13	12.3	-	-	-15	-	
1215	3.0	0.2	5.89	0.680	70.1	1.10	13.3	-	-	-17	-	
1225	3.5	0.2	5.88	0.689	24.6	1.11	13.6	-	-	26.8	-	
1235	4.0	0.2	5.87	0.724	58.6	1.10	15.7	-	-	59.4	-	
1245	4.25	0.15	5.90	0.764	181	1.07	18.0	-	-	-6.0	-	
1255	4.40	0.1	5.9	0.754	170.2	1.08	17.2	-	-	30.4	-	Rate slowing
1305			5.89	0.742	52.9	1.07	16.7	-	-	53.2	-	
												RAN DRY @ 13:10 (~4.5 GAL)
												SAMPLED (2)
												SWL post-sample 10.9'

Comments:
OR = Out of Range.

Notes: Volume is measured in Gallons. Depth to Water measured from Top of Casing, unless otherwise noted.

Well Sampling Log

Well ID No. MW3

Well Casing Type	1" PVC	Start SWL		Project	78 Sheer Rd Site Characterization
Well Depth	19	Water Column Ht.		Date	7/20/2017
Screened Interval	19 - 9	Well Volume (gallons)		Crew	JCS/BAF
Well Elevation		SWL During Sampling		Purge Method	Low-Flow
Ground Elevation		Sample Time		Meters Used	YSI Pro DSS
Well Condition	New	Sample Method	Low-Flow	PID Headspace	
Weather Conditions		Sample Analysis			

Time	Est. Gal Purged	Purge Rate (L/min)	pH	Cond. (mS/cm)	Turbidity (NTU)	D.O. (mg/L)	Temp (C)	Salinity (PPT)	TDS (ppm)	ORP (mV)	Depth to Water	Comments
1126	0		6.51	1.136	253	1.56	14			-355		
1136	0.5	250mL	6.07	1.131	57.3	6.3	13.1			-313		
1146	1		6.07	1.138	206	0.57	13.1			-308		
1156	1.5		6.06	1.136	404	0.56	13.3			-295		
1206	2		6.05	1.125	100.2	0.56	13.1			-287.2		
1216	3		6.05	1.121	126	0.58	12.9			-267.8		
1230	4		6.05	1.110	77.7	0.61	13.4			-264.8		
1240	4.5		6.04	1.107	71.6	0.63	13.6			-260.7		
1250	5		6.04	1.104	70	0.66	13.7			-255.2		
1300	5.5		6.05	1.099	69.7	0.67	13.5			-251.1		1300 Sample time
												SWL = 10.3'

Comments:
OR = Out of Range.

Notes: Volume is measured in Gallons. Depth to Water measured from Top of Casing, unless otherwise noted.

Well Sampling Log

Well ID No. MW 4

Well Casing Type	1" PVC	Start SWL	
Well Depth	19	Water Column Ht.	
Screened Interval	19 - 9	Well Volume (gallons)	
Well Elevation		SWL During Sampling	
Ground Elevation		Sample Time	
Well Condition	New	Sample Method	Low-Flow
Weather Conditions		Sample Analysis	

Project	78 Sheer Rd Site Characterization
Date	7/20/2017
Crew	JCS/BAF
Purge Method	Low-Flow
Meters Used	YSI Pro DSS
PID Headspace	

Time	Est. Gal Purged	Purge Rate (L/min)	pH	Cond. (mS/cm)	Turbidity (NTU)	D.O. (mg/L)	Temp (C)	Salinity (PPT)	TDS (ppm)	ORP (mV)	Depth to Water	Comments
1430	-	-	6.72	0.633	78.6	2.34	14.9	-	-	-350	-	
1440	1	0.2	6.05	0.600	1.1	0.54	13.1	-	-	-327	-	
1450	1.5	0.15	5.98	0.619	1.5	0.49	14.0	-	-	-267	-	
1500	2	0.18	5.97	0.608	2.5	0.24	13.7	-	-	-257	-	
1510	2.4	0.15	5.96	0.601	1.3	0.71	13.8	-	-	-206	-	
1520	2.7	~0.2	5.97	0.625	4.5	1.03	15.5	-	-	-186	-	Lots of bubbles now
1530	3.0		5.98	0.602	1.6	0.76	13.7	-	-	-202	-	
1540	3.5	0.2	5.98	0.596	1.3	0.76	13.5	-	-	-188	-	
1550	4.0	0.15	5.95	0.644	4.1	0.66	16.4	-	-	-180	-	
1600	4.25	0.1	5.97	0.629	5.3	0.91	14.8	-	-	-190.6	-	Cycled power as flow had fallen
1610	4.5	0.1	5.97	0.624	1.8	1.59	15.4	-	-	-117.8	-	
1620	4.75	0.1	5.97	0.628	2.7	1.26	15.6	-	-	-140	-	
1630	4.9	0.1	5.97	0.626	1.6	1.36	15.5	-	-	-131	-	
												7/20 1645
												Sampling
												Post- SWL 11.3

Comments:
OR = Out of Range.

Notes: Volume is measured in Gallons. Depth to Water measured from Top of Casing, unless otherwise noted.

- 0.1

S18

Well Sampling Log

Well ID No. MW5

Well Casing Type	1" PVC	Start SWL	
Well Depth	19	Water Column Ht.	
Screened Interval	19 - 9	Well Volume (gallons)	
Well Elevation		SWL During Sampling	
Ground Elevation		Sample Time	7/21 0800
Well Condition	New	Sample Method	Low-Flow
Weather Conditions		Sample Analysis	

Project: 78 Sheer Rd Site Characterization
Date: 7/20/2017
Crew: JCS/BAF
Purge Method: Low-Flow
Meters Used: YSI Pro DSS
PID Headspace:

±0.1 3% 10% 10% 3% ±10

Time	Est. Gal Purged	Purge Rate (L/min)	pH	Cond. (mS/cm)	Turbidity (NTU)	D.O. (mg/L)	Temp (C)	Salinity (PPT)	TDS (ppm)	ORP (mV)	Depth to Water	Comments
0815	-	<200mL	7.03	0.329	70	6.43	15.4	-	-	-193.4	-	
0825	<0.5	0.1	6.75	0.287	155	2.69	13.8	-	-	-198	-	
0835	0.5	0.1	6.57	0.236	53	2.34	14.1	-	-	-238	-	
0845	0.6	0.1	6.59	0.257	533	3.23	17.7	-	-	-200	-	
0855	0.7	0.1	6.66	0.259	1309	5.13	19.1	-	-	-105	-	Seems to be running dry
0905	1.0	0.1	6.66	0.247	522	7.26	21.6	-	-	93.9	-	* Lots of air coming up. Running Dry - shut off for 10 min to gauge WL recharge. Ran dry ↳ Shut down & let recharge ↳ Will switch to * 3 well vol. purged before sampling
0935	1.0	0.1	6.64	0.218	1010	7.3	17.2	-	-	-85.6	-	
					Restart @ 1335							
1335	1.0	0.1	6.51	0.206	26.1	4.48	13.7	-	-	-209	-	
1348	~1.5	<0.1	6.36	0.239	139.4	7.38	16.0	-	-	17.3	-	
1356	2.0	<0.1	6.34	0.243	125.4	7.4	18.7	-	-	22.2	-	
				DRY	AGAIN							
1642	~3.5	0.2	6.48	0.245	38.7	6.18	11.8	-	-	-63	-	
1652	~3.0		6.54	0.195	275	8.81	14.0	-	-	82		
				DRY								
												Sampled 7/21 0800 SWL: 16.2

Comments:
OR = Out of Range.

No WL taken during purge due to potential PFC cross-contamination.

Notes: Volume is measured in Gallons. Depth to Water measured from Top of Casing, unless otherwise noted.

Well Sampling Log

Well ID No. DW1

Well Casing Type	1" PVC	Start SWL		Project	78 Sheer Rd Site Characterization
Well Depth	19	Water Column Ht.		Date	7/20/2017
Screened Interval	19 - 9	Well Volume (gallons)		Crew	JCS/BAF
Well Elevation		SWL During Sampling		Purge Method	Low-Flow
Ground Elevation		Sample Time		Meters Used	YSI Pro DSS
Well Condition	New	Sample Method	Low-Flow	PID Headspace	
Weather Conditions		Sample Analysis			

Time	Est. Gal Purged	Purge Rate (L/min)	pH	Cond. (mS/cm)	Turbidity (NTU)	D.O. (mg/L)	Temp (C)	Salinity (PPT)	TDS (ppm)	ORP (mV)	Depth to Water	Comments
1600	0		6.27	0.149	1.8	~~[illegible]~~ 7.31	11.9			266		Sample @ 1600

Comments:
OR = Out of Range.

Notes: Volume is measured in Gallons. Depth to Water measured from Top of Casing, unless otherwise noted.

Appendix C

Analytical Data Summary Package – Groundwater and Soil

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 480-121130-1
Client Project/Site: 78 Sheer Rd. #442055

For:
New York State D.E.C.
625 Broadway
Division of Environmental Remediation
Albany, New York 12233-7014

Attn: Josh Haugh

Judy Stone

Authorized for release by:
7/28/2017 8:54:46 AM

Judy Stone, Senior Project Manager
(484)685-0868
judy.stone@testamericainc.com

Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
vs	Reported analyte concentrations are below 200 ug/kg and may be biased low due to the sample not being collected according to 5035A-L low-level specifications.
*	LCS or LCSD is outside acceptance limits.
F1	MS and/or MSD Recovery is outside acceptance limits.

GC/MS Semi VOA

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

GC Semi VOA

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

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
F2	MS/MSD RPD exceeds control limits
F1	MS and/or MSD Recovery is outside acceptance limits.

Glossary

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

Job ID: 480-121130-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-121130-1

Receipt
The samples were received on 7/15/2017 1:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.8º C and 0.9º C.

Receipt Exceptions
The client requested that the following sample IDs be used instead of the date format written on the chain of custody form: MW1-8-12-20170712 (480-121130-1) and MW5-8-12-20170712 (480-121130-2).

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-367407 recovered outside acceptance criteria, low biased, for Chloromethane. 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 following samples have been impacted: MW1-8-12-20170712 (480-121130-1), MW5-8-12-20170712 (480-121130-2), MW2-8-12-20170712 (480-121130-3), SS4-0-2-20170712 (480-121130-4), DUPE-20170712 (480-121130-5) and SS3-0-2-20170713 (480-121130-6).

Method(s) 8260C: The laboratory control sample (LCS) for preparation batch 480-367467 and analytical batch 480-367407 recovered outside control limits for the following analyte: 2-Butanone (MEK). This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. The following samples have been impacted: MW1-8-12-20170712 (480-121130-1), MW5-8-12-20170712 (480-121130-2), MW2-8-12-20170712 (480-121130-3), SS4-0-2-20170712 (480-121130-4), DUPE-20170712 (480-121130-5) and SS3-0-2-20170713 (480-121130-6).

Method(s) 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 480-367467 and analytical batch 480-367407 were outside control limits. The following samples have been impacted: SS3-0-2-20170713 (480-121130-6[MS]) and SS3-0-2-20170713 (480-121130-6[MSD]).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-368206 recovered above the upper control limit for Bromomethane. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following samples are impacted: MW4-4-8-20170713 (480-121130-7) and MW3-8-11-20170713 (480-121130-8).

Method(s) 8260C: The laboratory control sample (LCS) for preparation batch 480-368217 and analytical batch 480-368206 recovered outside control limits for the following analytes: Bromomethane and Chloroethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The following samples have been impacted: MW4-4-8-20170713 (480-121130-7) and MW3-8-11-20170713 (480-121130-8)

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-368285 recovered above the upper control limit for Bromomethane. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following samples are impacted: SS2-0-2-20170713 (480-121130-9), SS4-0-2-20170713 (480-121130-10), SS6-0-2-20170713 (480-121130-11) and SS5-0-2-20170713 (480-121130-12).

Method(s) 8260C: The laboratory control sample (LCS) for preparation batch 480-367750 and analytical batch 480-368285 recovered outside control limits for the following analytes: Chloroethane and 2-Butanone (MEK). These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The following samples are impacted: SS2-0-2-20170713 (480-121130-9), SS4-0-2-20170713 (480-121130-10), SS6-0-2-20170713 (480-121130-11) and SS5-0-2-20170713 (480-121130-12).

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

GC/MS Semi VOA
Method(s) 8270D: The following samples were diluted due to color and appearance: MW5-8-12-20170712 (480-121130-2), SS4-0-2-20170712 (480-121130-4), DUPE-20170712 (480-121130-5), SS3-0-2-20170713 (480-121130-6), SS3-0-2-20170713 (480-121130-6[MS]), SS3-0-2-20170713 (480-121130-6[MSD]), SS2-0-2-20170713 (480-121130-9), SS4-0-2-20170713

Job ID: 480-121130-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

(480-121130-10), and SS6-0-2-20170713 (480-121130-11). Elevated reporting limits (RL) are provided.

Method(s) 8270D: The following samples required a dilution due to the nature of the sample matrix (color and viscosity): SS5-0-2-20170713 (480-121130-12). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

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

GC Semi VOA

Method(s) 8081B: The following sample was diluted due to an abundance of target analytes: SS5-0-2-20170713 (480-121130-12). As such, surrogate recoveries are below the calibration range, estimated, and not representative. Elevated reporting limits (RLs) are provided.

Method(s) 8081B: All primary data for analytical batch 368156 is reported from the RTX-CLPI column.

Method(s) 8081B: The percent difference in a multi-component continuing calibration verification is assessed on the basis of the total amount; individual peak calculations are only listed for completeness.

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

Metals

Method(s) 6010C: The Serial Dilution and Post Spike (480-121130-B-6-D PDS) and (480-121130-B-6-D SD) exceeded the quality control limits for Total Aluminum, Barium, Beryllium, Calcium, Chromium, Copper, Iron, Potassium, Magnesium, Vanadium, and Zinc. Sample matrix is suspected, therefore, no corrective action was necessary.

Method(s) 6010C: The Serial Dilution (480-121130-B-6-D SD) in batch 480-367273 exhibited a result outside the quality control limits for Total Manganese. However, the Post Digestion Spike was compliant so no corrective action was necessary

Method(s) 6010C: The % recovery of Post Spike, (480-121130-B-6-D PDS) in batch 480-367273 exhibited results outside the quality control limits for Total Silver, Arsenic, Cadmium, Sodium, Antimony, and Selenium. However, the Serial Dilution of this sample was compliant. Therefore, no corrective action was necessary

Method(s) 6010C: Due to sample matrix effect on the internal standard (Yttrium), a dilution was required for the following sample: SS4-0-2-20170712 (480-121130-4), DUPE-20170712 (480-121130-5), MW4-4-8-20170713 (480-121130-7) and SS2-0-2-20170713 (480-121130-9).

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

Organic Prep

Method(s) 3550C: The following samples required a Florisil clean-up by EPA Method 3620C to reduce matrix interferences: MW5-8-12-20170712 (480-121130-2), SS4-0-2-20170712 (480-121130-4), DUPE-20170712 (480-121130-5), SS3-0-2-20170713 (480-121130-6), SS3-0-2-20170713 (480-121130-6[MS]), SS3-0-2-20170713 (480-121130-6[MSD]), SS4-0-2-20170713 (480-121130-10), SS6-0-2-20170713 (480-121130-11) and SS5-0-2-20170713 (480-121130-12).

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

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: MW1-8-12-20170712
Date Collected: 07/12/17 13:05
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-1
Matrix: Solid
Percent Solids: 90.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.4	0.40	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
1,1,2,2-Tetrachloroethane	ND	vs	5.4	0.88	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
1,1,2-Trichloroethane	ND	vs	5.4	0.71	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.4	1.2	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
1,1-Dichloroethane	ND	vs	5.4	0.66	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
1,1-Dichloroethene	ND	vs	5.4	0.67	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
1,2,4-Trichlorobenzene	ND	vs	5.4	0.33	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.4	2.7	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
1,2-Dichlorobenzene	ND	vs	5.4	0.43	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
1,2-Dichloroethane	ND	vs	5.4	0.27	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
1,2-Dichloropropane	ND	vs	5.4	2.7	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
1,3-Dichlorobenzene	ND	vs	5.4	0.28	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
1,4-Dichlorobenzene	ND	vs	5.4	0.76	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
2-Butanone (MEK)	ND	* vs	27	2.0	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
2-Hexanone	ND	vs	27	2.7	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
4-Methyl-2-pentanone (MIBK)	ND	vs	27	1.8	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
Acetone	ND	vs	27	4.6	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
Benzene	ND	vs	5.4	0.27	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
Bromodichloromethane	ND	vs	5.4	0.73	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
Bromoform	ND	vs	5.4	2.7	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
Bromomethane	ND	vs	5.4	0.49	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
Carbon disulfide	ND	vs	5.4	2.7	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
Carbon tetrachloride	ND	vs	5.4	0.53	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
Chlorobenzene	ND	vs	5.4	0.72	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
Dibromochloromethane	ND	vs	5.4	0.70	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
Chloroethane	ND	vs	5.4	1.2	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
Chloroform	ND	vs	5.4	0.34	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
Chloromethane	ND	vs	5.4	0.33	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
cis-1,2-Dichloroethene	ND	vs	5.4	0.70	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
cis-1,3-Dichloropropene	ND	vs	5.4	0.78	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
Cyclohexane	ND	vs	5.4	0.76	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
Dichlorodifluoromethane	ND	vs	5.4	0.45	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
Ethylbenzene	ND	vs	5.4	0.38	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
1,2-Dibromoethane	ND	vs	5.4	0.70	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
Isopropylbenzene	ND	vs	5.4	0.82	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
Methyl acetate	ND	vs	27	3.3	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
Methyl tert-butyl ether	ND	vs	5.4	0.53	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
Methylcyclohexane	ND	vs	5.4	0.83	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
Methylene Chloride	ND	vs	5.4	2.5	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
Styrene	ND	vs	5.4	0.27	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
Tetrachloroethene	ND	vs	5.4	0.73	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
Toluene	ND	vs	5.4	0.41	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
trans-1,2-Dichloroethene	ND	vs	5.4	0.56	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
trans-1,3-Dichloropropene	ND	vs	5.4	2.4	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
Trichloroethene	ND	vs	5.4	1.2	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
Trichlorofluoromethane	ND	vs	5.4	0.51	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
Vinyl chloride	ND	vs	5.4	0.66	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1
Xylenes, Total	ND	vs	11	0.91	ug/Kg	☼	07/18/17 10:13	07/18/17 17:43	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: MW1-8-12-20170712
Date Collected: 07/12/17 13:05
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-1
Matrix: Solid
Percent Solids: 90.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		71 - 125	07/18/17 10:13	07/18/17 17:43	1
1,2-Dichloroethane-d4 (Surr)	87		64 - 126	07/18/17 10:13	07/18/17 17:43	1
4-Bromofluorobenzene (Surr)	120		72 - 126	07/18/17 10:13	07/18/17 17:43	1
Dibromofluoromethane (Surr)	98		60 - 140	07/18/17 10:13	07/18/17 17:43	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		190	27	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
bis (2-chloroisopropyl) ether	ND		190	37	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
2,4,5-Trichlorophenol	ND		190	50	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
2,4,6-Trichlorophenol	ND		190	37	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
2,4-Dichlorophenol	ND		190	20	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
2,4-Dimethylphenol	ND		190	45	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
2,4-Dinitrophenol	ND		1800	860	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
2,4-Dinitrotoluene	ND		190	38	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
2,6-Dinitrotoluene	ND		190	22	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
2-Chloronaphthalene	ND		190	31	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
2-Chlorophenol	ND		190	34	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
2-Methylphenol	ND		190	22	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
2-Methylnaphthalene	ND		190	37	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
2-Nitroaniline	ND		360	27	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
2-Nitrophenol	ND		190	53	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
3,3'-Dichlorobenzidine	ND		360	220	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
3-Nitroaniline	ND		360	52	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
4,6-Dinitro-2-methylphenol	ND		360	190	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
4-Bromophenyl phenyl ether	ND		190	26	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
4-Chloro-3-methylphenol	ND		190	46	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
4-Chloroaniline	ND		190	46	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
4-Chlorophenyl phenyl ether	ND		190	23	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
4-Methylphenol	ND		360	22	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
4-Nitroaniline	ND		360	98	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
4-Nitrophenol	ND		360	130	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Acenaphthene	ND		190	27	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Acenaphthylene	ND		190	24	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Acetophenone	ND		190	25	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Anthracene	ND		190	46	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Atrazine	ND		190	65	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Benzaldehyde	ND		190	150	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Benzo[a]anthracene	ND		190	19	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Benzo[a]pyrene	ND		190	27	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Benzo[b]fluoranthene	ND		190	30	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Benzo[g,h,i]perylene	ND		190	20	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Benzo[k]fluoranthene	ND		190	24	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Bis(2-chloroethoxy)methane	ND		190	39	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Bis(2-chloroethyl)ether	ND		190	24	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Bis(2-ethylhexyl) phthalate	ND		190	64	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Butyl benzyl phthalate	ND		190	31	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Caprolactam	ND		190	56	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Carbazole	ND		190	22	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Chrysene	ND		190	42	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: MW1-8-12-20170712
Date Collected: 07/12/17 13:05
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-1
Matrix: Solid
Percent Solids: 90.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		190	33	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Di-n-butyl phthalate	ND		190	32	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Di-n-octyl phthalate	ND		190	22	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Dibenzofuran	ND		190	22	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Diethyl phthalate	ND		190	24	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Dimethyl phthalate	ND		190	22	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Fluoranthene	ND		190	20	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Fluorene	ND		190	22	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Hexachlorobenzene	ND		190	25	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Hexachlorobutadiene	ND		190	27	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Hexachlorocyclopentadiene	ND		190	25	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Hexachloroethane	ND		190	24	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Indeno[1,2,3-cd]pyrene	ND		190	23	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Isophorone	ND		190	39	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
N-Nitrosodi-n-propylamine	ND		190	32	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
N-Nitrosodiphenylamine	ND		190	150	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Naphthalene	ND		190	24	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Nitrobenzene	ND		190	21	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Pentachlorophenol	ND		360	190	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Phenanthrene	ND		190	27	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Phenol	ND		190	28	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1
Pyrene	ND		190	22	ug/Kg	☼	07/17/17 08:05	07/18/17 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*83*		*53 - 120*	*07/17/17 08:05*	*07/18/17 16:27*	*1*
Phenol-d5 (Surr)	*82*		*54 - 120*	*07/17/17 08:05*	*07/18/17 16:27*	*1*
p-Terphenyl-d14 (Surr)	*94*		*65 - 121*	*07/17/17 08:05*	*07/18/17 16:27*	*1*
2,4,6-Tribromophenol (Surr)	*82*		*54 - 120*	*07/17/17 08:05*	*07/18/17 16:27*	*1*
2-Fluorobiphenyl	*83*		*60 - 120*	*07/17/17 08:05*	*07/18/17 16:27*	*1*
2-Fluorophenol (Surr)	*81*		*52 - 120*	*07/17/17 08:05*	*07/18/17 16:27*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		1.8	0.35	ug/Kg	☼	07/18/17 07:31	07/21/17 18:23	1
4,4'-DDE	ND		1.8	0.38	ug/Kg	☼	07/18/17 07:31	07/21/17 18:23	1
4,4'-DDT	ND		1.8	0.42	ug/Kg	☼	07/18/17 07:31	07/21/17 18:23	1
Aldrin	ND		1.8	0.45	ug/Kg	☼	07/18/17 07:31	07/21/17 18:23	1
alpha-BHC	**0.39**	**J B**	1.8	0.33	ug/Kg	☼	07/18/17 07:31	07/21/17 18:23	1
alpha-Chlordane	ND		1.8	0.90	ug/Kg	☼	07/18/17 07:31	07/21/17 18:23	1
beta-BHC	ND		1.8	0.33	ug/Kg	☼	07/18/17 07:31	07/21/17 18:23	1
delta-BHC	ND		1.8	0.34	ug/Kg	☼	07/18/17 07:31	07/21/17 18:23	1
Dieldrin	ND		1.8	0.44	ug/Kg	☼	07/18/17 07:31	07/21/17 18:23	1
Endosulfan I	ND		1.8	0.35	ug/Kg	☼	07/18/17 07:31	07/21/17 18:23	1
Endosulfan II	ND		1.8	0.33	ug/Kg	☼	07/18/17 07:31	07/21/17 18:23	1
Endosulfan sulfate	ND		1.8	0.34	ug/Kg	☼	07/18/17 07:31	07/21/17 18:23	1
Endrin	ND		1.8	0.36	ug/Kg	☼	07/18/17 07:31	07/21/17 18:23	1
Endrin aldehyde	ND		1.8	0.46	ug/Kg	☼	07/18/17 07:31	07/21/17 18:23	1
Endrin ketone	ND		1.8	0.45	ug/Kg	☼	07/18/17 07:31	07/21/17 18:23	1
gamma-BHC (Lindane)	**0.40**	**J B**	1.8	0.33	ug/Kg	☼	07/18/17 07:31	07/21/17 18:23	1
gamma-Chlordane	ND		1.8	0.58	ug/Kg	☼	07/18/17 07:31	07/21/17 18:23	1

Client Sample ID: MW1-8-12-20170712

Lab Sample ID: 480-121130-1

Date Collected: 07/12/17 13:05

Matrix: Solid

Date Received: 07/15/17 01:45

Percent Solids: 90.9

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		1.8	0.39	ug/Kg	☼	07/18/17 07:31	07/21/17 18:23	1
Heptachlor epoxide	ND		1.8	0.47	ug/Kg	☼	07/18/17 07:31	07/21/17 18:23	1
Methoxychlor	ND		1.8	0.37	ug/Kg	☼	07/18/17 07:31	07/21/17 18:23	1
Toxaphene	ND		18	11	ug/Kg	☼	07/18/17 07:31	07/21/17 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*88*		*45 - 120*	*07/18/17 07:31*	*07/21/17 18:23*	*1*
DCB Decachlorobiphenyl	*84*		*45 - 120*	*07/18/17 07:31*	*07/21/17 18:23*	*1*
Tetrachloro-m-xylene	*78*		*30 - 124*	*07/18/17 07:31*	*07/21/17 18:23*	*1*
Tetrachloro-m-xylene	*71*		*30 - 124*	*07/18/17 07:31*	*07/21/17 18:23*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**18000**		10.4	4.6	mg/Kg	☼	07/17/17 11:00	07/18/17 15:28	1
Antimony	ND		15.6	0.42	mg/Kg	☼	07/17/17 11:00	07/18/17 15:28	1
Arsenic	**6.3**		2.1	0.42	mg/Kg	☼	07/17/17 11:00	07/18/17 15:28	1
Barium	**155**		0.52	0.11	mg/Kg	☼	07/17/17 11:00	07/18/17 15:28	1
Beryllium	**1.1**		0.21	0.029	mg/Kg	☼	07/17/17 11:00	07/18/17 15:28	1
Cadmium	**0.16**	**J**	0.21	0.031	mg/Kg	☼	07/17/17 11:00	07/18/17 15:28	1
Calcium	**999**	**B**	52.1	3.4	mg/Kg	☼	07/17/17 11:00	07/18/17 15:28	1
Chromium	**21.2**		0.52	0.21	mg/Kg	☼	07/17/17 11:00	07/18/17 15:28	1
Cobalt	**16.9**		0.52	0.052	mg/Kg	☼	07/17/17 11:00	07/18/17 15:28	1
Copper	**27.2**		1.0	0.22	mg/Kg	☼	07/17/17 11:00	07/18/17 15:28	1
Iron	**32400**		10.4	3.6	mg/Kg	☼	07/17/17 11:00	07/18/17 15:28	1
Lead	**21.1**		1.0	0.25	mg/Kg	☼	07/17/17 11:00	07/18/17 15:28	1
Magnesium	**5020**		20.9	0.97	mg/Kg	☼	07/17/17 11:00	07/18/17 15:28	1
Manganese	**937**		0.21	0.033	mg/Kg	☼	07/17/17 11:00	07/18/17 15:28	1
Nickel	**29.1**		5.2	0.24	mg/Kg	☼	07/17/17 11:00	07/18/17 15:28	1
Potassium	**2650**		31.3	20.9	mg/Kg	☼	07/17/17 11:00	07/18/17 15:28	1
Selenium	ND		4.2	0.42	mg/Kg	☼	07/17/17 11:00	07/18/17 15:28	1
Silver	ND		0.63	0.21	mg/Kg	☼	07/17/17 11:00	07/18/17 15:28	1
Sodium	**98.1**	**J**	146	13.6	mg/Kg	☼	07/17/17 11:00	07/18/17 15:28	1
Thallium	ND		6.3	0.31	mg/Kg	☼	07/17/17 11:00	07/18/17 15:28	1
Vanadium	**19.9**		0.52	0.11	mg/Kg	☼	07/17/17 11:00	07/18/17 15:28	1
Zinc	**73.3**		2.1	0.67	mg/Kg	☼	07/17/17 11:00	07/18/17 15:28	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.022	0.0088	mg/Kg	☼	07/17/17 09:45	07/17/17 12:18	1

Client Sample ID: MW5-8-12-20170712

Lab Sample ID: 480-121130-2

Date Collected: 07/12/17 11:35

Matrix: Solid

Date Received: 07/15/17 01:45

Percent Solids: 86.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.8	0.42	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
1,1,2,2-Tetrachloroethane	ND	vs	5.8	0.94	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
1,1,2-Trichloroethane	ND	vs	5.8	0.75	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.8	1.3	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: MW5-8-12-20170712
Date Collected: 07/12/17 11:35
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-2
Matrix: Solid
Percent Solids: 86.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND	vs	5.8	0.70	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
1,1-Dichloroethene	ND	vs	5.8	0.71	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
1,2,4-Trichlorobenzene	ND	vs	5.8	0.35	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.8	2.9	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
1,2-Dichlorobenzene	ND	vs	5.8	0.45	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
1,2-Dichloroethane	ND	vs	5.8	0.29	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
1,2-Dichloropropane	ND	vs	5.8	2.9	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
1,3-Dichlorobenzene	ND	vs	5.8	0.30	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
1,4-Dichlorobenzene	ND	vs	5.8	0.81	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
2-Butanone (MEK)	ND	* vs	29	2.1	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
2-Hexanone	ND	vs	29	2.9	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
Acetone	ND	vs	29	4.9	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
Benzene	ND	vs	5.8	0.28	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
Bromodichloromethane	ND	vs	5.8	0.77	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
Bromoform	ND	vs	5.8	2.9	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
Bromomethane	ND	vs	5.8	0.52	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
Carbon disulfide	ND	vs	5.8	2.9	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
Carbon tetrachloride	ND	vs	5.8	0.56	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
Chlorobenzene	ND	vs	5.8	0.76	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
Dibromochloromethane	ND	vs	5.8	0.74	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
Chloroethane	ND	vs	5.8	1.3	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
Chloroform	ND	vs	5.8	0.36	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
Chloromethane	ND	vs	5.8	0.35	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
cis-1,2-Dichloroethene	ND	vs	5.8	0.74	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
cis-1,3-Dichloropropene	ND	vs	5.8	0.83	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
Cyclohexane	ND	vs	5.8	0.81	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
Dichlorodifluoromethane	ND	vs	5.8	0.48	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
Ethylbenzene	ND	vs	5.8	0.40	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
1,2-Dibromoethane	ND	vs	5.8	0.74	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
Isopropylbenzene	ND	vs	5.8	0.87	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
Methyl acetate	ND	vs	29	3.5	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
Methyl tert-butyl ether	ND	vs	5.8	0.57	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
Methylcyclohexane	ND	vs	5.8	0.88	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
Methylene Chloride	ND	vs	5.8	2.7	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
Styrene	ND	vs	5.8	0.29	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
Tetrachloroethene	ND	vs	5.8	0.77	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
Toluene	ND	vs	5.8	0.44	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
trans-1,2-Dichloroethene	ND	vs	5.8	0.60	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
trans-1,3-Dichloropropene	ND	vs	5.8	2.5	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
Trichloroethene	ND	vs	5.8	1.3	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
Trichlorofluoromethane	ND	vs	5.8	0.55	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
Vinyl chloride	ND	vs	5.8	0.70	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1
Xylenes, Total	ND	vs	12	0.97	ug/Kg	☼	07/18/17 10:13	07/18/17 18:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*71 - 125*	*07/18/17 10:13*	*07/18/17 18:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*64 - 126*	*07/18/17 10:13*	*07/18/17 18:08*	*1*
4-Bromofluorobenzene (Surr)	*115*		*72 - 126*	*07/18/17 10:13*	*07/18/17 18:08*	*1*
Dibromofluoromethane (Surr)	*100*		*60 - 140*	*07/18/17 10:13*	*07/18/17 18:08*	*1*

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		960	140	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
bis (2-chloroisopropyl) ether	ND		960	190	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
2,4,5-Trichlorophenol	ND		960	260	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
2,4,6-Trichlorophenol	ND		960	190	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
2,4-Dichlorophenol	ND		960	100	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
2,4-Dimethylphenol	ND		960	230	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
2,4-Dinitrophenol	ND		9400	4400	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
2,4-Dinitrotoluene	ND		960	200	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
2,6-Dinitrotoluene	ND		960	110	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
2-Chloronaphthalene	ND		960	160	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
2-Chlorophenol	ND		960	180	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
2-Methylphenol	ND		960	110	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
2-Methylnaphthalene	ND		960	190	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
2-Nitroaniline	ND		1900	140	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
2-Nitrophenol	ND		960	270	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
3,3'-Dichlorobenzidine	ND		1900	1100	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
3-Nitroaniline	ND		1900	270	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
4,6-Dinitro-2-methylphenol	ND		1900	960	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
4-Bromophenyl phenyl ether	ND		960	140	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
4-Chloro-3-methylphenol	ND		960	240	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
4-Chloroaniline	ND		960	240	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
4-Chlorophenyl phenyl ether	ND		960	120	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
4-Methylphenol	ND		1900	110	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
4-Nitroaniline	ND		1900	500	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
4-Nitrophenol	ND		1900	670	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Acenaphthene	ND		960	140	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Acenaphthylene	ND		960	120	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Acetophenone	ND		960	130	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Anthracene	ND		960	240	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Atrazine	ND		960	330	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Benzaldehyde	ND		960	760	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Benzo[a]anthracene	ND		960	96	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Benzo[a]pyrene	ND		960	140	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Benzo[b]fluoranthene	ND		960	150	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Benzo[g,h,i]perylene	ND		960	100	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Benzo[k]fluoranthene	ND		960	120	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Bis(2-chloroethoxy)methane	ND		960	200	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Bis(2-chloroethyl)ether	ND		960	120	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Bis(2-ethylhexyl) phthalate	ND		960	330	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Butyl benzyl phthalate	ND		960	160	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Caprolactam	ND		960	290	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Carbazole	ND		960	110	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Chrysene	ND		960	220	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Dibenz(a,h)anthracene	ND		960	170	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Di-n-butyl phthalate	ND		960	160	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Di-n-octyl phthalate	ND		960	110	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Dibenzofuran	ND		960	110	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Diethyl phthalate	ND		960	120	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Dimethyl phthalate	ND		960	110	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Fluoranthene	ND		960	100	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Fluorene	ND		960	110	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Hexachlorobenzene	ND		960	130	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Hexachlorobutadiene	ND		960	140	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: MW5-8-12-20170712
Date Collected: 07/12/17 11:35
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-2
Matrix: Solid
Percent Solids: 86.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		960	130	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Hexachloroethane	ND		960	120	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Indeno[1,2,3-cd]pyrene	ND		960	120	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Isophorone	ND		960	200	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
N-Nitrosodi-n-propylamine	ND		960	160	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
N-Nitrosodiphenylamine	ND		960	780	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Naphthalene	ND		960	120	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Nitrobenzene	ND		960	110	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Pentachlorophenol	ND		1900	960	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Phenanthrene	ND		960	140	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Phenol	ND		960	150	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5
Pyrene	ND		960	110	ug/Kg	☼	07/17/17 08:05	07/18/17 16:53	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*71*		*53 - 120*	*07/17/17 08:05*	*07/18/17 16:53*	*5*
Phenol-d5 (Surr)	*69*		*54 - 120*	*07/17/17 08:05*	*07/18/17 16:53*	*5*
p-Terphenyl-d14 (Surr)	*83*		*65 - 121*	*07/17/17 08:05*	*07/18/17 16:53*	*5*
2,4,6-Tribromophenol (Surr)	*73*		*54 - 120*	*07/17/17 08:05*	*07/18/17 16:53*	*5*
2-Fluorobiphenyl	*75*		*60 - 120*	*07/17/17 08:05*	*07/18/17 16:53*	*5*
2-Fluorophenol (Surr)	*57*		*52 - 120*	*07/17/17 08:05*	*07/18/17 16:53*	*5*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		1.9	0.37	ug/Kg	☼	07/18/17 07:31	07/21/17 18:43	1
4,4'-DDE	**0.66**	**J**	1.9	0.40	ug/Kg	☼	07/18/17 07:31	07/21/17 18:43	1
4,4'-DDT	**1.3**	**J**	1.9	0.45	ug/Kg	☼	07/18/17 07:31	07/21/17 18:43	1
Aldrin	ND		1.9	0.47	ug/Kg	☼	07/18/17 07:31	07/21/17 18:43	1
alpha-BHC	**0.52**	**J B**	1.9	0.34	ug/Kg	☼	07/18/17 07:31	07/21/17 18:43	1
alpha-Chlordane	ND		1.9	0.95	ug/Kg	☼	07/18/17 07:31	07/21/17 18:43	1
beta-BHC	ND		1.9	0.34	ug/Kg	☼	07/18/17 07:31	07/21/17 18:43	1
delta-BHC	ND		1.9	0.36	ug/Kg	☼	07/18/17 07:31	07/21/17 18:43	1
Dieldrin	ND		1.9	0.46	ug/Kg	☼	07/18/17 07:31	07/21/17 18:43	1
Endosulfan I	ND		1.9	0.37	ug/Kg	☼	07/18/17 07:31	07/21/17 18:43	1
Endosulfan II	ND		1.9	0.34	ug/Kg	☼	07/18/17 07:31	07/21/17 18:43	1
Endosulfan sulfate	ND		1.9	0.36	ug/Kg	☼	07/18/17 07:31	07/21/17 18:43	1
Endrin	ND		1.9	0.38	ug/Kg	☼	07/18/17 07:31	07/21/17 18:43	1
Endrin aldehyde	ND		1.9	0.49	ug/Kg	☼	07/18/17 07:31	07/21/17 18:43	1
Endrin ketone	ND		1.9	0.47	ug/Kg	☼	07/18/17 07:31	07/21/17 18:43	1
gamma-BHC (Lindane)	ND		1.9	0.35	ug/Kg	☼	07/18/17 07:31	07/21/17 18:43	1
gamma-Chlordane	ND		1.9	0.61	ug/Kg	☼	07/18/17 07:31	07/21/17 18:43	1
Heptachlor	ND		1.9	0.41	ug/Kg	☼	07/18/17 07:31	07/21/17 18:43	1
Heptachlor epoxide	ND		1.9	0.49	ug/Kg	☼	07/18/17 07:31	07/21/17 18:43	1
Methoxychlor	ND		1.9	0.39	ug/Kg	☼	07/18/17 07:31	07/21/17 18:43	1
Toxaphene	ND		19	11	ug/Kg	☼	07/18/17 07:31	07/21/17 18:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*79*		*45 - 120*	*07/18/17 07:31*	*07/21/17 18:43*	*1*
DCB Decachlorobiphenyl	*78*		*45 - 120*	*07/18/17 07:31*	*07/21/17 18:43*	*1*
Tetrachloro-m-xylene	*65*		*30 - 124*	*07/18/17 07:31*	*07/21/17 18:43*	*1*
Tetrachloro-m-xylene	*53*		*30 - 124*	*07/18/17 07:31*	*07/21/17 18:43*	*1*

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: MW5-8-12-20170712

Lab Sample ID: 480-121130-2
Date Collected: 07/12/17 11:35
Matrix: Solid
Date Received: 07/15/17 01:45
Percent Solids: 86.6

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	16400		12.3	5.4	mg/Kg	☼	07/17/17 11:00	07/18/17 15:43	1
Antimony	ND		18.4	0.49	mg/Kg	☼	07/17/17 11:00	07/18/17 15:43	1
Arsenic	10.6		2.5	0.49	mg/Kg	☼	07/17/17 11:00	07/18/17 15:43	1
Barium	175		0.61	0.14	mg/Kg	☼	07/17/17 11:00	07/18/17 15:43	1
Beryllium	1.2		0.25	0.034	mg/Kg	☼	07/17/17 11:00	07/18/17 15:43	1
Cadmium	0.17	J	0.25	0.037	mg/Kg	☼	07/17/17 11:00	07/18/17 15:43	1
Calcium	1750	B	61.5	4.1	mg/Kg	☼	07/17/17 11:00	07/18/17 15:43	1
Chromium	20.8		0.61	0.25	mg/Kg	☼	07/17/17 11:00	07/18/17 15:43	1
Cobalt	18.2		0.61	0.061	mg/Kg	☼	07/17/17 11:00	07/18/17 15:43	1
Copper	32.7		1.2	0.26	mg/Kg	☼	07/17/17 11:00	07/18/17 15:43	1
Iron	31500		12.3	4.3	mg/Kg	☼	07/17/17 11:00	07/18/17 15:43	1
Lead	23.4		1.2	0.29	mg/Kg	☼	07/17/17 11:00	07/18/17 15:43	1
Magnesium	4660		24.6	1.1	mg/Kg	☼	07/17/17 11:00	07/18/17 15:43	1
Manganese	1570		0.25	0.039	mg/Kg	☼	07/17/17 11:00	07/18/17 15:43	1
Nickel	30.3		6.1	0.28	mg/Kg	☼	07/17/17 11:00	07/18/17 15:43	1
Potassium	2490		36.9	24.6	mg/Kg	☼	07/17/17 11:00	07/18/17 15:43	1
Selenium	ND		4.9	0.49	mg/Kg	☼	07/17/17 11:00	07/18/17 15:43	1
Silver	ND		0.74	0.25	mg/Kg	☼	07/17/17 11:00	07/18/17 15:43	1
Sodium	129	J	172	16.0	mg/Kg	☼	07/17/17 11:00	07/18/17 15:43	1
Thallium	ND		7.4	0.37	mg/Kg	☼	07/17/17 11:00	07/18/17 15:43	1
Vanadium	20.2		0.61	0.14	mg/Kg	☼	07/17/17 11:00	07/18/17 15:43	1
Zinc	66.2		2.5	0.79	mg/Kg	☼	07/17/17 11:00	07/18/17 15:43	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.014	J	0.023	0.0095	mg/Kg	☼	07/17/17 09:45	07/17/17 12:20	1

Client Sample ID: MW2-8-12-20170712

Lab Sample ID: 480-121130-3
Date Collected: 07/12/17 15:10
Matrix: Solid
Date Received: 07/15/17 01:45
Percent Solids: 93.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.3	0.39	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
1,1,2,2-Tetrachloroethane	ND	vs	5.3	0.86	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
1,1,2-Trichloroethane	ND	vs	5.3	0.69	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.3	1.2	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
1,1-Dichloroethane	ND	vs	5.3	0.65	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
1,1-Dichloroethene	ND	vs	5.3	0.65	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
1,2,4-Trichlorobenzene	ND	vs	5.3	0.32	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.3	2.7	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
1,2-Dichlorobenzene	ND	vs	5.3	0.42	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
1,2-Dichloroethane	ND	vs	5.3	0.27	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
1,2-Dichloropropane	ND	vs	5.3	2.7	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
1,3-Dichlorobenzene	ND	vs	5.3	0.27	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
1,4-Dichlorobenzene	ND	vs	5.3	0.75	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
2-Butanone (MEK)	ND	* vs	27	2.0	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
2-Hexanone	ND	vs	27	2.7	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
4-Methyl-2-pentanone (MIBK)	ND	vs	27	1.7	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
Acetone	ND	vs	27	4.5	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: MW2-8-12-20170712
Date Collected: 07/12/17 15:10
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-3
Matrix: Solid
Percent Solids: 93.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	vs	5.3	0.26	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
Bromodichloromethane	ND	vs	5.3	0.71	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
Bromoform	ND	vs	5.3	2.7	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
Bromomethane	ND	vs	5.3	0.48	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
Carbon disulfide	ND	vs	5.3	2.7	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
Carbon tetrachloride	ND	vs	5.3	0.52	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
Chlorobenzene	ND	vs	5.3	0.70	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
Dibromochloromethane	ND	vs	5.3	0.68	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
Chloroethane	ND	vs	5.3	1.2	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
Chloroform	ND	vs	5.3	0.33	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
Chloromethane	ND	vs	5.3	0.32	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
cis-1,2-Dichloroethene	ND	vs	5.3	0.68	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
cis-1,3-Dichloropropene	ND	vs	5.3	0.77	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
Cyclohexane	ND	vs	5.3	0.75	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
Dichlorodifluoromethane	ND	vs	5.3	0.44	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
Ethylbenzene	ND	vs	5.3	0.37	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
1,2-Dibromoethane	ND	vs	5.3	0.68	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
Isopropylbenzene	ND	vs	5.3	0.80	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
Methyl acetate	ND	vs	27	3.2	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
Methyl tert-butyl ether	ND	vs	5.3	0.52	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
Methylcyclohexane	ND	vs	5.3	0.81	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
Methylene Chloride	ND	vs	5.3	2.5	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
Styrene	ND	vs	5.3	0.27	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
Tetrachloroethene	ND	vs	5.3	0.72	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
Toluene	ND	vs	5.3	0.40	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
trans-1,2-Dichloroethene	ND	vs	5.3	0.55	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
trans-1,3-Dichloropropene	ND	vs	5.3	2.3	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
Trichloroethene	ND	vs	5.3	1.2	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
Trichlorofluoromethane	ND	vs	5.3	0.50	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
Vinyl chloride	ND	vs	5.3	0.65	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1
Xylenes, Total	ND	vs	11	0.90	ug/Kg	☼	07/18/17 10:13	07/18/17 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*71 - 125*	*07/18/17 10:13*	*07/18/17 18:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*64 - 126*	*07/18/17 10:13*	*07/18/17 18:33*	*1*
4-Bromofluorobenzene (Surr)	*120*		*72 - 126*	*07/18/17 10:13*	*07/18/17 18:33*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*07/18/17 10:13*	*07/18/17 18:33*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		180	26	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
bis (2-chloroisopropyl) ether	ND		180	36	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
2,4,5-Trichlorophenol	ND		180	48	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
2,4,6-Trichlorophenol	ND		180	36	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
2,4-Dichlorophenol	ND		180	19	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
2,4-Dimethylphenol	ND		180	43	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
2,4-Dinitrophenol	ND		1700	830	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
2,4-Dinitrotoluene	ND		180	37	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
2,6-Dinitrotoluene	ND		180	21	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
2-Chloronaphthalene	ND		180	29	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: MW2-8-12-20170712
Date Collected: 07/12/17 15:10
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-3
Matrix: Solid
Percent Solids: 93.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		180	33	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
2-Methylphenol	ND		180	21	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
2-Methylnaphthalene	ND		180	36	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
2-Nitroaniline	ND		350	26	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
2-Nitrophenol	ND		180	51	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
3,3'-Dichlorobenzidine	ND		350	210	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
3-Nitroaniline	ND		350	49	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
4,6-Dinitro-2-methylphenol	ND		350	180	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
4-Bromophenyl phenyl ether	ND		180	25	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
4-Chloro-3-methylphenol	ND		180	44	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
4-Chloroaniline	ND		180	44	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
4-Chlorophenyl phenyl ether	ND		180	22	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
4-Methylphenol	ND		350	21	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
4-Nitroaniline	ND		350	94	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
4-Nitrophenol	ND		350	130	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Acenaphthene	ND		180	26	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Acenaphthylene	ND		180	23	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Acetophenone	ND		180	24	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Anthracene	ND		180	44	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Atrazine	ND		180	62	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Benzaldehyde	ND		180	140	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Benzo[a]anthracene	ND		180	18	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Benzo[a]pyrene	ND		180	26	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Benzo[b]fluoranthene	ND		180	28	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Benzo[g,h,i]perylene	ND		180	19	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Benzo[k]fluoranthene	ND		180	23	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Bis(2-chloroethoxy)methane	ND		180	38	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Bis(2-chloroethyl)ether	ND		180	23	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Bis(2-ethylhexyl) phthalate	ND		180	61	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Butyl benzyl phthalate	ND		180	29	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Caprolactam	ND		180	54	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Carbazole	ND		180	21	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Chrysene	ND		180	40	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Dibenz(a,h)anthracene	ND		180	32	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Di-n-butyl phthalate	ND		180	31	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Di-n-octyl phthalate	ND		180	21	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Dibenzofuran	ND		180	21	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Diethyl phthalate	ND		180	23	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Dimethyl phthalate	ND		180	21	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Fluoranthene	ND		180	19	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Fluorene	ND		180	21	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Hexachlorobenzene	ND		180	24	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Hexachlorobutadiene	ND		180	26	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Hexachlorocyclopentadiene	ND		180	24	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Hexachloroethane	ND		180	23	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Indeno[1,2,3-cd]pyrene	ND		180	22	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Isophorone	ND		180	38	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
N-Nitrosodi-n-propylamine	ND		180	31	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
N-Nitrosodiphenylamine	ND		180	150	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: MW2-8-12-20170712
Date Collected: 07/12/17 15:10
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-3
Matrix: Solid
Percent Solids: 93.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		180	23	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Nitrobenzene	ND		180	20	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Pentachlorophenol	ND		350	180	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Phenanthrene	ND		180	26	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Phenol	ND		180	27	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1
Pyrene	ND		180	21	ug/Kg	☼	07/17/17 08:05	07/18/17 17:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*77*		*53 - 120*	*07/17/17 08:05*	*07/18/17 17:19*	*1*
Phenol-d5 (Surr)	*75*		*54 - 120*	*07/17/17 08:05*	*07/18/17 17:19*	*1*
p-Terphenyl-d14 (Surr)	*95*		*65 - 121*	*07/17/17 08:05*	*07/18/17 17:19*	*1*
2,4,6-Tribromophenol (Surr)	*82*		*54 - 120*	*07/17/17 08:05*	*07/18/17 17:19*	*1*
2-Fluorobiphenyl	*80*		*60 - 120*	*07/17/17 08:05*	*07/18/17 17:19*	*1*
2-Fluorophenol (Surr)	*75*		*52 - 120*	*07/17/17 08:05*	*07/18/17 17:19*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		1.7	0.34	ug/Kg	☼	07/18/17 07:31	07/21/17 19:02	1
4,4'-DDE	ND		1.7	0.37	ug/Kg	☼	07/18/17 07:31	07/21/17 19:02	1
4,4'-DDT	ND		1.7	0.41	ug/Kg	☼	07/18/17 07:31	07/21/17 19:02	1
Aldrin	ND		1.7	0.43	ug/Kg	☼	07/18/17 07:31	07/21/17 19:02	1
alpha-BHC	ND		1.7	0.31	ug/Kg	☼	07/18/17 07:31	07/21/17 19:02	1
alpha-Chlordane	ND		1.7	0.87	ug/Kg	☼	07/18/17 07:31	07/21/17 19:02	1
beta-BHC	ND		1.7	0.31	ug/Kg	☼	07/18/17 07:31	07/21/17 19:02	1
delta-BHC	ND		1.7	0.32	ug/Kg	☼	07/18/17 07:31	07/21/17 19:02	1
Dieldrin	ND		1.7	0.42	ug/Kg	☼	07/18/17 07:31	07/21/17 19:02	1
Endosulfan I	ND		1.7	0.33	ug/Kg	☼	07/18/17 07:31	07/21/17 19:02	1
Endosulfan II	ND		1.7	0.31	ug/Kg	☼	07/18/17 07:31	07/21/17 19:02	1
Endosulfan sulfate	ND		1.7	0.32	ug/Kg	☼	07/18/17 07:31	07/21/17 19:02	1
Endrin	ND		1.7	0.34	ug/Kg	☼	07/18/17 07:31	07/21/17 19:02	1
Endrin aldehyde	ND		1.7	0.45	ug/Kg	☼	07/18/17 07:31	07/21/17 19:02	1
Endrin ketone	ND		1.7	0.43	ug/Kg	☼	07/18/17 07:31	07/21/17 19:02	1
gamma-BHC (Lindane)	ND		1.7	0.32	ug/Kg	☼	07/18/17 07:31	07/21/17 19:02	1
gamma-Chlordane	ND		1.7	0.55	ug/Kg	☼	07/18/17 07:31	07/21/17 19:02	1
Heptachlor	ND		1.7	0.38	ug/Kg	☼	07/18/17 07:31	07/21/17 19:02	1
Heptachlor epoxide	ND		1.7	0.45	ug/Kg	☼	07/18/17 07:31	07/21/17 19:02	1
Methoxychlor	ND		1.7	0.36	ug/Kg	☼	07/18/17 07:31	07/21/17 19:02	1
Toxaphene	ND		17	10	ug/Kg	☼	07/18/17 07:31	07/21/17 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*92*		*45 - 120*	*07/18/17 07:31*	*07/21/17 19:02*	*1*
DCB Decachlorobiphenyl	*85*		*45 - 120*	*07/18/17 07:31*	*07/21/17 19:02*	*1*
Tetrachloro-m-xylene	*84*		*30 - 124*	*07/18/17 07:31*	*07/21/17 19:02*	*1*
Tetrachloro-m-xylene	*71*		*30 - 124*	*07/18/17 07:31*	*07/21/17 19:02*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**17300**		9.9	4.4	mg/Kg	☼	07/17/17 11:00	07/18/17 15:46	1
Antimony	ND		14.9	0.40	mg/Kg	☼	07/17/17 11:00	07/18/17 15:46	1
Arsenic	**7.1**		2.0	0.40	mg/Kg	☼	07/17/17 11:00	07/18/17 15:46	1

Client Sample ID: MW2-8-12-20170712

Lab Sample ID: 480-121130-3

Date Collected: 07/12/17 15:10
Matrix: Solid
Date Received: 07/15/17 01:45
Percent Solids: 93.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	185		0.50	0.11	mg/Kg	☼	07/17/17 11:00	07/18/17 15:46	1
Beryllium	1.1		0.20	0.028	mg/Kg	☼	07/17/17 11:00	07/18/17 15:46	1
Cadmium	0.16	J	0.20	0.030	mg/Kg	☼	07/17/17 11:00	07/18/17 15:46	1
Calcium	1240	B	49.7	3.3	mg/Kg	☼	07/17/17 11:00	07/18/17 15:46	1
Chromium	21.2		0.50	0.20	mg/Kg	☼	07/17/17 11:00	07/18/17 15:46	1
Cobalt	16.3		0.50	0.050	mg/Kg	☼	07/17/17 11:00	07/18/17 15:46	1
Copper	36.6		0.99	0.21	mg/Kg	☼	07/17/17 11:00	07/18/17 15:46	1
Iron	33200		9.9	3.5	mg/Kg	☼	07/17/17 11:00	07/18/17 15:46	1
Lead	16.3		0.99	0.24	mg/Kg	☼	07/17/17 11:00	07/18/17 15:46	1
Magnesium	5130		19.9	0.92	mg/Kg	☼	07/17/17 11:00	07/18/17 15:46	1
Manganese	1080		0.20	0.032	mg/Kg	☼	07/17/17 11:00	07/18/17 15:46	1
Nickel	29.1		5.0	0.23	mg/Kg	☼	07/17/17 11:00	07/18/17 15:46	1
Potassium	2380		29.8	19.9	mg/Kg	☼	07/17/17 11:00	07/18/17 15:46	1
Selenium	ND		4.0	0.40	mg/Kg	☼	07/17/17 11:00	07/18/17 15:46	1
Silver	ND		0.60	0.20	mg/Kg	☼	07/17/17 11:00	07/18/17 15:46	1
Sodium	92.2	J	139	12.9	mg/Kg	☼	07/17/17 11:00	07/18/17 15:46	1
Thallium	ND		6.0	0.30	mg/Kg	☼	07/17/17 11:00	07/18/17 15:46	1
Vanadium	19.1		0.50	0.11	mg/Kg	☼	07/17/17 11:00	07/18/17 15:46	1
Zinc	70.2		2.0	0.64	mg/Kg	☼	07/17/17 11:00	07/18/17 15:46	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.021	0.0087	mg/Kg	☼	07/17/17 09:45	07/17/17 12:21	1

Client Sample ID: SS4-0-2-20170712

Lab Sample ID: 480-121130-4

Date Collected: 07/12/17 14:00
Matrix: Solid
Date Received: 07/15/17 01:45
Percent Solids: 84.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.9	0.42	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
1,1,2,2-Tetrachloroethane	ND	vs	5.9	0.95	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
1,1,2-Trichloroethane	ND	vs	5.9	0.76	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.9	1.3	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
1,1-Dichloroethane	ND	vs	5.9	0.71	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
1,1-Dichloroethene	ND	vs	5.9	0.72	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
1,2,4-Trichlorobenzene	ND	vs	5.9	0.36	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.9	2.9	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
1,2-Dichlorobenzene	ND	vs	5.9	0.46	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
1,2-Dichloroethane	ND	vs	5.9	0.29	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
1,2-Dichloropropane	ND	vs	5.9	2.9	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
1,3-Dichlorobenzene	ND	vs	5.9	0.30	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
1,4-Dichlorobenzene	ND	vs	5.9	0.82	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
2-Butanone (MEK)	ND	* vs	29	2.1	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
2-Hexanone	ND	vs	29	2.9	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
Acetone	ND	vs	29	4.9	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
Benzene	ND	vs	5.9	0.29	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
Bromodichloromethane	ND	vs	5.9	0.78	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
Bromoform	ND	vs	5.9	2.9	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1

Client Sample ID: SS4-0-2-20170712
Date Collected: 07/12/17 14:00
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-4
Matrix: Solid
Percent Solids: 84.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND	vs	5.9	0.53	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
Carbon disulfide	ND	vs	5.9	2.9	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
Carbon tetrachloride	ND	vs	5.9	0.57	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
Chlorobenzene	ND	vs	5.9	0.77	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
Dibromochloromethane	ND	vs	5.9	0.75	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
Chloroethane	ND	vs	5.9	1.3	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
Chloroform	ND	vs	5.9	0.36	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
Chloromethane	ND	vs	5.9	0.35	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
cis-1,2-Dichloroethene	ND	vs	5.9	0.75	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
cis-1,3-Dichloropropene	ND	vs	5.9	0.84	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
Cyclohexane	ND	vs	5.9	0.82	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
Dichlorodifluoromethane	ND	vs	5.9	0.48	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
Ethylbenzene	ND	vs	5.9	0.40	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
1,2-Dibromoethane	ND	vs	5.9	0.75	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
Isopropylbenzene	ND	vs	5.9	0.88	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
Methyl acetate	ND	vs	29	3.5	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
Methyl tert-butyl ether	ND	vs	5.9	0.57	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
Methylcyclohexane	ND	vs	5.9	0.89	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
Methylene Chloride	ND	vs	5.9	2.7	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
Styrene	ND	vs	5.9	0.29	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
Tetrachloroethene	ND	vs	5.9	0.79	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
Toluene	ND	vs	5.9	0.44	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
trans-1,2-Dichloroethene	ND	vs	5.9	0.60	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
trans-1,3-Dichloropropene	ND	vs	5.9	2.6	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
Trichloroethene	ND	vs	5.9	1.3	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
Trichlorofluoromethane	ND	vs	5.9	0.55	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
Vinyl chloride	ND	vs	5.9	0.71	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1
Xylenes, Total	ND	vs	12	0.98	ug/Kg	☼	07/18/17 10:13	07/18/17 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*71 - 125*	*07/18/17 10:13*	*07/18/17 18:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*64 - 126*	*07/18/17 10:13*	*07/18/17 18:59*	*1*
4-Bromofluorobenzene (Surr)	*103*		*72 - 126*	*07/18/17 10:13*	*07/18/17 18:59*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*	*07/18/17 10:13*	*07/18/17 18:59*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		2000	290	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
bis (2-chloroisopropyl) ether	ND		2000	390	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
2,4,5-Trichlorophenol	ND		2000	530	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
2,4,6-Trichlorophenol	ND		2000	390	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
2,4-Dichlorophenol	ND		2000	210	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
2,4-Dimethylphenol	ND		2000	470	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
2,4-Dinitrophenol	ND		19000	9100	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
2,4-Dinitrotoluene	ND		2000	410	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
2,6-Dinitrotoluene	ND		2000	230	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
2-Chloronaphthalene	ND		2000	320	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
2-Chlorophenol	ND		2000	360	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
2-Methylphenol	ND		2000	230	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
2-Methylnaphthalene	ND		2000	390	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: SS4-0-2-20170712
Date Collected: 07/12/17 14:00
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-4
Matrix: Solid
Percent Solids: 84.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		3800	290	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
2-Nitrophenol	ND		2000	560	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
3,3'-Dichlorobenzidine	ND		3800	2300	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
3-Nitroaniline	ND		3800	540	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
4,6-Dinitro-2-methylphenol	ND		3800	2000	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
4-Bromophenyl phenyl ether	ND		2000	280	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
4-Chloro-3-methylphenol	ND		2000	490	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
4-Chloroaniline	ND		2000	490	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
4-Chlorophenyl phenyl ether	ND		2000	240	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
4-Methylphenol	ND		3800	230	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
4-Nitroaniline	ND		3800	1000	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
4-Nitrophenol	ND		3800	1400	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Acenaphthene	ND		2000	290	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Acenaphthylene	ND		2000	250	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Acetophenone	ND		2000	270	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Anthracene	ND		2000	490	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Atrazine	ND		2000	680	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Benzaldehyde	ND		2000	1600	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Benzo[a]anthracene	ND		2000	200	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Benzo[a]pyrene	ND		2000	290	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Benzo[b]fluoranthene	ND		2000	310	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Benzo[g,h,i]perylene	ND		2000	210	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Benzo[k]fluoranthene	ND		2000	250	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Bis(2-chloroethoxy)methane	ND		2000	420	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Bis(2-chloroethyl)ether	ND		2000	250	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Bis(2-ethylhexyl) phthalate	ND		2000	670	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Butyl benzyl phthalate	ND		2000	320	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Caprolactam	ND		2000	590	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Carbazole	ND		2000	230	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Chrysene	ND		2000	440	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Dibenz(a,h)anthracene	ND		2000	350	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Di-n-butyl phthalate	ND		2000	340	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Di-n-octyl phthalate	ND		2000	230	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Dibenzofuran	ND		2000	230	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Diethyl phthalate	ND		2000	250	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Dimethyl phthalate	ND		2000	230	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Fluoranthene	ND		2000	210	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Fluorene	ND		2000	230	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Hexachlorobenzene	ND		2000	270	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Hexachlorobutadiene	ND		2000	290	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Hexachlorocyclopentadiene	ND		2000	270	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Hexachloroethane	ND		2000	250	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Indeno[1,2,3-cd]pyrene	ND		2000	240	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Isophorone	ND		2000	420	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
N-Nitrosodi-n-propylamine	ND		2000	340	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
N-Nitrosodiphenylamine	ND		2000	1600	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Naphthalene	ND		2000	250	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Nitrobenzene	ND		2000	220	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Pentachlorophenol	ND		3800	2000	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10

Client Sample ID: SS4-0-2-20170712
Date Collected: 07/12/17 14:00
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-4
Matrix: Solid
Percent Solids: 84.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		2000	290	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Phenol	ND		2000	300	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10
Pyrene	ND		2000	230	ug/Kg	☼	07/17/17 08:05	07/18/17 17:46	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*64*		*53 - 120*	*07/17/17 08:05*	*07/18/17 17:46*	*10*
Phenol-d5 (Surr)	*58*		*54 - 120*	*07/17/17 08:05*	*07/18/17 17:46*	*10*
p-Terphenyl-d14 (Surr)	*73*		*65 - 121*	*07/17/17 08:05*	*07/18/17 17:46*	*10*
2,4,6-Tribromophenol (Surr)	*93*		*54 - 120*	*07/17/17 08:05*	*07/18/17 17:46*	*10*
2-Fluorobiphenyl	*72*		*60 - 120*	*07/17/17 08:05*	*07/18/17 17:46*	*10*
2-Fluorophenol (Surr)	*59*		*52 - 120*	*07/17/17 08:05*	*07/18/17 17:46*	*10*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		2.0	0.38	ug/Kg	☼	07/18/17 07:31	07/21/17 19:22	1
4,4'-DDE	**7.8**		2.0	0.41	ug/Kg	☼	07/18/17 07:31	07/21/17 19:22	1
4,4'-DDT	**7.3**		2.0	0.46	ug/Kg	☼	07/18/17 07:31	07/21/17 19:22	1
Aldrin	ND		2.0	0.48	ug/Kg	☼	07/18/17 07:31	07/21/17 19:22	1
alpha-BHC	**0.51**	**J B**	2.0	0.35	ug/Kg	☼	07/18/17 07:31	07/21/17 19:22	1
alpha-Chlordane	ND		2.0	0.97	ug/Kg	☼	07/18/17 07:31	07/21/17 19:22	1
beta-BHC	ND		2.0	0.35	ug/Kg	☼	07/18/17 07:31	07/21/17 19:22	1
delta-BHC	ND		2.0	0.36	ug/Kg	☼	07/18/17 07:31	07/21/17 19:22	1
Dieldrin	ND		2.0	0.47	ug/Kg	☼	07/18/17 07:31	07/21/17 19:22	1
Endosulfan I	ND		2.0	0.38	ug/Kg	☼	07/18/17 07:31	07/21/17 19:22	1
Endosulfan II	ND		2.0	0.35	ug/Kg	☼	07/18/17 07:31	07/21/17 19:22	1
Endosulfan sulfate	ND		2.0	0.36	ug/Kg	☼	07/18/17 07:31	07/21/17 19:22	1
Endrin	ND		2.0	0.39	ug/Kg	☼	07/18/17 07:31	07/21/17 19:22	1
Endrin aldehyde	ND		2.0	0.50	ug/Kg	☼	07/18/17 07:31	07/21/17 19:22	1
Endrin ketone	ND		2.0	0.48	ug/Kg	☼	07/18/17 07:31	07/21/17 19:22	1
gamma-BHC (Lindane)	ND		2.0	0.36	ug/Kg	☼	07/18/17 07:31	07/21/17 19:22	1
gamma-Chlordane	ND		2.0	0.62	ug/Kg	☼	07/18/17 07:31	07/21/17 19:22	1
Heptachlor	ND		2.0	0.42	ug/Kg	☼	07/18/17 07:31	07/21/17 19:22	1
Heptachlor epoxide	ND		2.0	0.50	ug/Kg	☼	07/18/17 07:31	07/21/17 19:22	1
Methoxychlor	ND		2.0	0.40	ug/Kg	☼	07/18/17 07:31	07/21/17 19:22	1
Toxaphene	ND		20	11	ug/Kg	☼	07/18/17 07:31	07/21/17 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*99*		*45 - 120*	*07/18/17 07:31*	*07/21/17 19:22*	*1*
DCB Decachlorobiphenyl	*114*		*45 - 120*	*07/18/17 07:31*	*07/21/17 19:22*	*1*
Tetrachloro-m-xylene	*80*		*30 - 124*	*07/18/17 07:31*	*07/21/17 19:22*	*1*
Tetrachloro-m-xylene	*83*		*30 - 124*	*07/18/17 07:31*	*07/21/17 19:22*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**18800**		22.5	9.9	mg/Kg	☼	07/17/17 11:00	07/19/17 14:48	2
Antimony	ND		16.9	0.45	mg/Kg	☼	07/17/17 11:00	07/18/17 15:50	1
Arsenic	**6.5**		2.3	0.45	mg/Kg	☼	07/17/17 11:00	07/18/17 15:50	1
Barium	**151**		1.1	0.25	mg/Kg	☼	07/17/17 11:00	07/19/17 14:48	2
Beryllium	**1.3**		0.45	0.063	mg/Kg	☼	07/17/17 11:00	07/19/17 14:48	2
Cadmium	**0.49**		0.23	0.034	mg/Kg	☼	07/17/17 11:00	07/18/17 15:50	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: SS4-0-2-20170712

Lab Sample ID: 480-121130-4
Date Collected: 07/12/17 14:00
Matrix: Solid
Date Received: 07/15/17 01:45
Percent Solids: 84.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	11400	B	113	7.4	mg/Kg	☼	07/17/17 11:00	07/19/17 14:48	2
Chromium	16.1		0.56	0.23	mg/Kg	☼	07/17/17 11:00	07/18/17 15:50	1
Cobalt	11.3		0.56	0.056	mg/Kg	☼	07/17/17 11:00	07/18/17 15:50	1
Copper	19.9		1.1	0.24	mg/Kg	☼	07/17/17 11:00	07/18/17 15:50	1
Iron	21200		22.5	7.9	mg/Kg	☼	07/17/17 11:00	07/19/17 14:48	2
Lead	335		1.1	0.27	mg/Kg	☼	07/17/17 11:00	07/18/17 15:50	1
Magnesium	2890		22.5	1.0	mg/Kg	☼	07/17/17 11:00	07/18/17 15:50	1
Manganese	593		0.23	0.036	mg/Kg	☼	07/17/17 11:00	07/18/17 15:50	1
Nickel	19.8		5.6	0.26	mg/Kg	☼	07/17/17 11:00	07/18/17 15:50	1
Potassium	2210		67.6	45.0	mg/Kg	☼	07/17/17 11:00	07/19/17 14:48	2
Selenium	ND		4.5	0.45	mg/Kg	☼	07/17/17 11:00	07/18/17 15:50	1
Silver	ND		0.68	0.23	mg/Kg	☼	07/17/17 11:00	07/18/17 15:50	1
Sodium	412		315	29.3	mg/Kg	☼	07/17/17 11:00	07/19/17 14:48	2
Thallium	ND		6.8	0.34	mg/Kg	☼	07/17/17 11:00	07/18/17 15:50	1
Vanadium	16.0		0.56	0.12	mg/Kg	☼	07/17/17 11:00	07/18/17 15:50	1
Zinc	171		2.3	0.72	mg/Kg	☼	07/17/17 11:00	07/18/17 15:50	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.070		0.024	0.0098	mg/Kg	☼	07/17/17 09:45	07/17/17 12:23	1

Client Sample ID: DUPE-20170712

Lab Sample ID: 480-121130-5
Date Collected: 07/12/17 14:00
Matrix: Solid
Date Received: 07/15/17 01:45
Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.0	0.44	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
1,1,2,2-Tetrachloroethane	ND	vs	6.0	0.98	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
1,1,2-Trichloroethane	ND	vs	6.0	0.78	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.0	1.4	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
1,1-Dichloroethane	ND	vs	6.0	0.73	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
1,1-Dichloroethene	ND	vs	6.0	0.74	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
1,2,4-Trichlorobenzene	ND	vs	6.0	0.37	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.0	3.0	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
1,2-Dichlorobenzene	ND	vs	6.0	0.47	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
1,2-Dichloroethane	ND	vs	6.0	0.30	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
1,2-Dichloropropane	ND	vs	6.0	3.0	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
1,3-Dichlorobenzene	ND	vs	6.0	0.31	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
1,4-Dichlorobenzene	ND	vs	6.0	0.84	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
2-Butanone (MEK)	ND	* vs	30	2.2	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
2-Hexanone	ND	vs	30	3.0	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
4-Methyl-2-pentanone (MIBK)	ND	vs	30	2.0	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
Acetone	ND	vs	30	5.1	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
Benzene	ND	vs	6.0	0.30	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
Bromodichloromethane	ND	vs	6.0	0.81	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
Bromoform	ND	vs	6.0	3.0	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
Bromomethane	ND	vs	6.0	0.54	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
Carbon disulfide	ND	vs	6.0	3.0	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
Carbon tetrachloride	ND	vs	6.0	0.58	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: DUPE-20170712
Date Collected: 07/12/17 14:00
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-5
Matrix: Solid
Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND	vs	6.0	0.80	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
Dibromochloromethane	ND	vs	6.0	0.77	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
Chloroethane	ND	vs	6.0	1.4	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
Chloroform	ND	vs	6.0	0.37	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
Chloromethane	ND	vs	6.0	0.36	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
cis-1,2-Dichloroethene	ND	vs	6.0	0.77	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
cis-1,3-Dichloropropene	ND	vs	6.0	0.87	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
Cyclohexane	ND	vs	6.0	0.84	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
Dichlorodifluoromethane	ND	vs	6.0	0.50	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
Ethylbenzene	ND	vs	6.0	0.42	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
1,2-Dibromoethane	ND	vs	6.0	0.77	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
Isopropylbenzene	ND	vs	6.0	0.91	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
Methyl acetate	ND	vs	30	3.6	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
Methyl tert-butyl ether	ND	vs	6.0	0.59	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
Methylcyclohexane	ND	vs	6.0	0.92	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
Methylene Chloride	ND	vs	6.0	2.8	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
Styrene	ND	vs	6.0	0.30	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
Tetrachloroethene	ND	vs	6.0	0.81	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
Toluene	ND	vs	6.0	0.46	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
trans-1,2-Dichloroethene	ND	vs	6.0	0.62	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
trans-1,3-Dichloropropene	ND	vs	6.0	2.7	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
Trichloroethene	ND	vs	6.0	1.3	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
Trichlorofluoromethane	ND	vs	6.0	0.57	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
Vinyl chloride	ND	vs	6.0	0.73	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1
Xylenes, Total	ND	vs	12	1.0	ug/Kg	☼	07/18/17 10:13	07/18/17 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*71 - 125*	*07/18/17 10:13*	*07/18/17 19:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*64 - 126*	*07/18/17 10:13*	*07/18/17 19:24*	*1*
4-Bromofluorobenzene (Surr)	*106*		*72 - 126*	*07/18/17 10:13*	*07/18/17 19:24*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*07/18/17 10:13*	*07/18/17 19:24*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		2000	300	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
bis (2-chloroisopropyl) ether	ND		2000	410	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
2,4,5-Trichlorophenol	ND		2000	550	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
2,4,6-Trichlorophenol	ND		2000	410	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
2,4-Dichlorophenol	ND		2000	220	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
2,4-Dimethylphenol	ND		2000	490	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
2,4-Dinitrophenol	ND		20000	9400	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
2,4-Dinitrotoluene	ND		2000	420	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
2,6-Dinitrotoluene	ND		2000	240	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
2-Chloronaphthalene	ND		2000	340	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
2-Chlorophenol	ND		2000	370	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
2-Methylphenol	ND		2000	240	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
2-Methylnaphthalene	ND		2000	410	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
2-Nitroaniline	ND		4000	300	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
2-Nitrophenol	ND		2000	580	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
3,3'-Dichlorobenzidine	ND		4000	2400	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: DUPE-20170712
Date Collected: 07/12/17 14:00
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-5
Matrix: Solid
Percent Solids: 83.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	ND		4000	560	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
4,6-Dinitro-2-methylphenol	ND		4000	2000	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
4-Bromophenyl phenyl ether	ND		2000	290	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
4-Chloro-3-methylphenol	ND		2000	500	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
4-Chloroaniline	ND		2000	500	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
4-Chlorophenyl phenyl ether	ND		2000	250	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
4-Methylphenol	ND		4000	240	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
4-Nitroaniline	ND		4000	1100	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
4-Nitrophenol	ND		4000	1400	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Acenaphthene	ND		2000	300	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Acenaphthylene	ND		2000	260	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Acetophenone	ND		2000	280	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Anthracene	ND		2000	500	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Atrazine	ND		2000	710	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Benzaldehyde	ND		2000	1600	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Benzo[a]anthracene	ND		2000	200	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Benzo[a]pyrene	ND		2000	300	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Benzo[b]fluoranthene	ND		2000	320	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Benzo[g,h,i]perylene	ND		2000	220	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Benzo[k]fluoranthene	ND		2000	260	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Bis(2-chloroethoxy)methane	ND		2000	430	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Bis(2-chloroethyl)ether	ND		2000	260	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Bis(2-ethylhexyl) phthalate	ND		2000	700	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Butyl benzyl phthalate	ND		2000	340	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Caprolactam	ND		2000	610	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Carbazole	ND		2000	240	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Chrysene	ND		2000	460	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Dibenz(a,h)anthracene	ND		2000	360	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Di-n-butyl phthalate	ND		2000	350	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Di-n-octyl phthalate	ND		2000	240	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Dibenzofuran	ND		2000	240	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Diethyl phthalate	ND		2000	260	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Dimethyl phthalate	ND		2000	240	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Fluoranthene	ND		2000	220	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Fluorene	ND		2000	240	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Hexachlorobenzene	ND		2000	280	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Hexachlorobutadiene	ND		2000	300	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Hexachlorocyclopentadiene	ND		2000	280	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Hexachloroethane	ND		2000	260	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Indeno[1,2,3-cd]pyrene	ND		2000	250	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Isophorone	ND		2000	430	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
N-Nitrosodi-n-propylamine	ND		2000	350	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
N-Nitrosodiphenylamine	ND		2000	1700	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Naphthalene	ND		2000	260	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Nitrobenzene	ND		2000	230	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Pentachlorophenol	ND		4000	2000	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Phenanthrene	ND		2000	300	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Phenol	ND		2000	310	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10
Pyrene	ND		2000	240	ug/Kg	☼	07/17/17 08:05	07/18/17 18:13	10

Client Sample ID: DUPE-20170712
Date Collected: 07/12/17 14:00
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-5
Matrix: Solid
Percent Solids: 83.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	73		53 - 120	07/17/17 08:05	07/18/17 18:13	10
Phenol-d5 (Surr)	66		54 - 120	07/17/17 08:05	07/18/17 18:13	10
p-Terphenyl-d14 (Surr)	87		65 - 121	07/17/17 08:05	07/18/17 18:13	10
2,4,6-Tribromophenol (Surr)	104		54 - 120	07/17/17 08:05	07/18/17 18:13	10
2-Fluorobiphenyl	84		60 - 120	07/17/17 08:05	07/18/17 18:13	10
2-Fluorophenol (Surr)	66		52 - 120	07/17/17 08:05	07/18/17 18:13	10

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		2.0	0.39	ug/Kg	☼	07/18/17 07:31	07/21/17 19:42	1
4,4'-DDE	**6.9**		2.0	0.42	ug/Kg	☼	07/18/17 07:31	07/21/17 19:42	1
4,4'-DDT	**6.0**		2.0	0.46	ug/Kg	☼	07/18/17 07:31	07/21/17 19:42	1
Aldrin	ND		2.0	0.49	ug/Kg	☼	07/18/17 07:31	07/21/17 19:42	1
alpha-BHC	**0.49**	**J B**	2.0	0.36	ug/Kg	☼	07/18/17 07:31	07/21/17 19:42	1
alpha-Chlordane	ND		2.0	0.99	ug/Kg	☼	07/18/17 07:31	07/21/17 19:42	1
beta-BHC	ND		2.0	0.36	ug/Kg	☼	07/18/17 07:31	07/21/17 19:42	1
delta-BHC	ND		2.0	0.37	ug/Kg	☼	07/18/17 07:31	07/21/17 19:42	1
Dieldrin	ND		2.0	0.48	ug/Kg	☼	07/18/17 07:31	07/21/17 19:42	1
Endosulfan I	ND		2.0	0.38	ug/Kg	☼	07/18/17 07:31	07/21/17 19:42	1
Endosulfan II	ND		2.0	0.36	ug/Kg	☼	07/18/17 07:31	07/21/17 19:42	1
Endosulfan sulfate	ND		2.0	0.37	ug/Kg	☼	07/18/17 07:31	07/21/17 19:42	1
Endrin	ND		2.0	0.39	ug/Kg	☼	07/18/17 07:31	07/21/17 19:42	1
Endrin aldehyde	ND		2.0	0.51	ug/Kg	☼	07/18/17 07:31	07/21/17 19:42	1
Endrin ketone	ND		2.0	0.49	ug/Kg	☼	07/18/17 07:31	07/21/17 19:42	1
gamma-BHC (Lindane)	ND		2.0	0.36	ug/Kg	☼	07/18/17 07:31	07/21/17 19:42	1
gamma-Chlordane	ND		2.0	0.63	ug/Kg	☼	07/18/17 07:31	07/21/17 19:42	1
Heptachlor	ND		2.0	0.43	ug/Kg	☼	07/18/17 07:31	07/21/17 19:42	1
Heptachlor epoxide	ND		2.0	0.51	ug/Kg	☼	07/18/17 07:31	07/21/17 19:42	1
Methoxychlor	ND		2.0	0.41	ug/Kg	☼	07/18/17 07:31	07/21/17 19:42	1
Toxaphene	ND		20	12	ug/Kg	☼	07/18/17 07:31	07/21/17 19:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	76		45 - 120	07/18/17 07:31	07/21/17 19:42	1
DCB Decachlorobiphenyl	83		45 - 120	07/18/17 07:31	07/21/17 19:42	1
Tetrachloro-m-xylene	63		30 - 124	07/18/17 07:31	07/21/17 19:42	1
Tetrachloro-m-xylene	65		30 - 124	07/18/17 07:31	07/21/17 19:42	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**27700**		64.0	28.2	mg/Kg	☼	07/17/17 11:00	07/19/17 11:37	5
Antimony	ND		96.0	2.6	mg/Kg	☼	07/17/17 11:00	07/19/17 11:37	5
Arsenic	**29.0**		12.8	2.6	mg/Kg	☼	07/17/17 11:00	07/19/17 11:37	5
Barium	**303**		3.2	0.70	mg/Kg	☼	07/17/17 11:00	07/19/17 11:37	5
Beryllium	**3.6**		1.3	0.18	mg/Kg	☼	07/17/17 11:00	07/19/17 11:37	5
Cadmium	**0.81**	**J**	1.3	0.19	mg/Kg	☼	07/17/17 11:00	07/19/17 11:37	5
Calcium	**43300**	**B**	320	21.1	mg/Kg	☼	07/17/17 11:00	07/19/17 11:37	5
Chromium	**19.4**		3.2	1.3	mg/Kg	☼	07/17/17 11:00	07/19/17 11:37	5
Cobalt	**9.8**		0.64	0.064	mg/Kg	☼	07/17/17 11:00	07/18/17 15:54	1
Copper	**32.1**		6.4	1.3	mg/Kg	☼	07/17/17 11:00	07/19/17 11:37	5
Iron	**20200**		64.0	22.4	mg/Kg	☼	07/17/17 11:00	07/19/17 11:37	5
Lead	**235**		1.3	0.31	mg/Kg	☼	07/17/17 11:00	07/18/17 15:54	1

Client Sample ID: DUPE-20170712

Lab Sample ID: 480-121130-5
Date Collected: 07/12/17 14:00
Matrix: Solid
Date Received: 07/15/17 01:45
Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	**6880**		128	5.9	mg/Kg	☼	07/17/17 11:00	07/19/17 11:37	5
Manganese	**2040**		1.3	0.20	mg/Kg	☼	07/17/17 11:00	07/19/17 11:37	5
Nickel	**15.2**		6.4	0.29	mg/Kg	☼	07/17/17 11:00	07/18/17 15:54	1
Potassium	**2150**		192	128	mg/Kg	☼	07/17/17 11:00	07/19/17 11:37	5
Selenium	ND		25.6	2.6	mg/Kg	☼	07/17/17 11:00	07/19/17 11:37	5
Silver	ND		3.8	1.3	mg/Kg	☼	07/17/17 11:00	07/19/17 11:37	5
Sodium	**937**		896	83.2	mg/Kg	☼	07/17/17 11:00	07/19/17 11:37	5
Thallium	ND		7.7	0.38	mg/Kg	☼	07/17/17 11:00	07/18/17 15:54	1
Vanadium	**18.0**		3.2	0.70	mg/Kg	☼	07/17/17 11:00	07/19/17 11:37	5
Zinc	**205**		12.8	4.1	mg/Kg	☼	07/17/17 11:00	07/19/17 11:37	5

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.087**		0.024	0.0097	mg/Kg	☼	07/17/17 09:45	07/17/17 12:24	1

Client Sample ID: SS3-0-2-20170713

Lab Sample ID: 480-121130-6
Date Collected: 07/13/17 07:30
Matrix: Solid
Date Received: 07/15/17 01:45
Percent Solids: 75.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.6	0.48	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
1,1,2,2-Tetrachloroethane	ND	F1 vs	6.6	1.1	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
1,1,2-Trichloroethane	ND	F1 vs	6.6	0.85	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.6	1.5	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
1,1-Dichloroethane	ND	vs	6.6	0.80	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
1,1-Dichloroethene	ND	vs	6.6	0.80	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
1,2,4-Trichlorobenzene	ND	F1 vs	6.6	0.40	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
1,2-Dibromo-3-Chloropropane	ND	F1 vs	6.6	3.3	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
1,2-Dichlorobenzene	ND	F1 vs	6.6	0.51	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
1,2-Dichloroethane	ND	F1 vs	6.6	0.33	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
1,2-Dichloropropane	ND	vs	6.6	3.3	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
1,3-Dichlorobenzene	ND	F1 vs	6.6	0.34	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
1,4-Dichlorobenzene	ND	F1 vs	6.6	0.92	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
2-Butanone (MEK)	ND	F1 * vs	33	2.4	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
2-Hexanone	ND	F1 vs	33	3.3	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
4-Methyl-2-pentanone (MIBK)	ND	F1 vs	33	2.2	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
Acetone	ND	F1 vs	33	5.5	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
Benzene	ND	vs	6.6	0.32	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
Bromodichloromethane	ND	F1 vs	6.6	0.88	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
Bromoform	ND	F1 vs	6.6	3.3	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
Bromomethane	ND	vs	6.6	0.59	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
Carbon disulfide	ND	vs	6.6	3.3	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
Carbon tetrachloride	ND	vs	6.6	0.64	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
Chlorobenzene	ND	vs	6.6	0.87	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
Dibromochloromethane	ND	vs	6.6	0.84	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
Chloroethane	ND	vs	6.6	1.5	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
Chloroform	ND	F1 vs	6.6	0.41	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
Chloromethane	ND	F1 vs	6.6	0.40	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
cis-1,2-Dichloroethene	ND	vs	6.6	0.84	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: SS3-0-2-20170713
Date Collected: 07/13/17 07:30
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-6
Matrix: Solid
Percent Solids: 75.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND	F1 vs	6.6	0.95	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
Cyclohexane	ND	vs	6.6	0.92	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
Dichlorodifluoromethane	ND	vs	6.6	0.54	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
Ethylbenzene	ND	vs	6.6	0.45	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
1,2-Dibromoethane	ND	F1 vs	6.6	0.84	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
Isopropylbenzene	ND	vs	6.6	0.99	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
Methyl acetate	ND	F1 vs	33	4.0	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
Methyl tert-butyl ether	ND	vs	6.6	0.64	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
Methylcyclohexane	ND	vs	6.6	1.0	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
Methylene Chloride	ND	vs	6.6	3.0	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
Styrene	ND	F1 vs	6.6	0.33	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
Tetrachloroethene	ND	vs	6.6	0.88	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
Toluene	ND	vs	6.6	0.50	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
trans-1,2-Dichloroethene	ND	vs	6.6	0.68	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
trans-1,3-Dichloropropene	ND	F1 vs	6.6	2.9	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
Trichloroethene	ND	F1 vs	6.6	1.4	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
Trichlorofluoromethane	ND	vs	6.6	0.62	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
Vinyl chloride	ND	vs	6.6	0.80	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1
Xylenes, Total	ND	vs	13	1.1	ug/Kg	☼	07/18/17 10:13	07/18/17 19:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*104*		*71 - 125*	*07/18/17 10:13*	*07/18/17 19:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*64 - 126*	*07/18/17 10:13*	*07/18/17 19:50*	*1*
4-Bromofluorobenzene (Surr)	*102*		*72 - 126*	*07/18/17 10:13*	*07/18/17 19:50*	*1*
Dibromofluoromethane (Surr)	*100*		*60 - 140*	*07/18/17 10:13*	*07/18/17 19:50*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1100	160	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
bis (2-chloroisopropyl) ether	ND		1100	220	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
2,4,5-Trichlorophenol	ND		1100	300	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
2,4,6-Trichlorophenol	ND		1100	220	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
2,4-Dichlorophenol	ND		1100	120	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
2,4-Dimethylphenol	ND		1100	270	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
2,4-Dinitrophenol	ND		11000	5200	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
2,4-Dinitrotoluene	ND		1100	230	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
2,6-Dinitrotoluene	ND		1100	130	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
2-Chloronaphthalene	ND		1100	180	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
2-Chlorophenol	ND		1100	200	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
2-Methylphenol	ND		1100	130	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
2-Methylnaphthalene	ND		1100	220	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
2-Nitroaniline	ND		2200	160	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
2-Nitrophenol	ND		1100	320	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
3,3'-Dichlorobenzidine	ND		2200	1300	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
3-Nitroaniline	ND		2200	310	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
4,6-Dinitro-2-methylphenol	ND		2200	1100	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
4-Bromophenyl phenyl ether	ND		1100	160	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
4-Chloro-3-methylphenol	ND		1100	280	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
4-Chloroaniline	ND		1100	280	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
4-Chlorophenyl phenyl ether	ND		1100	140	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: SS3-0-2-20170713
Date Collected: 07/13/17 07:30
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-6
Matrix: Solid
Percent Solids: 75.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methylphenol	ND		2200	130	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
4-Nitroaniline	ND		2200	590	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
4-Nitrophenol	ND		2200	780	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Acenaphthene	ND		1100	160	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Acenaphthylene	ND		1100	140	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Acetophenone	ND		1100	150	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Anthracene	ND		1100	280	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Atrazine	ND		1100	390	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Benzaldehyde	ND		1100	890	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Benzo[a]anthracene	ND		1100	110	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Benzo[a]pyrene	ND		1100	160	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Benzo[b]fluoranthene	ND		1100	180	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Benzo[g,h,i]perylene	ND		1100	120	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Benzo[k]fluoranthene	ND		1100	140	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Bis(2-chloroethoxy)methane	ND		1100	240	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Bis(2-chloroethyl)ether	ND		1100	140	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Bis(2-ethylhexyl) phthalate	ND		1100	380	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Butyl benzyl phthalate	ND		1100	180	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Caprolactam	ND		1100	340	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Carbazole	ND		1100	130	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Chrysene	ND		1100	250	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Dibenz(a,h)anthracene	ND		1100	200	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Di-n-butyl phthalate	ND		1100	190	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Di-n-octyl phthalate	ND		1100	130	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Dibenzofuran	ND		1100	130	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Diethyl phthalate	ND		1100	140	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Dimethyl phthalate	ND		1100	130	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Fluoranthene	ND		1100	120	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Fluorene	ND		1100	130	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Hexachlorobenzene	ND		1100	150	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Hexachlorobutadiene	ND		1100	160	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Hexachlorocyclopentadiene	ND		1100	150	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Hexachloroethane	ND		1100	140	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Indeno[1,2,3-cd]pyrene	ND		1100	140	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Isophorone	ND		1100	240	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
N-Nitrosodi-n-propylamine	ND		1100	190	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
N-Nitrosodiphenylamine	ND		1100	910	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Naphthalene	ND		1100	140	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Nitrobenzene	ND		1100	130	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Pentachlorophenol	ND		2200	1100	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Phenanthrene	ND		1100	160	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Phenol	ND		1100	170	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5
Pyrene	ND		1100	130	ug/Kg	☼	07/17/17 08:05	07/18/17 16:01	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*77*		*53 - 120*	*07/17/17 08:05*	*07/18/17 16:01*	*5*
Phenol-d5 (Surr)	*73*		*54 - 120*	*07/17/17 08:05*	*07/18/17 16:01*	*5*
p-Terphenyl-d14 (Surr)	*87*		*65 - 121*	*07/17/17 08:05*	*07/18/17 16:01*	*5*
2,4,6-Tribromophenol (Surr)	*90*		*54 - 120*	*07/17/17 08:05*	*07/18/17 16:01*	*5*
2-Fluorobiphenyl	*87*		*60 - 120*	*07/17/17 08:05*	*07/18/17 16:01*	*5*

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: SS3-0-2-20170713
Date Collected: 07/13/17 07:30
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-6
Matrix: Solid
Percent Solids: 75.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	74		52 - 120	07/17/17 08:05	07/18/17 16:01	5

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		2.1	0.42	ug/Kg	☼	07/18/17 07:31	07/21/17 18:04	1
4,4'-DDE	**1.9**	**J**	2.1	0.45	ug/Kg	☼	07/18/17 07:31	07/21/17 18:04	1
4,4'-DDT	**4.9**		2.1	0.50	ug/Kg	☼	07/18/17 07:31	07/21/17 18:04	1
Aldrin	ND		2.1	0.53	ug/Kg	☼	07/18/17 07:31	07/21/17 18:04	1
alpha-BHC	**0.58**	**J B**	2.1	0.39	ug/Kg	☼	07/18/17 07:31	07/21/17 18:04	1
alpha-Chlordane	ND		2.1	1.1	ug/Kg	☼	07/18/17 07:31	07/21/17 18:04	1
beta-BHC	ND		2.1	0.39	ug/Kg	☼	07/18/17 07:31	07/21/17 18:04	1
delta-BHC	ND		2.1	0.40	ug/Kg	☼	07/18/17 07:31	07/21/17 18:04	1
Dieldrin	ND		2.1	0.51	ug/Kg	☼	07/18/17 07:31	07/21/17 18:04	1
Endosulfan I	ND		2.1	0.41	ug/Kg	☼	07/18/17 07:31	07/21/17 18:04	1
Endosulfan II	ND		2.1	0.39	ug/Kg	☼	07/18/17 07:31	07/21/17 18:04	1
Endosulfan sulfate	**1.2**	**J**	2.1	0.40	ug/Kg	☼	07/18/17 07:31	07/21/17 18:04	1
Endrin	ND		2.1	0.42	ug/Kg	☼	07/18/17 07:31	07/21/17 18:04	1
Endrin aldehyde	ND		2.1	0.55	ug/Kg	☼	07/18/17 07:31	07/21/17 18:04	1
Endrin ketone	ND		2.1	0.53	ug/Kg	☼	07/18/17 07:31	07/21/17 18:04	1
gamma-BHC (Lindane)	**0.41**	**J B**	2.1	0.39	ug/Kg	☼	07/18/17 07:31	07/21/17 18:04	1
gamma-Chlordane	ND		2.1	0.68	ug/Kg	☼	07/18/17 07:31	07/21/17 18:04	1
Heptachlor	ND		2.1	0.46	ug/Kg	☼	07/18/17 07:31	07/21/17 18:04	1
Heptachlor epoxide	ND		2.1	0.55	ug/Kg	☼	07/18/17 07:31	07/21/17 18:04	1
Methoxychlor	ND		2.1	0.44	ug/Kg	☼	07/18/17 07:31	07/21/17 18:04	1
Toxaphene	ND		21	12	ug/Kg	☼	07/18/17 07:31	07/21/17 18:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	91		45 - 120	07/18/17 07:31	07/21/17 18:04	1
DCB Decachlorobiphenyl	89		45 - 120	07/18/17 07:31	07/21/17 18:04	1
Tetrachloro-m-xylene	74		30 - 124	07/18/17 07:31	07/21/17 18:04	1
Tetrachloro-m-xylene	72		30 - 124	07/18/17 07:31	07/21/17 18:04	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**18600**	**F2**	14.1	6.2	mg/Kg	☼	07/17/17 11:00	07/18/17 15:57	1
Antimony	ND	F1	21.1	0.56	mg/Kg	☼	07/17/17 11:00	07/18/17 15:57	1
Arsenic	**6.8**	**F1 F2**	2.8	0.56	mg/Kg	☼	07/17/17 11:00	07/18/17 15:57	1
Barium	**135**	**F1 F2**	0.70	0.15	mg/Kg	☼	07/17/17 11:00	07/18/17 15:57	1
Beryllium	**1.1**	**F1 F2**	0.28	0.039	mg/Kg	☼	07/17/17 11:00	07/18/17 15:57	1
Cadmium	**0.46**	**F1 F2**	0.28	0.042	mg/Kg	☼	07/17/17 11:00	07/18/17 15:57	1
Calcium	**6670**	**B F1 F2**	70.4	4.6	mg/Kg	☼	07/17/17 11:00	07/18/17 15:57	1
Chromium	**15.9**	**F1 F2**	0.70	0.28	mg/Kg	☼	07/17/17 11:00	07/18/17 15:57	1
Cobalt	**10.0**		0.70	0.070	mg/Kg	☼	07/17/17 11:00	07/18/17 15:57	1
Copper	**15.3**	**F1 F2**	1.4	0.30	mg/Kg	☼	07/17/17 11:00	07/18/17 15:57	1
Iron	**18900**	**F2**	14.1	4.9	mg/Kg	☼	07/17/17 11:00	07/18/17 15:57	1
Lead	**134**	**F1 F2**	1.4	0.34	mg/Kg	☼	07/17/17 11:00	07/18/17 15:57	1
Magnesium	**2850**	**F1 F2**	28.2	1.3	mg/Kg	☼	07/17/17 11:00	07/18/17 15:57	1
Manganese	**656**		0.28	0.045	mg/Kg	☼	07/17/17 11:00	07/18/17 15:57	1
Nickel	**18.6**	**F1**	7.0	0.32	mg/Kg	☼	07/17/17 11:00	07/18/17 15:57	1
Potassium	**1790**	**F1 F2**	42.2	28.2	mg/Kg	☼	07/17/17 11:00	07/18/17 15:57	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: SS3-0-2-20170713

Lab Sample ID: 480-121130-6
Date Collected: 07/13/17 07:30
Matrix: Solid
Date Received: 07/15/17 01:45
Percent Solids: 75.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND	F1 F2	5.6	0.56	mg/Kg	☼	07/17/17 11:00	07/18/17 15:57	1
Silver	ND	F1 F2	0.84	0.28	mg/Kg	☼	07/17/17 11:00	07/18/17 15:57	1
Sodium	**264**	**F1**	197	18.3	mg/Kg	☼	07/17/17 11:00	07/18/17 15:57	1
Thallium	ND		8.4	0.42	mg/Kg	☼	07/17/17 11:00	07/18/17 15:57	1
Vanadium	**20.6**	**F1 F2**	0.70	0.15	mg/Kg	☼	07/17/17 11:00	07/18/17 15:57	1
Zinc	**120**	**F1**	2.8	0.90	mg/Kg	☼	07/17/17 11:00	07/18/17 15:57	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.071**		0.026	0.010	mg/Kg	☼	07/17/17 09:45	07/17/17 12:26	1

Client Sample ID: MW4-4-8-20170713

Lab Sample ID: 480-121130-7
Date Collected: 07/13/17 09:00
Matrix: Solid
Date Received: 07/15/17 01:45
Percent Solids: 88.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.6	0.40	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
1,1,2,2-Tetrachloroethane	ND	vs	5.6	0.90	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
1,1,2-Trichloroethane	ND	vs	5.6	0.72	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.6	1.3	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
1,1-Dichloroethane	ND	vs	5.6	0.68	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
1,1-Dichloroethene	ND	vs	5.6	0.68	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
1,2,4-Trichlorobenzene	ND	vs	5.6	0.34	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.6	2.8	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
1,2-Dichlorobenzene	ND	vs	5.6	0.44	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
1,2-Dichloroethane	ND	vs	5.6	0.28	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
1,2-Dichloropropane	ND	vs	5.6	2.8	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
1,3-Dichlorobenzene	ND	vs	5.6	0.29	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
1,4-Dichlorobenzene	ND	vs	5.6	0.78	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
2-Butanone (MEK)	ND	vs	28	2.0	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
2-Hexanone	ND	vs	28	2.8	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
4-Methyl-2-pentanone (MIBK)	ND	vs	28	1.8	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
Acetone	ND	vs	28	4.7	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
Benzene	ND	vs	5.6	0.27	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
Bromodichloromethane	ND	vs	5.6	0.75	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
Bromoform	ND	vs	5.6	2.8	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
Bromomethane	ND	* vs	5.6	0.50	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
Carbon disulfide	ND	vs	5.6	2.8	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
Carbon tetrachloride	ND	vs	5.6	0.54	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
Chlorobenzene	ND	vs	5.6	0.74	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
Dibromochloromethane	ND	vs	5.6	0.71	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
Chloroethane	ND	* vs	5.6	1.3	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
Chloroform	ND	vs	5.6	0.34	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
Chloromethane	ND	vs	5.6	0.34	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
cis-1,2-Dichloroethene	ND	vs	5.6	0.71	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
cis-1,3-Dichloropropene	ND	vs	5.6	0.80	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
Cyclohexane	ND	vs	5.6	0.78	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
Dichlorodifluoromethane	ND	vs	5.6	0.46	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
Ethylbenzene	ND	vs	5.6	0.38	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: MW4-4-8-20170713
Date Collected: 07/13/17 09:00
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-7
Matrix: Solid
Percent Solids: 88.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND	vs	5.6	0.72	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
Isopropylbenzene	ND	vs	5.6	0.84	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
Methyl acetate	ND	vs	28	3.4	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
Methyl tert-butyl ether	ND	vs	5.6	0.55	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
Methylcyclohexane	ND	vs	5.6	0.85	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
Methylene Chloride	ND	vs	5.6	2.6	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
Styrene	ND	vs	5.6	0.28	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
Tetrachloroethene	ND	vs	5.6	0.75	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
Toluene	ND	vs	5.6	0.42	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
trans-1,2-Dichloroethene	ND	vs	5.6	0.57	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
trans-1,3-Dichloropropene	ND	vs	5.6	2.5	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
Trichloroethene	ND	vs	5.6	1.2	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
Trichlorofluoromethane	ND	vs	5.6	0.53	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
Vinyl chloride	ND	vs	5.6	0.68	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1
Xylenes, Total	ND	vs	11	0.94	ug/Kg	☼	07/22/17 08:17	07/22/17 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*71 - 125*	*07/22/17 08:17*	*07/22/17 18:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*64 - 126*	*07/22/17 08:17*	*07/22/17 18:12*	*1*
4-Bromofluorobenzene (Surr)	*97*		*72 - 126*	*07/22/17 08:17*	*07/22/17 18:12*	*1*
Dibromofluoromethane (Surr)	*96*		*60 - 140*	*07/22/17 08:17*	*07/22/17 18:12*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		190	28	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
bis (2-chloroisopropyl) ether	ND		190	38	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
2,4,5-Trichlorophenol	ND		190	51	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
2,4,6-Trichlorophenol	ND		190	38	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
2,4-Dichlorophenol	ND		190	20	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
2,4-Dimethylphenol	ND		190	45	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
2,4-Dinitrophenol	ND		1800	870	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
2,4-Dinitrotoluene	ND		190	39	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
2,6-Dinitrotoluene	ND		190	22	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
2-Chloronaphthalene	ND		190	31	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
2-Chlorophenol	ND		190	34	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
2-Methylphenol	ND		190	22	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
2-Methylnaphthalene	ND		190	38	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
2-Nitroaniline	ND		370	28	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
2-Nitrophenol	ND		190	53	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
3,3'-Dichlorobenzidine	ND		370	220	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
3-Nitroaniline	ND		370	52	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
4,6-Dinitro-2-methylphenol	ND		370	190	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
4-Bromophenyl phenyl ether	ND		190	27	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
4-Chloro-3-methylphenol	ND		190	46	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
4-Chloroaniline	ND		190	46	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
4-Chlorophenyl phenyl ether	ND		190	23	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
4-Methylphenol	ND		370	22	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
4-Nitroaniline	ND		370	98	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
4-Nitrophenol	ND		370	130	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Acenaphthene	ND		190	28	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: MW4-4-8-20170713
Date Collected: 07/13/17 09:00
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-7
Matrix: Solid
Percent Solids: 88.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	ND		190	24	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Acetophenone	ND		190	25	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Anthracene	ND		190	46	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Atrazine	ND		190	65	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Benzaldehyde	ND		190	150	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Benzo[a]anthracene	ND		190	19	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Benzo[a]pyrene	ND		190	28	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Benzo[b]fluoranthene	ND		190	30	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Benzo[g,h,i]perylene	ND		190	20	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Benzo[k]fluoranthene	ND		190	24	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Bis(2-chloroethoxy)methane	ND		190	40	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Bis(2-chloroethyl)ether	ND		190	24	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Bis(2-ethylhexyl) phthalate	ND		190	64	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Butyl benzyl phthalate	ND		190	31	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Caprolactam	ND		190	56	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Carbazole	ND		190	22	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Chrysene	ND		190	42	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Dibenz(a,h)anthracene	ND		190	33	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Di-n-butyl phthalate	ND		190	32	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Di-n-octyl phthalate	ND		190	22	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Dibenzofuran	ND		190	22	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Diethyl phthalate	ND		190	24	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Dimethyl phthalate	ND		190	22	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Fluoranthene	ND		190	20	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Fluorene	ND		190	22	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Hexachlorobenzene	ND		190	25	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Hexachlorobutadiene	ND		190	28	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Hexachlorocyclopentadiene	ND		190	25	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Hexachloroethane	ND		190	24	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Indeno[1,2,3-cd]pyrene	ND		190	23	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Isophorone	ND		190	40	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
N-Nitrosodi-n-propylamine	ND		190	32	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
N-Nitrosodiphenylamine	ND		190	150	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Naphthalene	ND		190	24	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Nitrobenzene	ND		190	21	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Pentachlorophenol	ND		370	190	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Phenanthrene	ND		190	28	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Phenol	ND		190	29	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1
Pyrene	ND		190	22	ug/Kg	☼	07/17/17 08:05	07/18/17 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*80*		*53 - 120*	*07/17/17 08:05*	*07/18/17 18:39*	*1*
Phenol-d5 (Surr)	*76*		*54 - 120*	*07/17/17 08:05*	*07/18/17 18:39*	*1*
p-Terphenyl-d14 (Surr)	*91*		*65 - 121*	*07/17/17 08:05*	*07/18/17 18:39*	*1*
2,4,6-Tribromophenol (Surr)	*79*		*54 - 120*	*07/17/17 08:05*	*07/18/17 18:39*	*1*
2-Fluorobiphenyl	*81*		*60 - 120*	*07/17/17 08:05*	*07/18/17 18:39*	*1*
2-Fluorophenol (Surr)	*76*		*52 - 120*	*07/17/17 08:05*	*07/18/17 18:39*	*1*

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: MW4-4-8-20170713
Date Collected: 07/13/17 09:00
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-7
Matrix: Solid
Percent Solids: 88.3

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		1.9	0.36	ug/Kg	☼	07/18/17 07:31	07/21/17 20:01	1
4,4'-DDE	ND		1.9	0.39	ug/Kg	☼	07/18/17 07:31	07/21/17 20:01	1
4,4'-DDT	ND		1.9	0.44	ug/Kg	☼	07/18/17 07:31	07/21/17 20:01	1
Aldrin	ND		1.9	0.46	ug/Kg	☼	07/18/17 07:31	07/21/17 20:01	1
alpha-BHC	ND		1.9	0.34	ug/Kg	☼	07/18/17 07:31	07/21/17 20:01	1
alpha-Chlordane	ND		1.9	0.93	ug/Kg	☼	07/18/17 07:31	07/21/17 20:01	1
beta-BHC	ND		1.9	0.34	ug/Kg	☼	07/18/17 07:31	07/21/17 20:01	1
delta-BHC	ND		1.9	0.35	ug/Kg	☼	07/18/17 07:31	07/21/17 20:01	1
Dieldrin	ND		1.9	0.45	ug/Kg	☼	07/18/17 07:31	07/21/17 20:01	1
Endosulfan I	ND		1.9	0.36	ug/Kg	☼	07/18/17 07:31	07/21/17 20:01	1
Endosulfan II	ND		1.9	0.34	ug/Kg	☼	07/18/17 07:31	07/21/17 20:01	1
Endosulfan sulfate	ND		1.9	0.35	ug/Kg	☼	07/18/17 07:31	07/21/17 20:01	1
Endrin	ND		1.9	0.37	ug/Kg	☼	07/18/17 07:31	07/21/17 20:01	1
Endrin aldehyde	ND		1.9	0.48	ug/Kg	☼	07/18/17 07:31	07/21/17 20:01	1
Endrin ketone	ND		1.9	0.46	ug/Kg	☼	07/18/17 07:31	07/21/17 20:01	1
gamma-BHC (Lindane)	ND		1.9	0.34	ug/Kg	☼	07/18/17 07:31	07/21/17 20:01	1
gamma-Chlordane	ND		1.9	0.60	ug/Kg	☼	07/18/17 07:31	07/21/17 20:01	1
Heptachlor	ND		1.9	0.41	ug/Kg	☼	07/18/17 07:31	07/21/17 20:01	1
Heptachlor epoxide	ND		1.9	0.48	ug/Kg	☼	07/18/17 07:31	07/21/17 20:01	1
Methoxychlor	ND		1.9	0.38	ug/Kg	☼	07/18/17 07:31	07/21/17 20:01	1
Toxaphene	ND		19	11	ug/Kg	☼	07/18/17 07:31	07/21/17 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*81*		*45 - 120*	*07/18/17 07:31*	*07/21/17 20:01*	*1*
DCB Decachlorobiphenyl	*82*		*45 - 120*	*07/18/17 07:31*	*07/21/17 20:01*	*1*
Tetrachloro-m-xylene	*77*		*30 - 124*	*07/18/17 07:31*	*07/21/17 20:01*	*1*
Tetrachloro-m-xylene	*71*		*30 - 124*	*07/18/17 07:31*	*07/21/17 20:01*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**27700**		56.4	24.8	mg/Kg	☼	07/17/17 11:00	07/19/17 15:09	5
Antimony	ND		33.8	0.90	mg/Kg	☼	07/17/17 11:00	07/19/17 15:06	2
Arsenic	**11.5**		4.5	0.90	mg/Kg	☼	07/17/17 11:00	07/19/17 15:06	2
Barium	**293**		2.8	0.62	mg/Kg	☼	07/17/17 11:00	07/19/17 15:09	5
Beryllium	**2.7**		1.1	0.16	mg/Kg	☼	07/17/17 11:00	07/19/17 15:09	5
Cadmium	**0.16**	**J**	0.45	0.068	mg/Kg	☼	07/17/17 11:00	07/19/17 15:06	2
Calcium	**27600**	**B**	282	18.6	mg/Kg	☼	07/17/17 11:00	07/19/17 15:09	5
Chromium	**16.6**		1.1	0.45	mg/Kg	☼	07/17/17 11:00	07/19/17 15:06	2
Cobalt	**14.3**		0.56	0.056	mg/Kg	☼	07/17/17 11:00	07/18/17 16:26	1
Copper	**19.9**		2.3	0.47	mg/Kg	☼	07/17/17 11:00	07/19/17 15:06	2
Iron	**30900**		56.4	19.7	mg/Kg	☼	07/17/17 11:00	07/19/17 15:09	5
Lead	**32.4**		1.1	0.27	mg/Kg	☼	07/17/17 11:00	07/18/17 16:26	1
Magnesium	**5180**		45.1	2.1	mg/Kg	☼	07/17/17 11:00	07/19/17 15:06	2
Manganese	**1060**		0.45	0.072	mg/Kg	☼	07/17/17 11:00	07/19/17 15:06	2
Nickel	**24.2**		5.6	0.26	mg/Kg	☼	07/17/17 11:00	07/18/17 16:26	1
Potassium	**3880**		169	113	mg/Kg	☼	07/17/17 11:00	07/19/17 15:09	5
Selenium	ND		9.0	0.90	mg/Kg	☼	07/17/17 11:00	07/19/17 15:06	2
Silver	ND		1.4	0.45	mg/Kg	☼	07/17/17 11:00	07/19/17 15:06	2
Sodium	**961**		789	73.3	mg/Kg	☼	07/17/17 11:00	07/19/17 15:09	5
Thallium	ND		6.8	0.34	mg/Kg	☼	07/17/17 11:00	07/18/17 16:26	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: MW4-4-8-20170713

Lab Sample ID: 480-121130-7
Date Collected: 07/13/17 09:00
Matrix: Solid
Date Received: 07/15/17 01:45
Percent Solids: 88.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	17.0		1.1	0.25	mg/Kg	☼	07/17/17 11:00	07/19/17 15:06	2
Zinc	97.7		4.5	1.4	mg/Kg	☼	07/17/17 11:00	07/19/17 15:06	2

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.021	0.0085	mg/Kg	☼	07/17/17 09:45	07/17/17 12:35	1

Client Sample ID: MW3-8-11-20170713

Lab Sample ID: 480-121130-8
Date Collected: 07/13/17 10:10
Matrix: Solid
Date Received: 07/15/17 01:45
Percent Solids: 89.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.6	0.41	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
1,1,2,2-Tetrachloroethane	ND	vs	5.6	0.91	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
1,1,2-Trichloroethane	ND	vs	5.6	0.73	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.6	1.3	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
1,1-Dichloroethane	ND	vs	5.6	0.68	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
1,1-Dichloroethene	ND	vs	5.6	0.68	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
1,2,4-Trichlorobenzene	ND	vs	5.6	0.34	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.6	2.8	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
1,2-Dichlorobenzene	ND	vs	5.6	0.44	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
1,2-Dichloroethane	ND	vs	5.6	0.28	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
1,2-Dichloropropane	ND	vs	5.6	2.8	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
1,3-Dichlorobenzene	ND	vs	5.6	0.29	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
1,4-Dichlorobenzene	ND	vs	5.6	0.78	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
2-Butanone (MEK)	ND	vs	28	2.0	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
2-Hexanone	ND	vs	28	2.8	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
4-Methyl-2-pentanone (MIBK)	ND	vs	28	1.8	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
Acetone	ND	vs	28	4.7	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
Benzene	ND	vs	5.6	0.27	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
Bromodichloromethane	ND	vs	5.6	0.75	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
Bromoform	ND	vs	5.6	2.8	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
Bromomethane	ND	* vs	5.6	0.50	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
Carbon disulfide	ND	vs	5.6	2.8	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
Carbon tetrachloride	ND	vs	5.6	0.54	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
Chlorobenzene	ND	vs	5.6	0.74	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
Dibromochloromethane	ND	vs	5.6	0.72	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
Chloroethane	ND	* vs	5.6	1.3	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
Chloroform	ND	vs	5.6	0.35	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
Chloromethane	ND	vs	5.6	0.34	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
cis-1,2-Dichloroethene	ND	vs	5.6	0.72	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
cis-1,3-Dichloropropene	ND	vs	5.6	0.81	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
Cyclohexane	ND	vs	5.6	0.78	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
Dichlorodifluoromethane	ND	vs	5.6	0.46	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
Ethylbenzene	ND	vs	5.6	0.39	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
1,2-Dibromoethane	ND	vs	5.6	0.72	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
Isopropylbenzene	ND	vs	5.6	0.84	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
Methyl acetate	ND	vs	28	3.4	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
Methyl tert-butyl ether	ND	vs	5.6	0.55	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: MW3-8-11-20170713
Date Collected: 07/13/17 10:10
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-8
Matrix: Solid
Percent Solids: 89.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	ND	vs	5.6	0.85	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
Methylene Chloride	ND	vs	5.6	2.6	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
Styrene	ND	vs	5.6	0.28	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
Tetrachloroethene	ND	vs	5.6	0.75	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
Toluene	ND	vs	5.6	0.42	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
trans-1,2-Dichloroethene	ND	vs	5.6	0.58	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
trans-1,3-Dichloropropene	ND	vs	5.6	2.5	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
Trichloroethene	ND	vs	5.6	1.2	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
Trichlorofluoromethane	ND	vs	5.6	0.53	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
Vinyl chloride	ND	vs	5.6	0.68	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1
Xylenes, Total	ND	vs	11	0.94	ug/Kg	☼	07/22/17 08:17	07/22/17 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*71 - 125*	*07/22/17 08:17*	*07/22/17 18:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*64 - 126*	*07/22/17 08:17*	*07/22/17 18:38*	*1*
4-Bromofluorobenzene (Surr)	*100*		*72 - 126*	*07/22/17 08:17*	*07/22/17 18:38*	*1*
Dibromofluoromethane (Surr)	*97*		*60 - 140*	*07/22/17 08:17*	*07/22/17 18:38*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		190	27	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
bis (2-chloroisopropyl) ether	ND		190	37	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
2,4,5-Trichlorophenol	ND		190	51	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
2,4,6-Trichlorophenol	ND		190	37	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
2,4-Dichlorophenol	ND		190	20	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
2,4-Dimethylphenol	ND		190	45	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
2,4-Dinitrophenol	ND		1800	860	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
2,4-Dinitrotoluene	ND		190	38	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
2,6-Dinitrotoluene	ND		190	22	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
2-Chloronaphthalene	ND		190	31	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
2-Chlorophenol	ND		190	34	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
2-Methylphenol	ND		190	22	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
2-Methylnaphthalene	ND		190	37	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
2-Nitroaniline	ND		360	27	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
2-Nitrophenol	ND		190	53	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
3,3'-Dichlorobenzidine	ND		360	220	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
3-Nitroaniline	ND		360	52	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
4,6-Dinitro-2-methylphenol	ND		360	190	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
4-Bromophenyl phenyl ether	ND		190	26	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
4-Chloro-3-methylphenol	ND		190	46	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
4-Chloroaniline	ND		190	46	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
4-Chlorophenyl phenyl ether	ND		190	23	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
4-Methylphenol	ND		360	22	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
4-Nitroaniline	ND		360	98	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
4-Nitrophenol	ND		360	130	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Acenaphthene	ND		190	27	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Acenaphthylene	ND		190	24	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Acetophenone	ND		190	25	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Anthracene	ND		190	46	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Atrazine	ND		190	65	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: MW3-8-11-20170713
Date Collected: 07/13/17 10:10
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-8
Matrix: Solid
Percent Solids: 89.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	ND		190	150	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Benzo[a]anthracene	ND		190	19	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Benzo[a]pyrene	ND		190	27	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Benzo[b]fluoranthene	ND		190	30	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Benzo[g,h,i]perylene	ND		190	20	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Benzo[k]fluoranthene	ND		190	24	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Bis(2-chloroethoxy)methane	ND		190	40	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Bis(2-chloroethyl)ether	ND		190	24	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Bis(2-ethylhexyl) phthalate	ND		190	64	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Butyl benzyl phthalate	ND		190	31	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Caprolactam	ND		190	56	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Carbazole	ND		190	22	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Chrysene	ND		190	42	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Dibenz(a,h)anthracene	ND		190	33	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Di-n-butyl phthalate	ND		190	32	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Di-n-octyl phthalate	ND		190	22	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Dibenzofuran	ND		190	22	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Diethyl phthalate	ND		190	24	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Dimethyl phthalate	ND		190	22	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Fluoranthene	ND		190	20	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Fluorene	ND		190	22	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Hexachlorobenzene	ND		190	25	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Hexachlorobutadiene	ND		190	27	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Hexachlorocyclopentadiene	ND		190	25	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Hexachloroethane	ND		190	24	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Indeno[1,2,3-cd]pyrene	ND		190	23	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Isophorone	ND		190	40	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
N-Nitrosodi-n-propylamine	ND		190	32	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
N-Nitrosodiphenylamine	ND		190	150	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Naphthalene	ND		190	24	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Nitrobenzene	ND		190	21	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Pentachlorophenol	ND		360	190	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Phenanthrene	ND		190	27	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Phenol	ND		190	29	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1
Pyrene	ND		190	22	ug/Kg	☼	07/17/17 08:05	07/18/17 19:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*85*		*53 - 120*	*07/17/17 08:05*	*07/18/17 19:06*	*1*
Phenol-d5 (Surr)	*77*		*54 - 120*	*07/17/17 08:05*	*07/18/17 19:06*	*1*
p-Terphenyl-d14 (Surr)	*94*		*65 - 121*	*07/17/17 08:05*	*07/18/17 19:06*	*1*
2,4,6-Tribromophenol (Surr)	*82*		*54 - 120*	*07/17/17 08:05*	*07/18/17 19:06*	*1*
2-Fluorobiphenyl	*88*		*60 - 120*	*07/17/17 08:05*	*07/18/17 19:06*	*1*
2-Fluorophenol (Surr)	*77*		*52 - 120*	*07/17/17 08:05*	*07/18/17 19:06*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		1.8	0.35	ug/Kg	☼	07/18/17 07:31	07/21/17 20:21	1
4,4'-DDE	ND		1.8	0.38	ug/Kg	☼	07/18/17 07:31	07/21/17 20:21	1
4,4'-DDT	ND		1.8	0.42	ug/Kg	☼	07/18/17 07:31	07/21/17 20:21	1
Aldrin	ND		1.8	0.45	ug/Kg	☼	07/18/17 07:31	07/21/17 20:21	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: MW3-8-11-20170713
Date Collected: 07/13/17 10:10
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-8
Matrix: Solid
Percent Solids: 89.3

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	ND		1.8	0.33	ug/Kg	☼	07/18/17 07:31	07/21/17 20:21	1
alpha-Chlordane	ND		1.8	0.90	ug/Kg	☼	07/18/17 07:31	07/21/17 20:21	1
beta-BHC	ND		1.8	0.33	ug/Kg	☼	07/18/17 07:31	07/21/17 20:21	1
delta-BHC	ND		1.8	0.34	ug/Kg	☼	07/18/17 07:31	07/21/17 20:21	1
Dieldrin	ND		1.8	0.44	ug/Kg	☼	07/18/17 07:31	07/21/17 20:21	1
Endosulfan I	ND		1.8	0.35	ug/Kg	☼	07/18/17 07:31	07/21/17 20:21	1
Endosulfan II	ND		1.8	0.33	ug/Kg	☼	07/18/17 07:31	07/21/17 20:21	1
Endosulfan sulfate	ND		1.8	0.34	ug/Kg	☼	07/18/17 07:31	07/21/17 20:21	1
Endrin	ND		1.8	0.36	ug/Kg	☼	07/18/17 07:31	07/21/17 20:21	1
Endrin aldehyde	ND		1.8	0.46	ug/Kg	☼	07/18/17 07:31	07/21/17 20:21	1
Endrin ketone	ND		1.8	0.45	ug/Kg	☼	07/18/17 07:31	07/21/17 20:21	1
gamma-BHC (Lindane)	ND		1.8	0.33	ug/Kg	☼	07/18/17 07:31	07/21/17 20:21	1
gamma-Chlordane	ND		1.8	0.58	ug/Kg	☼	07/18/17 07:31	07/21/17 20:21	1
Heptachlor	ND		1.8	0.39	ug/Kg	☼	07/18/17 07:31	07/21/17 20:21	1
Heptachlor epoxide	ND		1.8	0.47	ug/Kg	☼	07/18/17 07:31	07/21/17 20:21	1
Methoxychlor	ND		1.8	0.37	ug/Kg	☼	07/18/17 07:31	07/21/17 20:21	1
Toxaphene	ND		18	11	ug/Kg	☼	07/18/17 07:31	07/21/17 20:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*93*		*45 - 120*	*07/18/17 07:31*	*07/21/17 20:21*	*1*
DCB Decachlorobiphenyl	*88*		*45 - 120*	*07/18/17 07:31*	*07/21/17 20:21*	*1*
Tetrachloro-m-xylene	*82*		*30 - 124*	*07/18/17 07:31*	*07/21/17 20:21*	*1*
Tetrachloro-m-xylene	*75*		*30 - 124*	*07/18/17 07:31*	*07/21/17 20:21*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**16900**		11.3	5.0	mg/Kg	☼	07/17/17 11:00	07/18/17 16:30	1
Antimony	ND		17.0	0.45	mg/Kg	☼	07/17/17 11:00	07/18/17 16:30	1
Arsenic	**6.8**		2.3	0.45	mg/Kg	☼	07/17/17 11:00	07/18/17 16:30	1
Barium	**122**		0.57	0.12	mg/Kg	☼	07/17/17 11:00	07/18/17 16:30	1
Beryllium	**1.0**		0.23	0.032	mg/Kg	☼	07/17/17 11:00	07/18/17 16:30	1
Cadmium	**0.15**	**J**	0.23	0.034	mg/Kg	☼	07/17/17 11:00	07/18/17 16:30	1
Calcium	**1590**	**B**	56.6	3.7	mg/Kg	☼	07/17/17 11:00	07/18/17 16:30	1
Chromium	**21.1**		0.57	0.23	mg/Kg	☼	07/17/17 11:00	07/18/17 16:30	1
Cobalt	**15.7**		0.57	0.057	mg/Kg	☼	07/17/17 11:00	07/18/17 16:30	1
Copper	**25.9**		1.1	0.24	mg/Kg	☼	07/17/17 11:00	07/18/17 16:30	1
Iron	**30500**		11.3	4.0	mg/Kg	☼	07/17/17 11:00	07/18/17 16:30	1
Lead	**16.1**		1.1	0.27	mg/Kg	☼	07/17/17 11:00	07/18/17 16:30	1
Magnesium	**4520**		22.6	1.0	mg/Kg	☼	07/17/17 11:00	07/18/17 16:30	1
Manganese	**889**		0.23	0.036	mg/Kg	☼	07/17/17 11:00	07/18/17 16:30	1
Nickel	**26.0**		5.7	0.26	mg/Kg	☼	07/17/17 11:00	07/18/17 16:30	1
Potassium	**2770**		34.0	22.6	mg/Kg	☼	07/17/17 11:00	07/18/17 16:30	1
Selenium	**0.90**	**J**	4.5	0.45	mg/Kg	☼	07/17/17 11:00	07/19/17 11:44	1
Silver	ND		0.68	0.23	mg/Kg	☼	07/17/17 11:00	07/18/17 16:30	1
Sodium	**148**	**J**	159	14.7	mg/Kg	☼	07/17/17 11:00	07/18/17 16:30	1
Thallium	ND		6.8	0.34	mg/Kg	☼	07/17/17 11:00	07/18/17 16:30	1
Vanadium	**19.9**		0.57	0.12	mg/Kg	☼	07/17/17 11:00	07/18/17 16:30	1
Zinc	**65.1**		2.3	0.72	mg/Kg	☼	07/17/17 11:00	07/18/17 16:30	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: MW3-8-11-20170713

Lab Sample ID: 480-121130-8
Date Collected: 07/13/17 10:10
Matrix: Solid
Date Received: 07/15/17 01:45
Percent Solids: 89.3

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.011	J	0.022	0.0090	mg/Kg	☼	07/17/17 09:45	07/17/17 12:54	1

Client Sample ID: SS2-0-2-20170713

Lab Sample ID: 480-121130-9
Date Collected: 07/13/17 10:30
Matrix: Solid
Date Received: 07/15/17 01:45
Percent Solids: 82.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.0	0.44	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
1,1,2,2-Tetrachloroethane	ND	vs	6.0	0.97	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
1,1,2-Trichloroethane	ND	vs	6.0	0.78	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.0	1.4	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
1,1-Dichloroethane	ND	vs	6.0	0.73	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
1,1-Dichloroethene	ND	vs	6.0	0.73	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
1,2,4-Trichlorobenzene	ND	vs	6.0	0.36	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.0	3.0	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
1,2-Dichlorobenzene	ND	vs	6.0	0.47	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
1,2-Dichloroethane	ND	vs	6.0	0.30	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
1,2-Dichloropropane	ND	vs	6.0	3.0	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
1,3-Dichlorobenzene	ND	vs	6.0	0.31	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
1,4-Dichlorobenzene	ND	vs	6.0	0.84	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
2-Butanone (MEK)	ND	* vs	30	2.2	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
2-Hexanone	ND	vs	30	3.0	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
4-Methyl-2-pentanone (MIBK)	ND	vs	30	2.0	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
Acetone	ND	vs	30	5.1	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
Benzene	ND	vs	6.0	0.29	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
Bromodichloromethane	ND	vs	6.0	0.80	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
Bromoform	ND	vs	6.0	3.0	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
Bromomethane	ND	vs	6.0	0.54	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
Carbon disulfide	ND	vs	6.0	3.0	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
Carbon tetrachloride	ND	vs	6.0	0.58	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
Chlorobenzene	ND	vs	6.0	0.79	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
Dibromochloromethane	ND	vs	6.0	0.77	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
Chloroethane	ND	* vs	6.0	1.4	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
Chloroform	ND	vs	6.0	0.37	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
Chloromethane	ND	vs	6.0	0.36	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
cis-1,2-Dichloroethene	ND	vs	6.0	0.77	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
cis-1,3-Dichloropropene	ND	vs	6.0	0.86	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
Cyclohexane	ND	vs	6.0	0.84	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
Dichlorodifluoromethane	ND	vs	6.0	0.50	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
Ethylbenzene	ND	vs	6.0	0.41	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
1,2-Dibromoethane	ND	vs	6.0	0.77	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
Isopropylbenzene	ND	vs	6.0	0.90	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
Methyl acetate	ND	vs	30	3.6	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
Methyl tert-butyl ether	ND	vs	6.0	0.59	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
Methylcyclohexane	ND	vs	6.0	0.91	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
Methylene Chloride	ND	vs	6.0	2.8	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
Styrene	ND	vs	6.0	0.30	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
Tetrachloroethene	ND	vs	6.0	0.81	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
Toluene	ND	vs	6.0	0.45	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: SS2-0-2-20170713
Date Collected: 07/13/17 10:30
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-9
Matrix: Solid
Percent Solids: 82.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND	vs	6.0	0.62	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
trans-1,3-Dichloropropene	ND	vs	6.0	2.6	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
Trichloroethene	ND	vs	6.0	1.3	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
Trichlorofluoromethane	ND	vs	6.0	0.57	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
Vinyl chloride	ND	vs	6.0	0.73	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1
Xylenes, Total	ND	vs	12	1.0	ug/Kg	☼	07/24/17 08:55	07/24/17 12:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*71 - 125*	*07/24/17 08:55*	*07/24/17 12:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*64 - 126*	*07/24/17 08:55*	*07/24/17 12:41*	*1*
4-Bromofluorobenzene (Surr)	*101*		*72 - 126*	*07/24/17 08:55*	*07/24/17 12:41*	*1*
Dibromofluoromethane (Surr)	*91*		*60 - 140*	*07/24/17 08:55*	*07/24/17 12:41*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1000	150	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
bis (2-chloroisopropyl) ether	ND		1000	200	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
2,4,5-Trichlorophenol	ND		1000	270	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
2,4,6-Trichlorophenol	ND		1000	200	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
2,4-Dichlorophenol	ND		1000	110	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
2,4-Dimethylphenol	ND		1000	240	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
2,4-Dinitrophenol	ND		9900	4700	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
2,4-Dinitrotoluene	ND		1000	210	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
2,6-Dinitrotoluene	ND		1000	120	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
2-Chloronaphthalene	ND		1000	170	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
2-Chlorophenol	ND		1000	180	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
2-Methylphenol	ND		1000	120	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
2-Methylnaphthalene	ND		1000	200	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
2-Nitroaniline	ND		2000	150	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
2-Nitrophenol	ND		1000	290	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
3,3'-Dichlorobenzidine	ND		2000	1200	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
3-Nitroaniline	ND		2000	280	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
4,6-Dinitro-2-methylphenol	ND		2000	1000	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
4-Bromophenyl phenyl ether	ND		1000	140	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
4-Chloro-3-methylphenol	ND		1000	250	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
4-Chloroaniline	ND		1000	250	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
4-Chlorophenyl phenyl ether	ND		1000	120	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
4-Methylphenol	ND		2000	120	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
4-Nitroaniline	ND		2000	530	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
4-Nitrophenol	ND		2000	710	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Acenaphthene	ND		1000	150	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Acenaphthylene	ND		1000	130	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Acetophenone	ND		1000	140	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Anthracene	ND		1000	250	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Atrazine	ND		1000	350	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Benzaldehyde	ND		1000	800	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Benzo[a]anthracene	ND		1000	100	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Benzo[a]pyrene	ND		1000	150	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Benzo[b]fluoranthene	ND		1000	160	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Benzo[g,h,i]perylene	ND		1000	110	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: SS2-0-2-20170713
Date Collected: 07/13/17 10:30
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-9
Matrix: Solid
Percent Solids: 82.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		1000	130	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Bis(2-chloroethoxy)methane	ND		1000	210	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Bis(2-chloroethyl)ether	ND		1000	130	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Bis(2-ethylhexyl) phthalate	**1900**		1000	340	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Butyl benzyl phthalate	ND		1000	170	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Caprolactam	ND		1000	300	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Carbazole	ND		1000	120	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Chrysene	ND		1000	230	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Dibenz(a,h)anthracene	ND		1000	180	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Di-n-butyl phthalate	ND		1000	170	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Di-n-octyl phthalate	ND		1000	120	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Dibenzofuran	ND		1000	120	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Diethyl phthalate	ND		1000	130	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Dimethyl phthalate	ND		1000	120	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Fluoranthene	ND		1000	110	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Fluorene	ND		1000	120	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Hexachlorobenzene	ND		1000	140	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Hexachlorobutadiene	ND		1000	150	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Hexachlorocyclopentadiene	ND		1000	140	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Hexachloroethane	ND		1000	130	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Indeno[1,2,3-cd]pyrene	ND		1000	120	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Isophorone	ND		1000	210	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
N-Nitrosodi-n-propylamine	ND		1000	170	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
N-Nitrosodiphenylamine	ND		1000	820	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Naphthalene	ND		1000	130	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Nitrobenzene	ND		1000	110	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Pentachlorophenol	ND		2000	1000	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Phenanthrene	ND		1000	150	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Phenol	ND		1000	150	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5
Pyrene	ND		1000	120	ug/Kg	☼	07/17/17 08:05	07/18/17 19:32	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*81*		*53 - 120*	*07/17/17 08:05*	*07/18/17 19:32*	*5*
Phenol-d5 (Surr)	*76*		*54 - 120*	*07/17/17 08:05*	*07/18/17 19:32*	*5*
p-Terphenyl-d14 (Surr)	*89*		*65 - 121*	*07/17/17 08:05*	*07/18/17 19:32*	*5*
2,4,6-Tribromophenol (Surr)	*83*		*54 - 120*	*07/17/17 08:05*	*07/18/17 19:32*	*5*
2-Fluorobiphenyl	*81*		*60 - 120*	*07/17/17 08:05*	*07/18/17 19:32*	*5*
2-Fluorophenol (Surr)	*77*		*52 - 120*	*07/17/17 08:05*	*07/18/17 19:32*	*5*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**1.2**	**J**	2.0	0.39	ug/Kg	☼	07/18/17 07:31	07/21/17 20:40	1
4,4'-DDE	**14**		2.0	0.43	ug/Kg	☼	07/18/17 07:31	07/21/17 20:40	1
4,4'-DDT	**14**		2.0	0.47	ug/Kg	☼	07/18/17 07:31	07/21/17 20:40	1
Aldrin	ND		2.0	0.50	ug/Kg	☼	07/18/17 07:31	07/21/17 20:40	1
alpha-BHC	**0.49**	**J B**	2.0	0.36	ug/Kg	☼	07/18/17 07:31	07/21/17 20:40	1
alpha-Chlordane	ND		2.0	1.0	ug/Kg	☼	07/18/17 07:31	07/21/17 20:40	1
beta-BHC	ND		2.0	0.36	ug/Kg	☼	07/18/17 07:31	07/21/17 20:40	1
delta-BHC	ND		2.0	0.38	ug/Kg	☼	07/18/17 07:31	07/21/17 20:40	1
Dieldrin	ND		2.0	0.49	ug/Kg	☼	07/18/17 07:31	07/21/17 20:40	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: SS2-0-2-20170713
Date Collected: 07/13/17 10:30
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-9
Matrix: Solid
Percent Solids: 82.2

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	ND		2.0	0.39	ug/Kg	☼	07/18/17 07:31	07/21/17 20:40	1
Endosulfan II	ND		2.0	0.36	ug/Kg	☼	07/18/17 07:31	07/21/17 20:40	1
Endosulfan sulfate	ND		2.0	0.38	ug/Kg	☼	07/18/17 07:31	07/21/17 20:40	1
Endrin	ND		2.0	0.40	ug/Kg	☼	07/18/17 07:31	07/21/17 20:40	1
Endrin aldehyde	ND		2.0	0.52	ug/Kg	☼	07/18/17 07:31	07/21/17 20:40	1
Endrin ketone	ND		2.0	0.50	ug/Kg	☼	07/18/17 07:31	07/21/17 20:40	1
gamma-BHC (Lindane)	ND		2.0	0.37	ug/Kg	☼	07/18/17 07:31	07/21/17 20:40	1
gamma-Chlordane	ND		2.0	0.64	ug/Kg	☼	07/18/17 07:31	07/21/17 20:40	1
Heptachlor	ND		2.0	0.44	ug/Kg	☼	07/18/17 07:31	07/21/17 20:40	1
Heptachlor epoxide	ND		2.0	0.52	ug/Kg	☼	07/18/17 07:31	07/21/17 20:40	1
Methoxychlor	ND		2.0	0.41	ug/Kg	☼	07/18/17 07:31	07/21/17 20:40	1
Toxaphene	ND		20	12	ug/Kg	☼	07/18/17 07:31	07/21/17 20:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*89*		*45 - 120*	*07/18/17 07:31*	*07/21/17 20:40*	*1*
DCB Decachlorobiphenyl	*86*		*45 - 120*	*07/18/17 07:31*	*07/21/17 20:40*	*1*
Tetrachloro-m-xylene	*74*		*30 - 124*	*07/18/17 07:31*	*07/21/17 20:40*	*1*
Tetrachloro-m-xylene	*69*		*30 - 124*	*07/18/17 07:31*	*07/21/17 20:40*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**21200**		22.7	10	mg/Kg	☼	07/17/17 11:00	07/19/17 15:13	2
Antimony	ND		17.0	0.45	mg/Kg	☼	07/17/17 11:00	07/18/17 16:33	1
Arsenic	**13.6**		2.3	0.45	mg/Kg	☼	07/17/17 11:00	07/18/17 16:33	1
Barium	**135**		1.1	0.25	mg/Kg	☼	07/17/17 11:00	07/19/17 15:13	2
Beryllium	**1.3**		0.45	0.064	mg/Kg	☼	07/17/17 11:00	07/19/17 15:13	2
Cadmium	**0.32**		0.23	0.034	mg/Kg	☼	07/17/17 11:00	07/18/17 16:33	1
Calcium	**10200**	**B**	113	7.5	mg/Kg	☼	07/17/17 11:00	07/19/17 15:13	2
Chromium	**17.3**		0.57	0.23	mg/Kg	☼	07/17/17 11:00	07/18/17 16:33	1
Cobalt	**12.9**		0.57	0.057	mg/Kg	☼	07/17/17 11:00	07/18/17 16:33	1
Copper	**22.2**		1.1	0.24	mg/Kg	☼	07/17/17 11:00	07/18/17 16:33	1
Iron	**25000**		22.7	7.9	mg/Kg	☼	07/17/17 11:00	07/19/17 15:13	2
Lead	**105**		1.1	0.27	mg/Kg	☼	07/17/17 11:00	07/18/17 16:33	1
Magnesium	**3490**		22.7	1.1	mg/Kg	☼	07/17/17 11:00	07/18/17 16:33	1
Manganese	**608**		0.23	0.036	mg/Kg	☼	07/17/17 11:00	07/18/17 16:33	1
Nickel	**23.7**		5.7	0.26	mg/Kg	☼	07/17/17 11:00	07/18/17 16:33	1
Potassium	**2140**		68.1	45.4	mg/Kg	☼	07/17/17 11:00	07/19/17 15:13	2
Selenium	ND		4.5	0.45	mg/Kg	☼	07/17/17 11:00	07/19/17 11:48	1
Silver	ND		0.68	0.23	mg/Kg	☼	07/17/17 11:00	07/18/17 16:33	1
Sodium	**369**		318	29.5	mg/Kg	☼	07/17/17 11:00	07/19/17 15:13	2
Thallium	ND		6.8	0.34	mg/Kg	☼	07/17/17 11:00	07/18/17 16:33	1
Vanadium	**17.5**		0.57	0.12	mg/Kg	☼	07/17/17 11:00	07/18/17 16:33	1
Zinc	**106**		2.3	0.73	mg/Kg	☼	07/17/17 11:00	07/18/17 16:33	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.11**		0.024	0.0099	mg/Kg	☼	07/17/17 09:45	07/17/17 12:56	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: SS4-0-2-20170713
Date Collected: 07/13/17 10:45
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-10
Matrix: Solid
Percent Solids: 72.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.9	0.50	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
1,1,2,2-Tetrachloroethane	ND	vs	6.9	1.1	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
1,1,2-Trichloroethane	ND	vs	6.9	0.89	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.9	1.6	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
1,1-Dichloroethane	ND	vs	6.9	0.84	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
1,1-Dichloroethene	ND	vs	6.9	0.84	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
1,2,4-Trichlorobenzene	ND	vs	6.9	0.42	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.9	3.4	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
1,2-Dichlorobenzene	ND	vs	6.9	0.54	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
1,2-Dichloroethane	ND	vs	6.9	0.34	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
1,2-Dichloropropane	ND	vs	6.9	3.4	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
1,3-Dichlorobenzene	ND	vs	6.9	0.35	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
1,4-Dichlorobenzene	ND	vs	6.9	0.96	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
2-Butanone (MEK)	ND	* vs	34	2.5	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
2-Hexanone	ND	vs	34	3.4	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
4-Methyl-2-pentanone (MIBK)	ND	vs	34	2.3	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
Acetone	ND	vs	34	5.8	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
Benzene	ND	vs	6.9	0.34	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
Bromodichloromethane	ND	vs	6.9	0.92	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
Bromoform	ND	vs	6.9	3.4	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
Bromomethane	ND	vs	6.9	0.62	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
Carbon disulfide	ND	vs	6.9	3.4	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
Carbon tetrachloride	ND	vs	6.9	0.66	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
Chlorobenzene	ND	vs	6.9	0.91	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
Dibromochloromethane	ND	vs	6.9	0.88	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
Chloroethane	ND	* vs	6.9	1.6	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
Chloroform	ND	vs	6.9	0.42	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
Chloromethane	ND	vs	6.9	0.41	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
cis-1,2-Dichloroethene	ND	vs	6.9	0.88	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
cis-1,3-Dichloropropene	ND	vs	6.9	0.99	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
Cyclohexane	ND	vs	6.9	0.96	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
Dichlorodifluoromethane	ND	vs	6.9	0.57	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
Ethylbenzene	ND	vs	6.9	0.47	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
1,2-Dibromoethane	ND	vs	6.9	0.88	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
Isopropylbenzene	ND	vs	6.9	1.0	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
Methyl acetate	ND	vs	34	4.1	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
Methyl tert-butyl ether	ND	vs	6.9	0.67	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
Methylcyclohexane	ND	vs	6.9	1.0	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
Methylene Chloride	ND	vs	6.9	3.2	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
Styrene	ND	vs	6.9	0.34	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
Tetrachloroethene	ND	vs	6.9	0.92	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
Toluene	ND	vs	6.9	0.52	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
trans-1,2-Dichloroethene	ND	vs	6.9	0.71	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
trans-1,3-Dichloropropene	ND	vs	6.9	3.0	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
Trichloroethene	ND	vs	6.9	1.5	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
Trichlorofluoromethane	ND	vs	6.9	0.65	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
Vinyl chloride	ND	vs	6.9	0.84	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1
Xylenes, Total	ND	vs	14	1.2	ug/Kg	☼	07/24/17 08:55	07/24/17 13:07	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: SS4-0-2-20170713
Date Collected: 07/13/17 10:45
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-10
Matrix: Solid
Percent Solids: 72.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		71 - 125	07/24/17 08:55	07/24/17 13:07	1
1,2-Dichloroethane-d4 (Surr)	88		64 - 126	07/24/17 08:55	07/24/17 13:07	1
4-Bromofluorobenzene (Surr)	84		72 - 126	07/24/17 08:55	07/24/17 13:07	1
Dibromofluoromethane (Surr)	90		60 - 140	07/24/17 08:55	07/24/17 13:07	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1100	170	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
bis (2-chloroisopropyl) ether	ND		1100	230	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
2,4,5-Trichlorophenol	ND		1100	310	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
2,4,6-Trichlorophenol	ND		1100	230	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
2,4-Dichlorophenol	ND		1100	120	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
2,4-Dimethylphenol	ND		1100	280	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
2,4-Dinitrophenol	ND		11000	5300	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
2,4-Dinitrotoluene	ND		1100	240	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
2,6-Dinitrotoluene	ND		1100	130	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
2-Chloronaphthalene	ND		1100	190	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
2-Chlorophenol	ND		1100	210	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
2-Methylphenol	ND		1100	130	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
2-Methylnaphthalene	ND		1100	230	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
2-Nitroaniline	ND		2200	170	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
2-Nitrophenol	ND		1100	320	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
3,3'-Dichlorobenzidine	ND		2200	1300	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
3-Nitroaniline	ND		2200	320	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
4,6-Dinitro-2-methylphenol	ND		2200	1100	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
4-Bromophenyl phenyl ether	ND		1100	160	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
4-Chloro-3-methylphenol	ND		1100	280	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
4-Chloroaniline	ND		1100	280	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
4-Chlorophenyl phenyl ether	ND		1100	140	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
4-Methylphenol	ND		2200	130	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
4-Nitroaniline	ND		2200	600	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
4-Nitrophenol	ND		2200	800	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Acenaphthene	ND		1100	170	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Acenaphthylene	ND		1100	150	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Acetophenone	ND		1100	160	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Anthracene	ND		1100	280	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Atrazine	ND		1100	400	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Benzaldehyde	ND		1100	910	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Benzo[a]anthracene	ND		1100	110	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Benzo[a]pyrene	ND		1100	170	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Benzo[b]fluoranthene	ND		1100	180	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Benzo[g,h,i]perylene	ND		1100	120	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Benzo[k]fluoranthene	ND		1100	150	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Bis(2-chloroethoxy)methane	ND		1100	240	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Bis(2-chloroethyl)ether	ND		1100	150	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Bis(2-ethylhexyl) phthalate	ND		1100	390	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Butyl benzyl phthalate	ND		1100	190	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Caprolactam	ND		1100	340	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Carbazole	ND		1100	130	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Chrysene	ND		1100	260	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: SS4-0-2-20170713
Date Collected: 07/13/17 10:45
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-10
Matrix: Solid
Percent Solids: 72.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		1100	200	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Di-n-butyl phthalate	ND		1100	200	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Di-n-octyl phthalate	ND		1100	130	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Dibenzofuran	ND		1100	130	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Diethyl phthalate	ND		1100	150	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Dimethyl phthalate	ND		1100	130	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Fluoranthene	ND		1100	120	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Fluorene	ND		1100	130	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Hexachlorobenzene	ND		1100	160	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Hexachlorobutadiene	ND		1100	170	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Hexachlorocyclopentadiene	ND		1100	160	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Hexachloroethane	ND		1100	150	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Indeno[1,2,3-cd]pyrene	ND		1100	140	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Isophorone	ND		1100	240	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
N-Nitrosodi-n-propylamine	ND		1100	200	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
N-Nitrosodiphenylamine	ND		1100	930	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Naphthalene	ND		1100	150	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Nitrobenzene	ND		1100	130	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Pentachlorophenol	ND		2200	1100	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Phenanthrene	ND		1100	170	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Phenol	ND		1100	180	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5
Pyrene	ND		1100	130	ug/Kg	☼	07/17/17 08:05	07/18/17 19:58	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*61*		*53 - 120*	*07/17/17 08:05*	*07/18/17 19:58*	*5*
Phenol-d5 (Surr)	*71*		*54 - 120*	*07/17/17 08:05*	*07/18/17 19:58*	*5*
p-Terphenyl-d14 (Surr)	*74*		*65 - 121*	*07/17/17 08:05*	*07/18/17 19:58*	*5*
2,4,6-Tribromophenol (Surr)	*78*		*54 - 120*	*07/17/17 08:05*	*07/18/17 19:58*	*5*
2-Fluorobiphenyl	*74*		*60 - 120*	*07/17/17 08:05*	*07/18/17 19:58*	*5*
2-Fluorophenol (Surr)	*63*		*52 - 120*	*07/17/17 08:05*	*07/18/17 19:58*	*5*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		2.3	0.44	ug/Kg	☼	07/18/17 07:31	07/21/17 21:00	1
4,4'-DDE	**3.5**		2.3	0.47	ug/Kg	☼	07/18/17 07:31	07/21/17 21:00	1
4,4'-DDT	**3.3**		2.3	0.53	ug/Kg	☼	07/18/17 07:31	07/21/17 21:00	1
Aldrin	ND		2.3	0.55	ug/Kg	☼	07/18/17 07:31	07/21/17 21:00	1
alpha-BHC	**0.62**	**J B**	2.3	0.41	ug/Kg	☼	07/18/17 07:31	07/21/17 21:00	1
alpha-Chlordane	ND		2.3	1.1	ug/Kg	☼	07/18/17 07:31	07/21/17 21:00	1
beta-BHC	ND		2.3	0.41	ug/Kg	☼	07/18/17 07:31	07/21/17 21:00	1
delta-BHC	ND		2.3	0.42	ug/Kg	☼	07/18/17 07:31	07/21/17 21:00	1
Dieldrin	ND		2.3	0.54	ug/Kg	☼	07/18/17 07:31	07/21/17 21:00	1
Endosulfan I	ND		2.3	0.43	ug/Kg	☼	07/18/17 07:31	07/21/17 21:00	1
Endosulfan II	ND		2.3	0.41	ug/Kg	☼	07/18/17 07:31	07/21/17 21:00	1
Endosulfan sulfate	ND		2.3	0.42	ug/Kg	☼	07/18/17 07:31	07/21/17 21:00	1
Endrin	ND		2.3	0.45	ug/Kg	☼	07/18/17 07:31	07/21/17 21:00	1
Endrin aldehyde	ND		2.3	0.58	ug/Kg	☼	07/18/17 07:31	07/21/17 21:00	1
Endrin ketone	ND		2.3	0.55	ug/Kg	☼	07/18/17 07:31	07/21/17 21:00	1
gamma-BHC (Lindane)	ND		2.3	0.41	ug/Kg	☼	07/18/17 07:31	07/21/17 21:00	1
gamma-Chlordane	ND		2.3	0.72	ug/Kg	☼	07/18/17 07:31	07/21/17 21:00	1

Client Sample ID: SS4-0-2-20170713

Lab Sample ID: 480-121130-10

Date Collected: 07/13/17 10:45
Matrix: Solid
Date Received: 07/15/17 01:45
Percent Solids: 72.7

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		2.3	0.49	ug/Kg	☼	07/18/17 07:31	07/21/17 21:00	1
Heptachlor epoxide	ND		2.3	0.58	ug/Kg	☼	07/18/17 07:31	07/21/17 21:00	1
Methoxychlor	ND		2.3	0.46	ug/Kg	☼	07/18/17 07:31	07/21/17 21:00	1
Toxaphene	ND		23	13	ug/Kg	☼	07/18/17 07:31	07/21/17 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*101*		*45 - 120*	*07/18/17 07:31*	*07/21/17 21:00*	*1*
DCB Decachlorobiphenyl	*134*	*X*	*45 - 120*	*07/18/17 07:31*	*07/21/17 21:00*	*1*
Tetrachloro-m-xylene	*80*		*30 - 124*	*07/18/17 07:31*	*07/21/17 21:00*	*1*
Tetrachloro-m-xylene	*79*		*30 - 124*	*07/18/17 07:31*	*07/21/17 21:00*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**21300**		13.7	6.0	mg/Kg	☼	07/17/17 11:00	07/18/17 16:37	1
Antimony	**0.89**	**J**	20.5	0.55	mg/Kg	☼	07/17/17 11:00	07/18/17 16:37	1
Arsenic	**6.2**		2.7	0.55	mg/Kg	☼	07/17/17 11:00	07/18/17 16:37	1
Barium	**117**		0.68	0.15	mg/Kg	☼	07/17/17 11:00	07/18/17 16:37	1
Beryllium	**0.69**		0.27	0.038	mg/Kg	☼	07/17/17 11:00	07/18/17 16:37	1
Cadmium	**0.92**		0.27	0.041	mg/Kg	☼	07/17/17 11:00	07/18/17 16:37	1
Calcium	**1150**	**B**	68.4	4.5	mg/Kg	☼	07/17/17 11:00	07/18/17 16:37	1
Chromium	**19.6**		0.68	0.27	mg/Kg	☼	07/17/17 11:00	07/18/17 16:37	1
Cobalt	**8.8**		0.68	0.068	mg/Kg	☼	07/17/17 11:00	07/18/17 16:37	1
Copper	**25.6**		1.4	0.29	mg/Kg	☼	07/17/17 11:00	07/18/17 16:37	1
Iron	**21900**		13.7	4.8	mg/Kg	☼	07/17/17 11:00	07/18/17 16:37	1
Lead	**50.1**		1.4	0.33	mg/Kg	☼	07/17/17 11:00	07/18/17 16:37	1
Magnesium	**2730**		27.4	1.3	mg/Kg	☼	07/17/17 11:00	07/18/17 16:37	1
Manganese	**686**		0.27	0.044	mg/Kg	☼	07/17/17 11:00	07/18/17 16:37	1
Nickel	**15.7**		6.8	0.31	mg/Kg	☼	07/17/17 11:00	07/18/17 16:37	1
Potassium	**1550**		41.1	27.4	mg/Kg	☼	07/17/17 11:00	07/18/17 16:37	1
Selenium	**1.0**	**J**	5.5	0.55	mg/Kg	☼	07/17/17 11:00	07/19/17 11:52	1
Silver	ND		0.82	0.27	mg/Kg	☼	07/17/17 11:00	07/18/17 16:37	1
Sodium	**69.0**	**J**	192	17.8	mg/Kg	☼	07/17/17 11:00	07/18/17 16:37	1
Thallium	ND		8.2	0.41	mg/Kg	☼	07/17/17 11:00	07/18/17 16:37	1
Vanadium	**24.7**		0.68	0.15	mg/Kg	☼	07/17/17 11:00	07/18/17 16:37	1
Zinc	**121**		2.7	0.88	mg/Kg	☼	07/17/17 11:00	07/18/17 16:37	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.066**		0.028	0.011	mg/Kg	☼	07/17/17 09:45	07/17/17 12:57	1

Client Sample ID: SS6-0-2-20170713

Lab Sample ID: 480-121130-11

Date Collected: 07/13/17 11:00
Matrix: Solid
Date Received: 07/15/17 01:45
Percent Solids: 80.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.1	0.45	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
1,1,2,2-Tetrachloroethane	ND	vs	6.1	1.0	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
1,1,2-Trichloroethane	ND	vs	6.1	0.80	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.1	1.4	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1

Client Sample ID: SS6-0-2-20170713
Date Collected: 07/13/17 11:00
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-11
Matrix: Solid
Percent Solids: 80.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND	vs	6.1	0.75	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
1,1-Dichloroethene	ND	vs	6.1	0.75	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
1,2,4-Trichlorobenzene	ND	vs	6.1	0.37	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.1	3.1	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
1,2-Dichlorobenzene	ND	vs	6.1	0.48	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
1,2-Dichloroethane	ND	vs	6.1	0.31	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
1,2-Dichloropropane	ND	vs	6.1	3.1	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
1,3-Dichlorobenzene	ND	vs	6.1	0.32	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
1,4-Dichlorobenzene	ND	vs	6.1	0.86	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
2-Butanone (MEK)	ND	* vs	31	2.2	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
2-Hexanone	ND	vs	31	3.1	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
4-Methyl-2-pentanone (MIBK)	ND	vs	31	2.0	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
Acetone	ND	vs	31	5.2	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
Benzene	ND	vs	6.1	0.30	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
Bromodichloromethane	ND	vs	6.1	0.82	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
Bromoform	ND	vs	6.1	3.1	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
Bromomethane	ND	vs	6.1	0.55	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
Carbon disulfide	ND	vs	6.1	3.1	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
Carbon tetrachloride	ND	vs	6.1	0.59	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
Chlorobenzene	ND	vs	6.1	0.81	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
Dibromochloromethane	ND	vs	6.1	0.79	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
Chloroethane	ND	* vs	6.1	1.4	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
Chloroform	ND	vs	6.1	0.38	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
Chloromethane	ND	vs	6.1	0.37	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
cis-1,2-Dichloroethene	ND	vs	6.1	0.79	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
cis-1,3-Dichloropropene	ND	vs	6.1	0.89	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
Cyclohexane	ND	vs	6.1	0.86	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
Dichlorodifluoromethane	ND	vs	6.1	0.51	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
Ethylbenzene	ND	vs	6.1	0.42	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
1,2-Dibromoethane	ND	vs	6.1	0.79	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
Isopropylbenzene	ND	vs	6.1	0.93	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
Methyl acetate	ND	vs	31	3.7	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
Methyl tert-butyl ether	ND	vs	6.1	0.60	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
Methylcyclohexane	ND	vs	6.1	0.93	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
Methylene Chloride	ND	vs	6.1	2.8	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
Styrene	ND	vs	6.1	0.31	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
Tetrachloroethene	ND	vs	6.1	0.82	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
Toluene	ND	vs	6.1	0.46	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
trans-1,2-Dichloroethene	ND	vs	6.1	0.63	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
trans-1,3-Dichloropropene	ND	vs	6.1	2.7	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
Trichloroethene	ND	vs	6.1	1.4	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
Trichlorofluoromethane	ND	vs	6.1	0.58	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
Vinyl chloride	ND	vs	6.1	0.75	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1
Xylenes, Total	ND	vs	12	1.0	ug/Kg	☼	07/24/17 08:55	07/24/17 13:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*71 - 125*	*07/24/17 08:55*	*07/24/17 13:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*64 - 126*	*07/24/17 08:55*	*07/24/17 13:33*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 126*	*07/24/17 08:55*	*07/24/17 13:33*	*1*
Dibromofluoromethane (Surr)	*91*		*60 - 140*	*07/24/17 08:55*	*07/24/17 13:33*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1100	160	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
bis (2-chloroisopropyl) ether	ND		1100	210	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
2,4,5-Trichlorophenol	ND		1100	290	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
2,4,6-Trichlorophenol	ND		1100	210	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
2,4-Dichlorophenol	ND		1100	110	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
2,4-Dimethylphenol	ND		1100	260	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
2,4-Dinitrophenol	ND		10000	4900	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
2,4-Dinitrotoluene	ND		1100	220	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
2,6-Dinitrotoluene	ND		1100	120	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
2-Chloronaphthalene	ND		1100	170	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
2-Chlorophenol	ND		1100	190	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
2-Methylphenol	ND		1100	120	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
2-Methylnaphthalene	ND		1100	210	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
2-Nitroaniline	ND		2100	160	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
2-Nitrophenol	ND		1100	300	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
3,3'-Dichlorobenzidine	ND		2100	1200	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
3-Nitroaniline	ND		2100	290	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
4,6-Dinitro-2-methylphenol	ND		2100	1100	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
4-Bromophenyl phenyl ether	ND		1100	150	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
4-Chloro-3-methylphenol	ND		1100	260	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
4-Chloroaniline	ND		1100	260	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
4-Chlorophenyl phenyl ether	ND		1100	130	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
4-Methylphenol	ND		2100	120	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
4-Nitroaniline	ND		2100	550	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
4-Nitrophenol	ND		2100	740	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Acenaphthene	ND		1100	160	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Acenaphthylene	ND		1100	140	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Acetophenone	ND		1100	140	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Anthracene	ND		1100	260	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Atrazine	ND		1100	370	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Benzaldehyde	ND		1100	840	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Benzo[a]anthracene	ND		1100	110	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Benzo[a]pyrene	ND		1100	160	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Benzo[b]fluoranthene	ND		1100	170	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Benzo[g,h,i]perylene	ND		1100	110	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Benzo[k]fluoranthene	ND		1100	140	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Bis(2-chloroethoxy)methane	ND		1100	220	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Bis(2-chloroethyl)ether	ND		1100	140	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Bis(2-ethylhexyl) phthalate	ND		1100	360	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Butyl benzyl phthalate	ND		1100	170	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Caprolactam	ND		1100	320	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Carbazole	ND		1100	120	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Chrysene	ND		1100	240	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Dibenz(a,h)anthracene	ND		1100	190	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Di-n-butyl phthalate	ND		1100	180	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Di-n-octyl phthalate	ND		1100	120	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Dibenzofuran	ND		1100	120	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Diethyl phthalate	ND		1100	140	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Dimethyl phthalate	ND		1100	120	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Fluoranthene	ND		1100	110	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Fluorene	ND		1100	120	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Hexachlorobenzene	ND		1100	140	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Hexachlorobutadiene	ND		1100	160	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: SS6-0-2-20170713
Date Collected: 07/13/17 11:00
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-11
Matrix: Solid
Percent Solids: 80.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		1100	140	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Hexachloroethane	ND		1100	140	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Indeno[1,2,3-cd]pyrene	ND		1100	130	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Isophorone	ND		1100	220	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
N-Nitrosodi-n-propylamine	ND		1100	180	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
N-Nitrosodiphenylamine	ND		1100	860	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Naphthalene	ND		1100	140	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Nitrobenzene	ND		1100	120	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Pentachlorophenol	ND		2100	1100	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Phenanthrene	ND		1100	160	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Phenol	ND		1100	160	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5
Pyrene	ND		1100	120	ug/Kg	☼	07/17/17 08:05	07/19/17 16:25	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*61*		*53 - 120*	*07/17/17 08:05*	*07/19/17 16:25*	*5*
Phenol-d5 (Surr)	*67*		*54 - 120*	*07/17/17 08:05*	*07/19/17 16:25*	*5*
p-Terphenyl-d14 (Surr)	*76*		*65 - 121*	*07/17/17 08:05*	*07/19/17 16:25*	*5*
2,4,6-Tribromophenol (Surr)	*75*		*54 - 120*	*07/17/17 08:05*	*07/19/17 16:25*	*5*
2-Fluorobiphenyl	*70*		*60 - 120*	*07/17/17 08:05*	*07/19/17 16:25*	*5*
2-Fluorophenol (Surr)	*62*		*52 - 120*	*07/17/17 08:05*	*07/19/17 16:25*	*5*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**0.42**	**J**	2.1	0.40	ug/Kg	☼	07/18/17 07:31	07/21/17 21:20	1
4,4'-DDE	**1.6**	**J**	2.1	0.43	ug/Kg	☼	07/18/17 07:31	07/21/17 21:20	1
4,4'-DDT	**4.4**		2.1	0.48	ug/Kg	☼	07/18/17 07:31	07/21/17 21:20	1
Aldrin	ND		2.1	0.50	ug/Kg	☼	07/18/17 07:31	07/21/17 21:20	1
alpha-BHC	ND		2.1	0.37	ug/Kg	☼	07/18/17 07:31	07/21/17 21:20	1
alpha-Chlordane	ND		2.1	1.0	ug/Kg	☼	07/18/17 07:31	07/21/17 21:20	1
beta-BHC	ND		2.1	0.37	ug/Kg	☼	07/18/17 07:31	07/21/17 21:20	1
delta-BHC	ND		2.1	0.38	ug/Kg	☼	07/18/17 07:31	07/21/17 21:20	1
Dieldrin	ND		2.1	0.49	ug/Kg	☼	07/18/17 07:31	07/21/17 21:20	1
Endosulfan I	ND		2.1	0.39	ug/Kg	☼	07/18/17 07:31	07/21/17 21:20	1
Endosulfan II	ND		2.1	0.37	ug/Kg	☼	07/18/17 07:31	07/21/17 21:20	1
Endosulfan sulfate	ND		2.1	0.38	ug/Kg	☼	07/18/17 07:31	07/21/17 21:20	1
Endrin	ND		2.1	0.41	ug/Kg	☼	07/18/17 07:31	07/21/17 21:20	1
Endrin aldehyde	ND		2.1	0.52	ug/Kg	☼	07/18/17 07:31	07/21/17 21:20	1
Endrin ketone	ND		2.1	0.50	ug/Kg	☼	07/18/17 07:31	07/21/17 21:20	1
gamma-BHC (Lindane)	ND		2.1	0.38	ug/Kg	☼	07/18/17 07:31	07/21/17 21:20	1
gamma-Chlordane	ND		2.1	0.65	ug/Kg	☼	07/18/17 07:31	07/21/17 21:20	1
Heptachlor	ND		2.1	0.44	ug/Kg	☼	07/18/17 07:31	07/21/17 21:20	1
Heptachlor epoxide	ND		2.1	0.53	ug/Kg	☼	07/18/17 07:31	07/21/17 21:20	1
Methoxychlor	ND		2.1	0.42	ug/Kg	☼	07/18/17 07:31	07/21/17 21:20	1
Toxaphene	ND		21	12	ug/Kg	☼	07/18/17 07:31	07/21/17 21:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*94*		*45 - 120*	*07/18/17 07:31*	*07/21/17 21:20*	*1*
DCB Decachlorobiphenyl	*118*		*45 - 120*	*07/18/17 07:31*	*07/21/17 21:20*	*1*
Tetrachloro-m-xylene	*82*		*30 - 124*	*07/18/17 07:31*	*07/21/17 21:20*	*1*
Tetrachloro-m-xylene	*69*		*30 - 124*	*07/18/17 07:31*	*07/21/17 21:20*	*1*

Client Sample ID: SS6-0-2-20170713

Lab Sample ID: 480-121130-11
Date Collected: 07/13/17 11:00
Matrix: Solid
Date Received: 07/15/17 01:45
Percent Solids: 80.2

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20000		12.1	5.3	mg/Kg	☼	07/17/17 11:00	07/18/17 16:40	1
Antimony	0.65	J	18.2	0.48	mg/Kg	☼	07/17/17 11:00	07/18/17 16:40	1
Arsenic	6.7		2.4	0.48	mg/Kg	☼	07/17/17 11:00	07/18/17 16:40	1
Barium	119		0.61	0.13	mg/Kg	☼	07/17/17 11:00	07/18/17 16:40	1
Beryllium	0.86		0.24	0.034	mg/Kg	☼	07/17/17 11:00	07/18/17 16:40	1
Cadmium	0.61		0.24	0.036	mg/Kg	☼	07/17/17 11:00	07/18/17 16:40	1
Calcium	1580	B	60.5	4.0	mg/Kg	☼	07/17/17 11:00	07/18/17 16:40	1
Chromium	20.7		0.61	0.24	mg/Kg	☼	07/17/17 11:00	07/18/17 16:40	1
Cobalt	13.8		0.61	0.061	mg/Kg	☼	07/17/17 11:00	07/18/17 16:40	1
Copper	22.0		1.2	0.25	mg/Kg	☼	07/17/17 11:00	07/18/17 16:40	1
Iron	28900		12.1	4.2	mg/Kg	☼	07/17/17 11:00	07/18/17 16:40	1
Lead	27.8		1.2	0.29	mg/Kg	☼	07/17/17 11:00	07/18/17 16:40	1
Magnesium	4150		24.2	1.1	mg/Kg	☼	07/17/17 11:00	07/18/17 16:40	1
Manganese	659		0.24	0.039	mg/Kg	☼	07/17/17 11:00	07/18/17 16:40	1
Nickel	25.5		6.1	0.28	mg/Kg	☼	07/17/17 11:00	07/18/17 16:40	1
Potassium	1990		36.3	24.2	mg/Kg	☼	07/17/17 11:00	07/18/17 16:40	1
Selenium	0.78	J	4.8	0.48	mg/Kg	☼	07/17/17 11:00	07/19/17 11:55	1
Silver	ND		0.73	0.24	mg/Kg	☼	07/17/17 11:00	07/18/17 16:40	1
Sodium	81.4	J	169	15.7	mg/Kg	☼	07/17/17 11:00	07/18/17 16:40	1
Thallium	ND		7.3	0.36	mg/Kg	☼	07/17/17 11:00	07/18/17 16:40	1
Vanadium	23.4		0.61	0.13	mg/Kg	☼	07/17/17 11:00	07/18/17 16:40	1
Zinc	147		2.4	0.77	mg/Kg	☼	07/17/17 11:00	07/18/17 16:40	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.053		0.026	0.010	mg/Kg	☼	07/17/17 09:45	07/17/17 12:59	1

Client Sample ID: SS5-0-2-20170713

Lab Sample ID: 480-121130-12
Date Collected: 07/13/17 11:20
Matrix: Solid
Date Received: 07/15/17 01:45
Percent Solids: 77.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.4	0.47	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
1,1,2,2-Tetrachloroethane	ND	vs	6.4	1.0	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
1,1,2-Trichloroethane	ND	vs	6.4	0.84	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.4	1.5	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
1,1-Dichloroethane	ND	vs	6.4	0.79	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
1,1-Dichloroethene	ND	vs	6.4	0.79	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
1,2,4-Trichlorobenzene	ND	vs	6.4	0.39	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.4	3.2	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
1,2-Dichlorobenzene	ND	vs	6.4	0.50	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
1,2-Dichloroethane	ND	vs	6.4	0.32	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
1,2-Dichloropropane	ND	vs	6.4	3.2	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
1,3-Dichlorobenzene	ND	vs	6.4	0.33	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
1,4-Dichlorobenzene	ND	vs	6.4	0.90	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
2-Butanone (MEK)	ND	* vs	32	2.4	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
2-Hexanone	ND	vs	32	3.2	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
4-Methyl-2-pentanone (MIBK)	ND	vs	32	2.1	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
Acetone	ND	vs	32	5.4	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: SS5-0-2-20170713
Date Collected: 07/13/17 11:20
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-12
Matrix: Solid
Percent Solids: 77.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	vs	6.4	0.32	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
Bromodichloromethane	ND	vs	6.4	0.86	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
Bromoform	ND	vs	6.4	3.2	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
Bromomethane	ND	vs	6.4	0.58	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
Carbon disulfide	ND	vs	6.4	3.2	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
Carbon tetrachloride	ND	vs	6.4	0.62	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
Chlorobenzene	ND	vs	6.4	0.85	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
Dibromochloromethane	ND	vs	6.4	0.82	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
Chloroethane	ND	* vs	6.4	1.5	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
Chloroform	ND	vs	6.4	0.40	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
Chloromethane	ND	vs	6.4	0.39	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
cis-1,2-Dichloroethene	ND	vs	6.4	0.82	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
cis-1,3-Dichloropropene	ND	vs	6.4	0.93	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
Cyclohexane	ND	vs	6.4	0.90	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
Dichlorodifluoromethane	ND	vs	6.4	0.53	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
Ethylbenzene	ND	vs	6.4	0.44	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
1,2-Dibromoethane	ND	vs	6.4	0.83	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
Isopropylbenzene	ND	vs	6.4	0.97	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
Methyl acetate	ND	vs	32	3.9	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
Methyl tert-butyl ether	ND	vs	6.4	0.63	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
Methylcyclohexane	ND	vs	6.4	0.98	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
Methylene Chloride	ND	vs	6.4	3.0	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
Styrene	ND	vs	6.4	0.32	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
Tetrachloroethene	ND	vs	6.4	0.86	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
Toluene	ND	vs	6.4	0.49	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
trans-1,2-Dichloroethene	ND	vs	6.4	0.67	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
trans-1,3-Dichloropropene	ND	vs	6.4	2.8	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
Trichloroethene	ND	vs	6.4	1.4	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
Trichlorofluoromethane	ND	vs	6.4	0.61	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
Vinyl chloride	ND	vs	6.4	0.79	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1
Xylenes, Total	ND	vs	13	1.1	ug/Kg	☼	07/24/17 08:55	07/24/17 13:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*71 - 125*	*07/24/17 08:55*	*07/24/17 13:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*64 - 126*	*07/24/17 08:55*	*07/24/17 13:58*	*1*
4-Bromofluorobenzene (Surr)	*89*		*72 - 126*	*07/24/17 08:55*	*07/24/17 13:58*	*1*
Dibromofluoromethane (Surr)	*92*		*60 - 140*	*07/24/17 08:55*	*07/24/17 13:58*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		11000	1600	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
bis (2-chloroisopropyl) ether	ND		11000	2200	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
2,4,5-Trichlorophenol	ND		11000	3000	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
2,4,6-Trichlorophenol	ND		11000	2200	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
2,4-Dichlorophenol	ND		11000	1200	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
2,4-Dimethylphenol	ND		11000	2700	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
2,4-Dinitrophenol	ND		110000	51000	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
2,4-Dinitrotoluene	ND		11000	2300	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
2,6-Dinitrotoluene	ND		11000	1300	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
2-Chloronaphthalene	ND		11000	1800	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: SS5-0-2-20170713
Date Collected: 07/13/17 11:20
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-12
Matrix: Solid
Percent Solids: 77.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		11000	2000	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
2-Methylphenol	ND		11000	1300	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
2-Methylnaphthalene	ND		11000	2200	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
2-Nitroaniline	ND		21000	1600	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
2-Nitrophenol	ND		11000	3100	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
3,3'-Dichlorobenzidine	ND		21000	13000	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
3-Nitroaniline	ND		21000	3000	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
4,6-Dinitro-2-methylphenol	ND		21000	11000	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
4-Bromophenyl phenyl ether	ND		11000	1600	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
4-Chloro-3-methylphenol	ND		11000	2700	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
4-Chloroaniline	ND		11000	2700	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
4-Chlorophenyl phenyl ether	ND		11000	1400	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
4-Methylphenol	ND		21000	1300	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
4-Nitroaniline	ND		21000	5800	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
4-Nitrophenol	ND		21000	7700	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Acenaphthene	ND		11000	1600	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Acenaphthylene	ND		11000	1400	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Acetophenone	ND		11000	1500	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Anthracene	ND		11000	2700	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Atrazine	ND		11000	3800	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Benzaldehyde	ND		11000	8700	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Benzo[a]anthracene	**4100**	**J**	11000	1100	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Benzo[a]pyrene	ND		11000	1600	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Benzo[b]fluoranthene	**3800**	**J**	11000	1700	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Benzo[g,h,i]perylene	ND		11000	1200	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Benzo[k]fluoranthene	ND		11000	1400	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Bis(2-chloroethoxy)methane	ND		11000	2300	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Bis(2-chloroethyl)ether	ND		11000	1400	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Bis(2-ethylhexyl) phthalate	ND		11000	3800	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Butyl benzyl phthalate	ND		11000	1800	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Caprolactam	ND		11000	3300	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Carbazole	ND		11000	1300	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Chrysene	**4500**	**J**	11000	2500	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Dibenz(a,h)anthracene	ND		11000	1900	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Di-n-butyl phthalate	ND		11000	1900	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Di-n-octyl phthalate	ND		11000	1300	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Dibenzofuran	ND		11000	1300	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Diethyl phthalate	ND		11000	1400	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Dimethyl phthalate	ND		11000	1300	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Fluoranthene	**6600**	**J**	11000	1200	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Fluorene	ND		11000	1300	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Hexachlorobenzene	ND		11000	1500	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Hexachlorobutadiene	ND		11000	1600	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Hexachlorocyclopentadiene	ND		11000	1500	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Hexachloroethane	ND		11000	1400	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Indeno[1,2,3-cd]pyrene	ND		11000	1400	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Isophorone	ND		11000	2300	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
N-Nitrosodi-n-propylamine	ND		11000	1900	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
N-Nitrosodiphenylamine	ND		11000	8900	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50

Client Sample ID: SS5-0-2-20170713
Date Collected: 07/13/17 11:20
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-12
Matrix: Solid
Percent Solids: 77.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		11000	1400	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Nitrobenzene	ND		11000	1200	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Pentachlorophenol	ND		21000	11000	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Phenanthrene	**2300**	**J**	11000	1600	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Phenol	ND		11000	1700	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50
Pyrene	**5300**	**J**	11000	1300	ug/Kg	☼	07/17/17 08:05	07/19/17 16:50	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*0*	*X*	*53 - 120*	*07/17/17 08:05*	*07/19/17 16:50*	*50*
Phenol-d5 (Surr)	*0*	*X*	*54 - 120*	*07/17/17 08:05*	*07/19/17 16:50*	*50*
p-Terphenyl-d14 (Surr)	*0*	*X*	*65 - 121*	*07/17/17 08:05*	*07/19/17 16:50*	*50*
2,4,6-Tribromophenol (Surr)	*0*	*X*	*54 - 120*	*07/17/17 08:05*	*07/19/17 16:50*	*50*
2-Fluorobiphenyl	*0*	*X*	*60 - 120*	*07/17/17 08:05*	*07/19/17 16:50*	*50*
2-Fluorophenol (Surr)	*0*	*X*	*52 - 120*	*07/17/17 08:05*	*07/19/17 16:50*	*50*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**2.8**	**J**	11	2.1	ug/Kg	☼	07/18/17 07:31	07/21/17 21:39	5
4,4'-DDE	**12**		11	2.2	ug/Kg	☼	07/18/17 07:31	07/21/17 21:39	5
4,4'-DDT	**26**		11	2.5	ug/Kg	☼	07/18/17 07:31	07/21/17 21:39	5
Aldrin	ND		11	2.6	ug/Kg	☼	07/18/17 07:31	07/21/17 21:39	5
alpha-BHC	ND		11	1.9	ug/Kg	☼	07/18/17 07:31	07/21/17 21:39	5
alpha-Chlordane	ND		11	5.3	ug/Kg	☼	07/18/17 07:31	07/21/17 21:39	5
beta-BHC	ND		11	1.9	ug/Kg	☼	07/18/17 07:31	07/21/17 21:39	5
delta-BHC	ND		11	2.0	ug/Kg	☼	07/18/17 07:31	07/21/17 21:39	5
Dieldrin	ND		11	2.6	ug/Kg	☼	07/18/17 07:31	07/21/17 21:39	5
Endosulfan I	ND		11	2.0	ug/Kg	☼	07/18/17 07:31	07/21/17 21:39	5
Endosulfan II	ND		11	1.9	ug/Kg	☼	07/18/17 07:31	07/21/17 21:39	5
Endosulfan sulfate	ND		11	2.0	ug/Kg	☼	07/18/17 07:31	07/21/17 21:39	5
Endrin	ND		11	2.1	ug/Kg	☼	07/18/17 07:31	07/21/17 21:39	5
Endrin aldehyde	ND		11	2.7	ug/Kg	☼	07/18/17 07:31	07/21/17 21:39	5
Endrin ketone	ND		11	2.6	ug/Kg	☼	07/18/17 07:31	07/21/17 21:39	5
gamma-BHC (Lindane)	ND		11	2.0	ug/Kg	☼	07/18/17 07:31	07/21/17 21:39	5
gamma-Chlordane	ND		11	3.4	ug/Kg	☼	07/18/17 07:31	07/21/17 21:39	5
Heptachlor	ND		11	2.3	ug/Kg	☼	07/18/17 07:31	07/21/17 21:39	5
Heptachlor epoxide	ND		11	2.8	ug/Kg	☼	07/18/17 07:31	07/21/17 21:39	5
Methoxychlor	ND		11	2.2	ug/Kg	☼	07/18/17 07:31	07/21/17 21:39	5
Toxaphene	ND		110	62	ug/Kg	☼	07/18/17 07:31	07/21/17 21:39	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*109*		*45 - 120*	*07/18/17 07:31*	*07/21/17 21:39*	*5*
DCB Decachlorobiphenyl	*162*	*X*	*45 - 120*	*07/18/17 07:31*	*07/21/17 21:39*	*5*
Tetrachloro-m-xylene	*83*		*30 - 124*	*07/18/17 07:31*	*07/21/17 21:39*	*5*
Tetrachloro-m-xylene	*74*		*30 - 124*	*07/18/17 07:31*	*07/21/17 21:39*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**18500**		13.6	6.0	mg/Kg	☼	07/17/17 11:00	07/18/17 16:44	1
Antimony	**0.79**	**J**	20.3	0.54	mg/Kg	☼	07/17/17 11:00	07/18/17 16:44	1
Arsenic	**7.5**		2.7	0.54	mg/Kg	☼	07/17/17 11:00	07/18/17 16:44	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: SS5-0-2-20170713
Date Collected: 07/13/17 11:20
Date Received: 07/15/17 01:45

Lab Sample ID: 480-121130-12
Matrix: Solid
Percent Solids: 77.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	116		0.68	0.15	mg/Kg	☼	07/17/17 11:00	07/18/17 16:44	1
Beryllium	0.77		0.27	0.038	mg/Kg	☼	07/17/17 11:00	07/18/17 16:44	1
Cadmium	2.4		0.27	0.041	mg/Kg	☼	07/17/17 11:00	07/18/17 16:44	1
Calcium	1800	B	67.8	4.5	mg/Kg	☼	07/17/17 11:00	07/18/17 16:44	1
Chromium	22.6		0.68	0.27	mg/Kg	☼	07/17/17 11:00	07/18/17 16:44	1
Cobalt	11.4		0.68	0.068	mg/Kg	☼	07/17/17 11:00	07/18/17 16:44	1
Copper	35.1		1.4	0.28	mg/Kg	☼	07/17/17 11:00	07/18/17 16:44	1
Iron	28700		13.6	4.7	mg/Kg	☼	07/17/17 11:00	07/18/17 16:44	1
Lead	117		1.4	0.33	mg/Kg	☼	07/17/17 11:00	07/18/17 16:44	1
Magnesium	4660		27.1	1.3	mg/Kg	☼	07/17/17 11:00	07/18/17 16:44	1
Manganese	637		0.27	0.043	mg/Kg	☼	07/17/17 11:00	07/18/17 16:44	1
Nickel	23.2		6.8	0.31	mg/Kg	☼	07/17/17 11:00	07/18/17 16:44	1
Potassium	2260		40.7	27.1	mg/Kg	☼	07/17/17 11:00	07/18/17 16:44	1
Selenium	1.8	J	5.4	0.54	mg/Kg	☼	07/17/17 11:00	07/19/17 11:59	1
Silver	ND		0.81	0.27	mg/Kg	☼	07/17/17 11:00	07/18/17 16:44	1
Sodium	129	J	190	17.6	mg/Kg	☼	07/17/17 11:00	07/18/17 16:44	1
Thallium	ND		8.1	0.41	mg/Kg	☼	07/17/17 11:00	07/18/17 16:44	1
Vanadium	25.7		0.68	0.15	mg/Kg	☼	07/17/17 11:00	07/18/17 16:44	1
Zinc	155		2.7	0.87	mg/Kg	☼	07/17/17 11:00	07/18/17 16:44	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.061		0.026	0.011	mg/Kg	☼	07/17/17 09:45	07/17/17 13:00	1

Client Sample ID: MW1-8-12-20170712

Lab Sample ID: 480-121130-1

Date Collected: 07/12/17 13:05

Matrix: Solid

Date Received: 07/15/17 01:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	367118	07/15/17 03:37	CSW	TAL BUF

Client Sample ID: MW1-8-12-20170712

Lab Sample ID: 480-121130-1

Date Collected: 07/12/17 13:05

Matrix: Solid

Date Received: 07/15/17 01:45

Percent Solids: 90.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			367467	07/18/17 10:13	AMM	TAL BUF
Total/NA	Analysis	8260C		1	367407	07/18/17 17:43	AMM	TAL BUF
Total/NA	Prep	3550C			367212	07/17/17 08:05	NMC	TAL BUF
Total/NA	Analysis	8270D		1	367404	07/18/17 16:27	PJQ	TAL BUF
Total/NA	Prep	3550C			367398	07/18/17 07:31	NMC	TAL BUF
Total/NA	Analysis	8081B		1	368156	07/21/17 18:23	MAN	TAL BUF
Total/NA	Prep	3050B			367273	07/17/17 11:00	MJW	TAL BUF
Total/NA	Analysis	6010C		1	367590	07/18/17 15:28	LMH	TAL BUF
Total/NA	Prep	7471B			367236	07/17/17 09:45	MVZ	TAL BUF
Total/NA	Analysis	7471B		1	367331	07/17/17 12:18	MVZ	TAL BUF

Client Sample ID: MW5-8-12-20170712

Lab Sample ID: 480-121130-2

Date Collected: 07/12/17 11:35

Matrix: Solid

Date Received: 07/15/17 01:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	367118	07/15/17 03:37	CSW	TAL BUF

Client Sample ID: MW5-8-12-20170712

Lab Sample ID: 480-121130-2

Date Collected: 07/12/17 11:35

Matrix: Solid

Date Received: 07/15/17 01:45

Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			367467	07/18/17 10:13	AMM	TAL BUF
Total/NA	Analysis	8260C		1	367407	07/18/17 18:08	AMM	TAL BUF
Total/NA	Prep	3550C			367212	07/17/17 08:05	NMC	TAL BUF
Total/NA	Analysis	8270D		5	367404	07/18/17 16:53	PJQ	TAL BUF
Total/NA	Prep	3550C			367398	07/18/17 07:31	NMC	TAL BUF
Total/NA	Analysis	8081B		1	368156	07/21/17 18:43	MAN	TAL BUF
Total/NA	Prep	3050B			367273	07/17/17 11:00	MJW	TAL BUF
Total/NA	Analysis	6010C		1	367590	07/18/17 15:43	LMH	TAL BUF
Total/NA	Prep	7471B			367236	07/17/17 09:45	MVZ	TAL BUF
Total/NA	Analysis	7471B		1	367331	07/17/17 12:20	MVZ	TAL BUF

Client Sample ID: MW2-8-12-20170712 — **Lab Sample ID: 480-121130-3**
Date Collected: 07/12/17 15:10 — **Matrix: Solid**
Date Received: 07/15/17 01:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	367118	07/15/17 03:37	CSW	TAL BUF

Client Sample ID: MW2-8-12-20170712 — **Lab Sample ID: 480-121130-3**
Date Collected: 07/12/17 15:10 — **Matrix: Solid**
Date Received: 07/15/17 01:45 — **Percent Solids: 93.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			367467	07/18/17 10:13	AMM	TAL BUF
Total/NA	Analysis	8260C		1	367407	07/18/17 18:33	AMM	TAL BUF
Total/NA	Prep	3550C			367212	07/17/17 08:05	NMC	TAL BUF
Total/NA	Analysis	8270D		1	367404	07/18/17 17:19	PJQ	TAL BUF
Total/NA	Prep	3550C			367398	07/18/17 07:31	NMC	TAL BUF
Total/NA	Analysis	8081B		1	368156	07/21/17 19:02	MAN	TAL BUF
Total/NA	Prep	3050B			367273	07/17/17 11:00	MJW	TAL BUF
Total/NA	Analysis	6010C		1	367590	07/18/17 15:46	LMH	TAL BUF
Total/NA	Prep	7471B			367236	07/17/17 09:45	MVZ	TAL BUF
Total/NA	Analysis	7471B		1	367331	07/17/17 12:21	MVZ	TAL BUF

Client Sample ID: SS4-0-2-20170712 — **Lab Sample ID: 480-121130-4**
Date Collected: 07/12/17 14:00 — **Matrix: Solid**
Date Received: 07/15/17 01:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	367118	07/15/17 03:37	CSW	TAL BUF

Client Sample ID: SS4-0-2-20170712 — **Lab Sample ID: 480-121130-4**
Date Collected: 07/12/17 14:00 — **Matrix: Solid**
Date Received: 07/15/17 01:45 — **Percent Solids: 84.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			367467	07/18/17 10:13	AMM	TAL BUF
Total/NA	Analysis	8260C		1	367407	07/18/17 18:59	AMM	TAL BUF
Total/NA	Prep	3550C			367212	07/17/17 08:05	NMC	TAL BUF
Total/NA	Analysis	8270D		10	367404	07/18/17 17:46	PJQ	TAL BUF
Total/NA	Prep	3550C			367398	07/18/17 07:31	NMC	TAL BUF
Total/NA	Analysis	8081B		1	368156	07/21/17 19:22	MAN	TAL BUF
Total/NA	Prep	3050B			367273	07/17/17 11:00	MJW	TAL BUF
Total/NA	Analysis	6010C		1	367590	07/18/17 15:50	LMH	TAL BUF
Total/NA	Prep	3050B			367273	07/17/17 11:00	MJW	TAL BUF
Total/NA	Analysis	6010C		2	367858	07/19/17 14:48	LMH	TAL BUF
Total/NA	Prep	7471B			367236	07/17/17 09:45	MVZ	TAL BUF
Total/NA	Analysis	7471B		1	367331	07/17/17 12:23	MVZ	TAL BUF

Client Sample ID: DUPE-20170712 — **Lab Sample ID: 480-121130-5**
Date Collected: 07/12/17 14:00 — **Matrix: Solid**
Date Received: 07/15/17 01:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	367118	07/15/17 03:37	CSW	TAL BUF

Client Sample ID: DUPE-20170712 — **Lab Sample ID: 480-121130-5**
Date Collected: 07/12/17 14:00 — **Matrix: Solid**
Date Received: 07/15/17 01:45 — **Percent Solids: 83.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			367467	07/18/17 10:13	AMM	TAL BUF
Total/NA	Analysis	8260C		1	367407	07/18/17 19:24	AMM	TAL BUF
Total/NA	Prep	3550C			367212	07/17/17 08:05	NMC	TAL BUF
Total/NA	Analysis	8270D		10	367404	07/18/17 18:13	PJQ	TAL BUF
Total/NA	Prep	3550C			367398	07/18/17 07:31	NMC	TAL BUF
Total/NA	Analysis	8081B		1	368156	07/21/17 19:42	MAN	TAL BUF
Total/NA	Prep	3050B			367273	07/17/17 11:00	MJW	TAL BUF
Total/NA	Analysis	6010C		1	367590	07/18/17 15:54	LMH	TAL BUF
Total/NA	Prep	3050B			367273	07/17/17 11:00	MJW	TAL BUF
Total/NA	Analysis	6010C		5	367858	07/19/17 11:37	LMH	TAL BUF
Total/NA	Prep	7471B			367236	07/17/17 09:45	MVZ	TAL BUF
Total/NA	Analysis	7471B		1	367331	07/17/17 12:24	MVZ	TAL BUF

Client Sample ID: SS3-0-2-20170713 — **Lab Sample ID: 480-121130-6**
Date Collected: 07/13/17 07:30 — **Matrix: Solid**
Date Received: 07/15/17 01:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	367118	07/15/17 03:37	CSW	TAL BUF

Client Sample ID: SS3-0-2-20170713 — **Lab Sample ID: 480-121130-6**
Date Collected: 07/13/17 07:30 — **Matrix: Solid**
Date Received: 07/15/17 01:45 — **Percent Solids: 75.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			367467	07/18/17 10:13	AMM	TAL BUF
Total/NA	Analysis	8260C		1	367407	07/18/17 19:50	AMM	TAL BUF
Total/NA	Prep	3550C			367212	07/17/17 08:05	NMC	TAL BUF
Total/NA	Analysis	8270D		5	367404	07/18/17 16:01	PJQ	TAL BUF
Total/NA	Prep	3550C			367398	07/18/17 07:31	NMC	TAL BUF
Total/NA	Analysis	8081B		1	368156	07/21/17 18:04	MAN	TAL BUF
Total/NA	Prep	3050B			367273	07/17/17 11:00	MJW	TAL BUF
Total/NA	Analysis	6010C		1	367590	07/18/17 15:57	LMH	TAL BUF
Total/NA	Prep	7471B			367236	07/17/17 09:45	MVZ	TAL BUF
Total/NA	Analysis	7471B		1	367331	07/17/17 12:26	MVZ	TAL BUF

Client Sample ID: MW4-4-8-20170713 — **Lab Sample ID: 480-121130-7**
Date Collected: 07/13/17 09:00 — **Matrix: Solid**
Date Received: 07/15/17 01:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	367118	07/15/17 03:37	CSW	TAL BUF

Client Sample ID: MW4-4-8-20170713 — **Lab Sample ID: 480-121130-7**
Date Collected: 07/13/17 09:00 — **Matrix: Solid**
Date Received: 07/15/17 01:45 — **Percent Solids: 88.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			368217	07/22/17 08:17	AMM	TAL BUF
Total/NA	Analysis	8260C		1	368206	07/22/17 18:12	AMM	TAL BUF
Total/NA	Prep	3550C			367212	07/17/17 08:05	NMC	TAL BUF
Total/NA	Analysis	8270D		1	367404	07/18/17 18:39	PJQ	TAL BUF
Total/NA	Prep	3550C			367398	07/18/17 07:31	NMC	TAL BUF
Total/NA	Analysis	8081B		1	368156	07/21/17 20:01	MAN	TAL BUF
Total/NA	Prep	3050B			367273	07/17/17 11:00	MJW	TAL BUF
Total/NA	Analysis	6010C		1	367590	07/18/17 16:26	LMH	TAL BUF
Total/NA	Prep	3050B			367273	07/17/17 11:00	MJW	TAL BUF
Total/NA	Analysis	6010C		2	367858	07/19/17 15:06	LMH	TAL BUF
Total/NA	Prep	3050B			367273	07/17/17 11:00	MJW	TAL BUF
Total/NA	Analysis	6010C		5	367858	07/19/17 15:09	LMH	TAL BUF
Total/NA	Prep	7471B			367236	07/17/17 09:45	MVZ	TAL BUF
Total/NA	Analysis	7471B		1	367331	07/17/17 12:35	MVZ	TAL BUF

Client Sample ID: MW3-8-11-20170713 — **Lab Sample ID: 480-121130-8**
Date Collected: 07/13/17 10:10 — **Matrix: Solid**
Date Received: 07/15/17 01:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	367118	07/15/17 03:37	CSW	TAL BUF

Client Sample ID: MW3-8-11-20170713 — **Lab Sample ID: 480-121130-8**
Date Collected: 07/13/17 10:10 — **Matrix: Solid**
Date Received: 07/15/17 01:45 — **Percent Solids: 89.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			368217	07/22/17 08:17	AMM	TAL BUF
Total/NA	Analysis	8260C		1	368206	07/22/17 18:38	AMM	TAL BUF
Total/NA	Prep	3550C			367212	07/17/17 08:05	NMC	TAL BUF
Total/NA	Analysis	8270D		1	367404	07/18/17 19:06	PJQ	TAL BUF
Total/NA	Prep	3550C			367398	07/18/17 07:31	NMC	TAL BUF
Total/NA	Analysis	8081B		1	368156	07/21/17 20:21	MAN	TAL BUF
Total/NA	Prep	3050B			367273	07/17/17 11:00	MJW	TAL BUF
Total/NA	Analysis	6010C		1	367590	07/18/17 16:30	LMH	TAL BUF
Total/NA	Prep	3050B			367273	07/17/17 11:00	MJW	TAL BUF

Client Sample ID: MW3-8-11-20170713

Lab Sample ID: 480-121130-8

Date Collected: 07/13/17 10:10

Matrix: Solid

Date Received: 07/15/17 01:45

Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010C		1	367858	07/19/17 11:44	LMH	TAL BUF
Total/NA	Prep	7471B			367236	07/17/17 09:45	MVZ	TAL BUF
Total/NA	Analysis	7471B		1	367331	07/17/17 12:54	MVZ	TAL BUF

Client Sample ID: SS2-0-2-20170713

Lab Sample ID: 480-121130-9

Date Collected: 07/13/17 10:30

Matrix: Solid

Date Received: 07/15/17 01:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	367118	07/15/17 03:37	CSW	TAL BUF

Client Sample ID: SS2-0-2-20170713

Lab Sample ID: 480-121130-9

Date Collected: 07/13/17 10:30

Matrix: Solid

Date Received: 07/15/17 01:45

Percent Solids: 82.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			367750	07/24/17 08:55	AMM	TAL BUF
Total/NA	Analysis	8260C		1	368285	07/24/17 12:41	AMM	TAL BUF
Total/NA	Prep	3550C			367212	07/17/17 08:05	NMC	TAL BUF
Total/NA	Analysis	8270D		5	367404	07/18/17 19:32	PJQ	TAL BUF
Total/NA	Prep	3550C			367398	07/18/17 07:31	NMC	TAL BUF
Total/NA	Analysis	8081B		1	368156	07/21/17 20:40	MAN	TAL BUF
Total/NA	Prep	3050B			367273	07/17/17 11:00	MJW	TAL BUF
Total/NA	Analysis	6010C		1	367590	07/18/17 16:33	LMH	TAL BUF
Total/NA	Prep	3050B			367273	07/17/17 11:00	MJW	TAL BUF
Total/NA	Analysis	6010C		1	367858	07/19/17 11:48	LMH	TAL BUF
Total/NA	Prep	3050B			367273	07/17/17 11:00	MJW	TAL BUF
Total/NA	Analysis	6010C		2	367858	07/19/17 15:13	LMH	TAL BUF
Total/NA	Prep	7471B			367236	07/17/17 09:45	MVZ	TAL BUF
Total/NA	Analysis	7471B		1	367331	07/17/17 12:56	MVZ	TAL BUF

Client Sample ID: SS4-0-2-20170713

Lab Sample ID: 480-121130-10

Date Collected: 07/13/17 10:45

Matrix: Solid

Date Received: 07/15/17 01:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	367118	07/15/17 03:37	CSW	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: SS4-0-2-20170713

Lab Sample ID: 480-121130-10

Date Collected: 07/13/17 10:45
Matrix: Solid
Date Received: 07/15/17 01:45
Percent Solids: 72.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			367750	07/24/17 08:55	AMM	TAL BUF
Total/NA	Analysis	8260C		1	368285	07/24/17 13:07	AMM	TAL BUF
Total/NA	Prep	3550C			367212	07/17/17 08:05	NMC	TAL BUF
Total/NA	Analysis	8270D		5	367404	07/18/17 19:58	PJQ	TAL BUF
Total/NA	Prep	3550C			367398	07/18/17 07:31	NMC	TAL BUF
Total/NA	Analysis	8081B		1	368156	07/21/17 21:00	MAN	TAL BUF
Total/NA	Prep	3050B			367273	07/17/17 11:00	MJW	TAL BUF
Total/NA	Analysis	6010C		1	367590	07/18/17 16:37	LMH	TAL BUF
Total/NA	Prep	3050B			367273	07/17/17 11:00	MJW	TAL BUF
Total/NA	Analysis	6010C		1	367858	07/19/17 11:52	LMH	TAL BUF
Total/NA	Prep	7471B			367236	07/17/17 09:45	MVZ	TAL BUF
Total/NA	Analysis	7471B		1	367331	07/17/17 12:57	MVZ	TAL BUF

Client Sample ID: SS6-0-2-20170713

Lab Sample ID: 480-121130-11

Date Collected: 07/13/17 11:00
Matrix: Solid
Date Received: 07/15/17 01:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	367118	07/15/17 03:37	CSW	TAL BUF

Client Sample ID: SS6-0-2-20170713

Lab Sample ID: 480-121130-11

Date Collected: 07/13/17 11:00
Matrix: Solid
Date Received: 07/15/17 01:45
Percent Solids: 80.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			367750	07/24/17 08:55	AMM	TAL BUF
Total/NA	Analysis	8260C		1	368285	07/24/17 13:33	AMM	TAL BUF
Total/NA	Prep	3550C			367212	07/17/17 08:05	NMC	TAL BUF
Total/NA	Analysis	8270D		5	367723	07/19/17 16:25	PJQ	TAL BUF
Total/NA	Prep	3550C			367398	07/18/17 07:31	NMC	TAL BUF
Total/NA	Analysis	8081B		1	368156	07/21/17 21:20	MAN	TAL BUF
Total/NA	Prep	3050B			367273	07/17/17 11:00	MJW	TAL BUF
Total/NA	Analysis	6010C		1	367590	07/18/17 16:40	LMH	TAL BUF
Total/NA	Prep	3050B			367273	07/17/17 11:00	MJW	TAL BUF
Total/NA	Analysis	6010C		1	367858	07/19/17 11:55	LMH	TAL BUF
Total/NA	Prep	7471B			367236	07/17/17 09:45	MVZ	TAL BUF
Total/NA	Analysis	7471B		1	367331	07/17/17 12:59	MVZ	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Client Sample ID: SS5-0-2-20170713 — **Lab Sample ID: 480-121130-12**
Date Collected: 07/13/17 11:20 — **Matrix: Solid**
Date Received: 07/15/17 01:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	367118	07/15/17 03:37	CSW	TAL BUF

Client Sample ID: SS5-0-2-20170713 — **Lab Sample ID: 480-121130-12**
Date Collected: 07/13/17 11:20 — **Matrix: Solid**
Date Received: 07/15/17 01:45 — **Percent Solids: 77.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			367750	07/24/17 08:55	AMM	TAL BUF
Total/NA	Analysis	8260C		1	368285	07/24/17 13:58	AMM	TAL BUF
Total/NA	Prep	3550C			367212	07/17/17 08:05	NMC	TAL BUF
Total/NA	Analysis	8270D		50	367723	07/19/17 16:50	PJQ	TAL BUF
Total/NA	Prep	3550C			367398	07/18/17 07:31	NMC	TAL BUF
Total/NA	Analysis	8081B		5	368156	07/21/17 21:39	MAN	TAL BUF
Total/NA	Prep	3050B			367273	07/17/17 11:00	MJW	TAL BUF
Total/NA	Analysis	6010C		1	367590	07/18/17 16:44	LMH	TAL BUF
Total/NA	Prep	3050B			367273	07/17/17 11:00	MJW	TAL BUF
Total/NA	Analysis	6010C		1	367858	07/19/17 11:59	LMH	TAL BUF
Total/NA	Prep	7471B			367236	07/17/17 09:45	MVZ	TAL BUF
Total/NA	Analysis	7471B		1	367331	07/17/17 13:00	MVZ	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-18

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8081B	Organochlorine Pesticides (GC)	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7471B	Mercury (CVAA)	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Sample Summary

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-121130-1	MW1-8-12-20170712	Solid	07/12/17 13:05	07/15/17 01:45
480-121130-2	MW5-8-12-20170712	Solid	07/12/17 11:35	07/15/17 01:45
480-121130-3	MW2-8-12-20170712	Solid	07/12/17 15:10	07/15/17 01:45
480-121130-4	SS4-0-2-20170712	Solid	07/12/17 14:00	07/15/17 01:45
480-121130-5	DUPE-20170712	Solid	07/12/17 14:00	07/15/17 01:45
480-121130-6	SS3-0-2-20170713	Solid	07/13/17 07:30	07/15/17 01:45
480-121130-7	MW4-4-8-20170713	Solid	07/13/17 09:00	07/15/17 01:45
480-121130-8	MW3-8-11-20170713	Solid	07/13/17 10:10	07/15/17 01:45
480-121130-9	SS2-0-2-20170713	Solid	07/13/17 10:30	07/15/17 01:45
480-121130-10	SS4-0-2-20170713	Solid	07/13/17 10:45	07/15/17 01:45
480-121130-11	SS6-0-2-20170713	Solid	07/13/17 11:00	07/15/17 01:45
480-121130-12	SS5-0-2-20170713	Solid	07/13/17 11:20	07/15/17 01:45

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-121130-1

Login Number: 121130

List Source: TestAmerica Buffalo

List Number: 1

Creator: Williams, Christopher S

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

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

480501-Albany

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

480-121130 COC

Client Information	Sampler: Justin Starr	Lab PM: Stone, Judy L	Carrier:	COC No: 480-99694-23729.1
Client Contact: Barbara Firebaugh	Phone: 518-410-9005	E-Mail: judy.stone@testamericainc.com		Page: Page 1 of 2
Company: HDR Inc				Job #:
Address: 16 Corporate Woods Blvd. Ste 204	Due Date Requested: Per DEC callout			
City: Albany	TAT Requested (days): Per DEC callout			
State, Zip: NY, 12211				
Phone: 518-402-9814(Tel)	PO #: Callout ID: 129815			
Email: barbara.firebaugh@hdrinc.com	WO #:			
Project Name: 78 Sheer Rd. #442055	Project #: 48016356			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010C, 7471B	8081B, 8270D	Moisture - Moisture	8260C - TCL list OLM04.2	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N		
MW1-8-12-07122017	7-12-17	1305	G	Solid			X	X	X	X	4	
MW5-8-12-07122017	7-12-17	1135	G	Solid			X	X	X	X	4	
MW2-8-12-20170712	7-12-17	1510	G	Solid			X	X	X	X	4	
SS4-0-2-20170712	7-12-17	1400	G	Solid			X	X	X	X	4	
DUPE-20170712	7-12-17	1400	G	Solid			X	X	X	X	4	
SS3-0-2-20170713	7-13-17	0730	G	Solid		X	X	X	X	X	12	MS/MSD
MW4-4-8-20170713	7-13-17	0900	G	Solid			X	X	X	X	4	
MW3-8-11-20170713	7-13-17	1010	G	Solid			X	X	X	X	4	
SS2-0-2-20170713	7-13-17	1030	G	Solid			X	X	X	X	4	
SS4-0-2-20170713	7-13-17	1045	G	Solid			X	X	X	X	4	
SS6-0-2-20170713	7-13-17	1100	G	Solid			X	X	X	X	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)

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Justin Starr HDR	7/13/17 1655	HDR		7-13-17 1655	TA
2	Tim Fredler	7-14-17 1800	TA		7-15-17 0145	TAS
3						

Custody Seals Intact: Δ Yes Δ No

Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 0.9, 0.8 #1

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7/28/2017

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

480501-Albany

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Justin Starr	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-99694-23729.2
Client Contact: Barbara Firebaugh	Phone: 518-410-9005	E-Mail: judy.stone@testamericainc.com		Page: Page 2 of 2
Company: HDR Inc				Job #:
Address: 16 Corporate Woods Blvd. Ste 204	Due Date Requested: Per DEC Callout			
City: Albany	TAT Requested (days): Per DEC Callout			
State, Zip: NY, 12211				
Phone: 518-402-9814(Tel)	PO #: Callout ID: 129815			
Email: barbara.firebaugh@hdrinc.com	WO #:			
Project Name: 78 Sheer Rd. #442055	Project #: 48016356			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010C, 7471B	8081B, 8270D	Moisture - Moisture	8260C - TCL list OLM04.2	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	N	N	N		
SS5-0-2-20170713	7-13-17	1120	G	Solid			X	X	X	X	4	All 2oz Jars
				Solid								

MDC
7-13-17

Page 65 of 65

7/28/2017

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Justin Starr	7/13/17 1655	HDR	Tim Keller	7-13-17 1655	
Tim Keller	7-14-17 1800	TA		7-15-17 0145	TAS
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		0.9, 0.8 #1

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 480-121588-1
Client Project/Site: 78 Sheer Rd. #442055

For:
New York State D.E.C.
625 Broadway
Division of Environmental Remediation
Albany, New York 12233-7014

Attn: Josh Haugh

Judy Stone

Authorized for release by:
8/7/2017 2:57:12 PM

Judy Stone, Senior Project Manager
(484)685-0868
judy.stone@testamericainc.com

Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
F1	MS and/or MSD Recovery is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

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

GC Semi VOA

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

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
F1	MS and/or MSD Recovery is outside acceptance limits.

Glossary

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

Job ID: 480-121588-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-121588-1

Comments
This report includes data for all requested analyses with the exception of the PFAS analysis which will be reported in job 320-30080 since these samples were shipped directly to and logged in at Sacramento.

Receipt
The samples were received on 7/25/2017 1:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 0.3º C, 0.7º C and 0.8º C.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-370230 recovered above the upper control limit for Acetone and 2-Butanone. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: MW3-20170720 (480-121588-1), DUPE1-20170720 (480-121588-2), MW1-20170720 (480-121588-3), DW1-20170720 (480-121588-4), MW4-20170720 (480-121588-5), MW2-20170720 (480-121588-7), EB1-20170720 (480-121588-8) and TB1-20170720 (480-121588-9).

Method(s) 8260C: The laboratory control sample (LCS) for analytical batch 480-370230 recovered outside control limits for the following analyte: Acetone. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. The following samples are impacted: MW3-20170720 (480-121588-1), DUPE1-20170720 (480-121588-2), MW1-20170720 (480-121588-3), DW1-20170720 (480-121588-4), MW4-20170720 (480-121588-5), MW2-20170720 (480-121588-7), EB1-20170720 (480-121588-8) and TB1-20170720 (480-121588-9).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-370479 recovered above the upper control limit for 2-Hexanone, Acetone, and 2-Butanone (MEK). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: MW5-20170721 (480-121588-6).

Method(s) 8260C: The laboratory control sample (LCS) for analytical batch 480-370479 recovered outside control limits for the following analyte: Acetone. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. The following sample is impacted: MW5-20170721 (480-121588-6).

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

GC/MS Semi VOA
Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-369098 recovered above the upper control limit for 2,4-Dinitrophenol. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following samples are impacted: MW3-20170720 (480-121588-1), DUPE1-20170720 (480-121588-2), MW1-20170720 (480-121588-3), DW1-20170720 (480-121588-4), MW4-20170720 (480-121588-5), MW5-20170721 (480-121588-6), MW2-20170720 (480-121588-7) and EB1-20170720 (480-121588-8).

Method(s) 8270D: Due to an increase in the spiking concentration required for other analytes of interest, the following compounds have been elevated to a level at the upper range of the initial calibration: 3,3'-Dichlorobenzidine. The laboratory control sample (LCS) recovered within acceptable limits for this analyte and has been qualified with an "E" flag. (LCS 480-368715/2-A).

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

GC Semi VOA
Method(s) 8081B: All primary data for analytical batch 368989 are reported from the RTX-CLPI column.

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

Metals
Method(s) 6010C: The % recovery of Post Spike (480-121588-E-5-D PDS) in batch 480-368710 exhibited a result outside the quality control limits for Total Sodium. However, the Serial Dilution of this sample was compliant. Therefore, no corrective action was necessary

Job ID: 480-121588-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Method(s) 6010C: The % recovery of Post Spike (480-121588-F-5-D PDS) in batch 480-368781 exhibited a result outside the quality control limits for Dissolved Sodium. However, the Serial Dilution of this sample was compliant. Therefore, no corrective action was necessary

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.

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

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: MW3-20170720
Date Collected: 07/20/17 13:00
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-1
Matrix: Water

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.40	0.20	ug/L			07/30/17 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*71 - 144*		*07/30/17 22:15*	*1*
4-Bromofluorobenzene	*104*		*72 - 133*		*07/30/17 22:15*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/03/17 17:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/03/17 17:25	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/03/17 17:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/03/17 17:25	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/03/17 17:25	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/03/17 17:25	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/03/17 17:25	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/03/17 17:25	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/03/17 17:25	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/03/17 17:25	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/03/17 17:25	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/03/17 17:25	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/03/17 17:25	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/03/17 17:25	1
2-Hexanone	ND		5.0	1.2	ug/L			08/03/17 17:25	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/03/17 17:25	1
Acetone	ND	*	10	3.0	ug/L			08/03/17 17:25	1
Benzene	ND		1.0	0.41	ug/L			08/03/17 17:25	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/03/17 17:25	1
Bromoform	ND		1.0	0.26	ug/L			08/03/17 17:25	1
Bromomethane	ND		1.0	0.69	ug/L			08/03/17 17:25	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/03/17 17:25	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/03/17 17:25	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/03/17 17:25	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/03/17 17:25	1
Chloroethane	ND		1.0	0.32	ug/L			08/03/17 17:25	1
Chloroform	ND		1.0	0.34	ug/L			08/03/17 17:25	1
Chloromethane	ND		1.0	0.35	ug/L			08/03/17 17:25	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/03/17 17:25	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/03/17 17:25	1
Cyclohexane	ND		1.0	0.18	ug/L			08/03/17 17:25	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/03/17 17:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/03/17 17:25	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/03/17 17:25	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/03/17 17:25	1
Methyl acetate	ND		2.5	1.3	ug/L			08/03/17 17:25	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/03/17 17:25	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/03/17 17:25	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/03/17 17:25	1
Styrene	ND		1.0	0.73	ug/L			08/03/17 17:25	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/03/17 17:25	1
Toluene	ND		1.0	0.51	ug/L			08/03/17 17:25	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: MW3-20170720
Date Collected: 07/20/17 13:00
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/03/17 17:25	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/03/17 17:25	1
Trichloroethene	ND		1.0	0.46	ug/L			08/03/17 17:25	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/03/17 17:25	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/03/17 17:25	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/03/17 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*		*08/03/17 17:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*08/03/17 17:25*	*1*
4-Bromofluorobenzene (Surr)	*86*		*73 - 120*		*08/03/17 17:25*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*08/03/17 17:25*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		07/26/17 07:39	07/27/17 21:26	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		07/26/17 07:39	07/27/17 21:26	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		07/26/17 07:39	07/27/17 21:26	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		07/26/17 07:39	07/27/17 21:26	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		07/26/17 07:39	07/27/17 21:26	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		07/26/17 07:39	07/27/17 21:26	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		07/26/17 07:39	07/27/17 21:26	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		07/26/17 07:39	07/27/17 21:26	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		07/26/17 07:39	07/27/17 21:26	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		07/26/17 07:39	07/27/17 21:26	1
2-Chlorophenol	ND		5.0	0.53	ug/L		07/26/17 07:39	07/27/17 21:26	1
2-Methylphenol	ND		5.0	0.40	ug/L		07/26/17 07:39	07/27/17 21:26	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		07/26/17 07:39	07/27/17 21:26	1
2-Nitroaniline	ND		10	0.42	ug/L		07/26/17 07:39	07/27/17 21:26	1
2-Nitrophenol	ND		5.0	0.48	ug/L		07/26/17 07:39	07/27/17 21:26	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		07/26/17 07:39	07/27/17 21:26	1
3-Nitroaniline	ND		10	0.48	ug/L		07/26/17 07:39	07/27/17 21:26	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		07/26/17 07:39	07/27/17 21:26	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		07/26/17 07:39	07/27/17 21:26	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		07/26/17 07:39	07/27/17 21:26	1
4-Chloroaniline	ND		5.0	0.59	ug/L		07/26/17 07:39	07/27/17 21:26	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		07/26/17 07:39	07/27/17 21:26	1
4-Methylphenol	ND		10	0.36	ug/L		07/26/17 07:39	07/27/17 21:26	1
4-Nitroaniline	ND		10	0.25	ug/L		07/26/17 07:39	07/27/17 21:26	1
4-Nitrophenol	ND		10	1.5	ug/L		07/26/17 07:39	07/27/17 21:26	1
Acenaphthene	ND		5.0	0.41	ug/L		07/26/17 07:39	07/27/17 21:26	1
Acenaphthylene	ND		5.0	0.38	ug/L		07/26/17 07:39	07/27/17 21:26	1
Acetophenone	ND		5.0	0.54	ug/L		07/26/17 07:39	07/27/17 21:26	1
Anthracene	ND		5.0	0.28	ug/L		07/26/17 07:39	07/27/17 21:26	1
Atrazine	ND		5.0	0.46	ug/L		07/26/17 07:39	07/27/17 21:26	1
Benzaldehyde	ND		5.0	0.27	ug/L		07/26/17 07:39	07/27/17 21:26	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		07/26/17 07:39	07/27/17 21:26	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		07/26/17 07:39	07/27/17 21:26	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		07/26/17 07:39	07/27/17 21:26	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		07/26/17 07:39	07/27/17 21:26	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: MW3-20170720
Date Collected: 07/20/17 13:00
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-1
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		07/26/17 07:39	07/27/17 21:26	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		07/26/17 07:39	07/27/17 21:26	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		07/26/17 07:39	07/27/17 21:26	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		07/26/17 07:39	07/27/17 21:26	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		07/26/17 07:39	07/27/17 21:26	1
Caprolactam	ND		5.0	2.2	ug/L		07/26/17 07:39	07/27/17 21:26	1
Carbazole	ND		5.0	0.30	ug/L		07/26/17 07:39	07/27/17 21:26	1
Chrysene	ND		5.0	0.33	ug/L		07/26/17 07:39	07/27/17 21:26	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		07/26/17 07:39	07/27/17 21:26	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		07/26/17 07:39	07/27/17 21:26	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		07/26/17 07:39	07/27/17 21:26	1
Dibenzofuran	ND		10	0.51	ug/L		07/26/17 07:39	07/27/17 21:26	1
Diethyl phthalate	ND		5.0	0.22	ug/L		07/26/17 07:39	07/27/17 21:26	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		07/26/17 07:39	07/27/17 21:26	1
Fluoranthene	ND		5.0	0.40	ug/L		07/26/17 07:39	07/27/17 21:26	1
Fluorene	ND		5.0	0.36	ug/L		07/26/17 07:39	07/27/17 21:26	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		07/26/17 07:39	07/27/17 21:26	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		07/26/17 07:39	07/27/17 21:26	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		07/26/17 07:39	07/27/17 21:26	1
Hexachloroethane	ND		5.0	0.59	ug/L		07/26/17 07:39	07/27/17 21:26	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		07/26/17 07:39	07/27/17 21:26	1
Isophorone	ND		5.0	0.43	ug/L		07/26/17 07:39	07/27/17 21:26	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		07/26/17 07:39	07/27/17 21:26	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		07/26/17 07:39	07/27/17 21:26	1
Naphthalene	**1.4**	**J B**	5.0	0.76	ug/L		07/26/17 07:39	07/27/17 21:26	1
Nitrobenzene	ND		5.0	0.29	ug/L		07/26/17 07:39	07/27/17 21:26	1
Pentachlorophenol	ND		10	2.2	ug/L		07/26/17 07:39	07/27/17 21:26	1
Phenanthrene	ND		5.0	0.44	ug/L		07/26/17 07:39	07/27/17 21:26	1
Phenol	ND		5.0	0.39	ug/L		07/26/17 07:39	07/27/17 21:26	1
Pyrene	ND		5.0	0.34	ug/L		07/26/17 07:39	07/27/17 21:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*88*		*46 - 120*	*07/26/17 07:39*	*07/27/17 21:26*	*1*
Phenol-d5 (Surr)	*51*		*22 - 120*	*07/26/17 07:39*	*07/27/17 21:26*	*1*
p-Terphenyl-d14 (Surr)	*91*		*59 - 136*	*07/26/17 07:39*	*07/27/17 21:26*	*1*
2,4,6-Tribromophenol (Surr)	*101*		*41 - 120*	*07/26/17 07:39*	*07/27/17 21:26*	*1*
2-Fluorobiphenyl	*94*		*48 - 120*	*07/26/17 07:39*	*07/27/17 21:26*	*1*
2-Fluorophenol (Surr)	*67*		*35 - 120*	*07/26/17 07:39*	*07/27/17 21:26*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		07/26/17 14:32	07/27/17 12:31	1
4,4'-DDE	ND		0.050	0.012	ug/L		07/26/17 14:32	07/27/17 12:31	1
4,4'-DDT	ND		0.050	0.011	ug/L		07/26/17 14:32	07/27/17 12:31	1
Aldrin	ND		0.050	0.0081	ug/L		07/26/17 14:32	07/27/17 12:31	1
alpha-BHC	ND		0.050	0.0077	ug/L		07/26/17 14:32	07/27/17 12:31	1
alpha-Chlordane	ND		0.050	0.015	ug/L		07/26/17 14:32	07/27/17 12:31	1
beta-BHC	ND		0.050	0.025	ug/L		07/26/17 14:32	07/27/17 12:31	1
delta-BHC	ND		0.050	0.010	ug/L		07/26/17 14:32	07/27/17 12:31	1
Dieldrin	ND		0.050	0.0098	ug/L		07/26/17 14:32	07/27/17 12:31	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: MW3-20170720
Date Collected: 07/20/17 13:00
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-1
Matrix: Water

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	ND		0.050	0.011	ug/L		07/26/17 14:32	07/27/17 12:31	1
Endosulfan II	ND		0.050	0.012	ug/L		07/26/17 14:32	07/27/17 12:31	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		07/26/17 14:32	07/27/17 12:31	1
Endrin	ND		0.050	0.014	ug/L		07/26/17 14:32	07/27/17 12:31	1
Endrin aldehyde	ND		0.050	0.016	ug/L		07/26/17 14:32	07/27/17 12:31	1
Endrin ketone	ND		0.050	0.012	ug/L		07/26/17 14:32	07/27/17 12:31	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		07/26/17 14:32	07/27/17 12:31	1
gamma-Chlordane	ND		0.050	0.011	ug/L		07/26/17 14:32	07/27/17 12:31	1
Heptachlor	ND		0.050	0.0085	ug/L		07/26/17 14:32	07/27/17 12:31	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		07/26/17 14:32	07/27/17 12:31	1
Methoxychlor	ND		0.050	0.014	ug/L		07/26/17 14:32	07/27/17 12:31	1
Toxaphene	ND		0.50	0.12	ug/L		07/26/17 14:32	07/27/17 12:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*105*		*20 - 120*	*07/26/17 14:32*	*07/27/17 12:31*	*1*
DCB Decachlorobiphenyl	*111*		*20 - 120*	*07/26/17 14:32*	*07/27/17 12:31*	*1*
Tetrachloro-m-xylene	*76*		*44 - 120*	*07/26/17 14:32*	*07/27/17 12:31*	*1*
Tetrachloro-m-xylene	*75*		*44 - 120*	*07/26/17 14:32*	*07/27/17 12:31*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		07/26/17 08:37	07/27/17 11:13	1
Antimony	ND		0.020	0.0068	mg/L		07/26/17 08:37	07/27/17 11:13	1
Arsenic	ND		0.015	0.0056	mg/L		07/26/17 08:37	07/27/17 11:13	1
Barium	**0.18**		0.0020	0.00070	mg/L		07/26/17 08:37	07/27/17 11:13	1
Beryllium	ND		0.0020	0.00030	mg/L		07/26/17 08:37	07/27/17 11:13	1
Cadmium	ND		0.0020	0.00050	mg/L		07/26/17 08:37	07/27/17 11:13	1
Calcium	**50.2**		0.50	0.10	mg/L		07/26/17 08:37	07/27/17 11:13	1
Chromium	ND		0.0040	0.0010	mg/L		07/26/17 08:37	07/27/17 11:13	1
Cobalt	ND		0.0040	0.00063	mg/L		07/26/17 08:37	07/27/17 11:13	1
Copper	ND		0.010	0.0016	mg/L		07/26/17 08:37	07/27/17 11:13	1
Iron	**0.022**	**J**	0.050	0.019	mg/L		07/26/17 08:37	07/27/17 11:13	1
Lead	ND		0.010	0.0030	mg/L		07/26/17 08:37	07/27/17 11:13	1
Magnesium	**15.5**		0.20	0.043	mg/L		07/26/17 08:37	07/27/17 11:13	1
Manganese	**0.28**	**B**	0.0030	0.00040	mg/L		07/26/17 08:37	07/27/17 11:13	1
Nickel	**0.0026**	**J**	0.010	0.0013	mg/L		07/26/17 08:37	07/27/17 11:13	1
Potassium	**1.3**		0.50	0.10	mg/L		07/26/17 08:37	07/27/17 11:13	1
Selenium	ND		0.025	0.0087	mg/L		07/26/17 08:37	07/27/17 11:13	1
Silver	ND		0.0060	0.0017	mg/L		07/26/17 08:37	07/27/17 11:13	1
Sodium	**117**		1.0	0.32	mg/L		07/26/17 08:37	07/27/17 11:13	1
Thallium	ND		0.020	0.010	mg/L		07/26/17 08:37	07/27/17 11:13	1
Vanadium	ND		0.0050	0.0015	mg/L		07/26/17 08:37	07/27/17 11:13	1
Zinc	**0.0043**	**J**	0.010	0.0015	mg/L		07/26/17 08:37	07/27/17 11:13	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		07/28/17 07:32	07/28/17 20:53	1
Antimony	ND		0.020	0.0068	mg/L		07/28/17 07:32	07/28/17 20:53	1
Arsenic	ND		0.015	0.0056	mg/L		07/28/17 07:32	07/28/17 20:53	1
Barium	**0.18**		0.0020	0.00070	mg/L		07/28/17 07:32	07/28/17 20:53	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: MW3-20170720

Lab Sample ID: 480-121588-1

Date Collected: 07/20/17 13:00

Matrix: Water

Date Received: 07/25/17 01:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.0020	0.00030	mg/L		07/28/17 07:32	07/28/17 20:53	1
Cadmium	ND		0.0020	0.00050	mg/L		07/28/17 07:32	07/28/17 20:53	1
Calcium	**52.7**	**B**	0.50	0.10	mg/L		07/28/17 07:32	07/28/17 20:53	1
Chromium	ND		0.0040	0.0010	mg/L		07/28/17 07:32	07/28/17 20:53	1
Cobalt	ND		0.0040	0.00063	mg/L		07/28/17 07:32	07/28/17 20:53	1
Copper	ND		0.010	0.0016	mg/L		07/28/17 07:32	07/28/17 20:53	1
Iron	ND		0.050	0.019	mg/L		07/28/17 07:32	07/28/17 20:53	1
Lead	**0.0039**	**J**	0.010	0.0030	mg/L		07/28/17 07:32	07/28/17 20:53	1
Magnesium	**16.1**		0.20	0.043	mg/L		07/28/17 07:32	07/28/17 20:53	1
Manganese	**0.29**	**B**	0.0030	0.00040	mg/L		07/28/17 07:32	07/28/17 20:53	1
Nickel	**0.0023**	**J**	0.010	0.0013	mg/L		07/28/17 07:32	07/28/17 20:53	1
Potassium	**1.5**	**B**	0.50	0.10	mg/L		07/28/17 07:32	07/28/17 20:53	1
Selenium	ND		0.025	0.0087	mg/L		07/28/17 07:32	07/28/17 20:53	1
Silver	ND		0.0060	0.0017	mg/L		07/28/17 07:32	07/28/17 20:53	1
Sodium	**124**	**B**	1.0	0.32	mg/L		07/28/17 07:32	07/28/17 20:53	1
Thallium	ND		0.020	0.010	mg/L		07/28/17 07:32	07/28/17 20:53	1
Vanadium	ND		0.0050	0.0015	mg/L		07/28/17 07:32	07/28/17 20:53	1
Zinc	**0.0055**	**J B**	0.010	0.0015	mg/L		07/28/17 07:32	07/28/17 20:53	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		07/25/17 09:10	07/25/17 13:29	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		07/28/17 10:10	07/28/17 16:03	1

Client Sample ID: DUPE1-20170720

Lab Sample ID: 480-121588-2

Date Collected: 07/20/17 00:00

Matrix: Water

Date Received: 07/25/17 01:00

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.40	0.20	ug/L			07/30/17 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*71 - 144*		*07/30/17 22:39*	*1*
4-Bromofluorobenzene	*104*		*72 - 133*		*07/30/17 22:39*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/03/17 17:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/03/17 17:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/03/17 17:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/03/17 17:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/03/17 17:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/03/17 17:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/03/17 17:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/03/17 17:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/03/17 17:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/03/17 17:50	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: DUPE1-20170720
Date Collected: 07/20/17 00:00
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/03/17 17:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/03/17 17:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/03/17 17:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/03/17 17:50	1
2-Hexanone	ND		5.0	1.2	ug/L			08/03/17 17:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/03/17 17:50	1
Acetone	ND	*	10	3.0	ug/L			08/03/17 17:50	1
Benzene	ND		1.0	0.41	ug/L			08/03/17 17:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/03/17 17:50	1
Bromoform	ND		1.0	0.26	ug/L			08/03/17 17:50	1
Bromomethane	ND		1.0	0.69	ug/L			08/03/17 17:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/03/17 17:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/03/17 17:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/03/17 17:50	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/03/17 17:50	1
Chloroethane	ND		1.0	0.32	ug/L			08/03/17 17:50	1
Chloroform	ND		1.0	0.34	ug/L			08/03/17 17:50	1
Chloromethane	ND		1.0	0.35	ug/L			08/03/17 17:50	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/03/17 17:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/03/17 17:50	1
Cyclohexane	ND		1.0	0.18	ug/L			08/03/17 17:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/03/17 17:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/03/17 17:50	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/03/17 17:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/03/17 17:50	1
Methyl acetate	ND		2.5	1.3	ug/L			08/03/17 17:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/03/17 17:50	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/03/17 17:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/03/17 17:50	1
Styrene	ND		1.0	0.73	ug/L			08/03/17 17:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/03/17 17:50	1
Toluene	ND		1.0	0.51	ug/L			08/03/17 17:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/03/17 17:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/03/17 17:50	1
Trichloroethene	ND		1.0	0.46	ug/L			08/03/17 17:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/03/17 17:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/03/17 17:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/03/17 17:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/03/17 17:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*08/03/17 17:50*	*1*
4-Bromofluorobenzene (Surr)	*86*		*73 - 120*		*08/03/17 17:50*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*08/03/17 17:50*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		07/26/17 07:39	07/27/17 21:55	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		07/26/17 07:39	07/27/17 21:55	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		07/26/17 07:39	07/27/17 21:55	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: DUPE1-20170720
Date Collected: 07/20/17 00:00
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-2
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		07/26/17 07:39	07/27/17 21:55	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		07/26/17 07:39	07/27/17 21:55	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		07/26/17 07:39	07/27/17 21:55	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		07/26/17 07:39	07/27/17 21:55	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		07/26/17 07:39	07/27/17 21:55	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		07/26/17 07:39	07/27/17 21:55	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		07/26/17 07:39	07/27/17 21:55	1
2-Chlorophenol	ND		5.0	0.53	ug/L		07/26/17 07:39	07/27/17 21:55	1
2-Methylphenol	ND		5.0	0.40	ug/L		07/26/17 07:39	07/27/17 21:55	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		07/26/17 07:39	07/27/17 21:55	1
2-Nitroaniline	ND		10	0.42	ug/L		07/26/17 07:39	07/27/17 21:55	1
2-Nitrophenol	ND		5.0	0.48	ug/L		07/26/17 07:39	07/27/17 21:55	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		07/26/17 07:39	07/27/17 21:55	1
3-Nitroaniline	ND		10	0.48	ug/L		07/26/17 07:39	07/27/17 21:55	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		07/26/17 07:39	07/27/17 21:55	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		07/26/17 07:39	07/27/17 21:55	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		07/26/17 07:39	07/27/17 21:55	1
4-Chloroaniline	ND		5.0	0.59	ug/L		07/26/17 07:39	07/27/17 21:55	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		07/26/17 07:39	07/27/17 21:55	1
4-Methylphenol	ND		10	0.36	ug/L		07/26/17 07:39	07/27/17 21:55	1
4-Nitroaniline	ND		10	0.25	ug/L		07/26/17 07:39	07/27/17 21:55	1
4-Nitrophenol	ND		10	1.5	ug/L		07/26/17 07:39	07/27/17 21:55	1
Acenaphthene	ND		5.0	0.41	ug/L		07/26/17 07:39	07/27/17 21:55	1
Acenaphthylene	ND		5.0	0.38	ug/L		07/26/17 07:39	07/27/17 21:55	1
Acetophenone	ND		5.0	0.54	ug/L		07/26/17 07:39	07/27/17 21:55	1
Anthracene	ND		5.0	0.28	ug/L		07/26/17 07:39	07/27/17 21:55	1
Atrazine	ND		5.0	0.46	ug/L		07/26/17 07:39	07/27/17 21:55	1
Benzaldehyde	ND		5.0	0.27	ug/L		07/26/17 07:39	07/27/17 21:55	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		07/26/17 07:39	07/27/17 21:55	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		07/26/17 07:39	07/27/17 21:55	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		07/26/17 07:39	07/27/17 21:55	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		07/26/17 07:39	07/27/17 21:55	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		07/26/17 07:39	07/27/17 21:55	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		07/26/17 07:39	07/27/17 21:55	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		07/26/17 07:39	07/27/17 21:55	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		07/26/17 07:39	07/27/17 21:55	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		07/26/17 07:39	07/27/17 21:55	1
Caprolactam	ND		5.0	2.2	ug/L		07/26/17 07:39	07/27/17 21:55	1
Carbazole	ND		5.0	0.30	ug/L		07/26/17 07:39	07/27/17 21:55	1
Chrysene	ND		5.0	0.33	ug/L		07/26/17 07:39	07/27/17 21:55	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		07/26/17 07:39	07/27/17 21:55	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		07/26/17 07:39	07/27/17 21:55	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		07/26/17 07:39	07/27/17 21:55	1
Dibenzofuran	ND		10	0.51	ug/L		07/26/17 07:39	07/27/17 21:55	1
Diethyl phthalate	ND		5.0	0.22	ug/L		07/26/17 07:39	07/27/17 21:55	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		07/26/17 07:39	07/27/17 21:55	1
Fluoranthene	ND		5.0	0.40	ug/L		07/26/17 07:39	07/27/17 21:55	1
Fluorene	ND		5.0	0.36	ug/L		07/26/17 07:39	07/27/17 21:55	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		07/26/17 07:39	07/27/17 21:55	1

Client Sample ID: DUPE1-20170720
Date Collected: 07/20/17 00:00
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-2
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		5.0	0.68	ug/L		07/26/17 07:39	07/27/17 21:55	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		07/26/17 07:39	07/27/17 21:55	1
Hexachloroethane	ND		5.0	0.59	ug/L		07/26/17 07:39	07/27/17 21:55	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		07/26/17 07:39	07/27/17 21:55	1
Isophorone	ND		5.0	0.43	ug/L		07/26/17 07:39	07/27/17 21:55	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		07/26/17 07:39	07/27/17 21:55	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		07/26/17 07:39	07/27/17 21:55	1
Naphthalene	ND		5.0	0.76	ug/L		07/26/17 07:39	07/27/17 21:55	1
Nitrobenzene	ND		5.0	0.29	ug/L		07/26/17 07:39	07/27/17 21:55	1
Pentachlorophenol	ND		10	2.2	ug/L		07/26/17 07:39	07/27/17 21:55	1
Phenanthrene	ND		5.0	0.44	ug/L		07/26/17 07:39	07/27/17 21:55	1
Phenol	ND		5.0	0.39	ug/L		07/26/17 07:39	07/27/17 21:55	1
Pyrene	ND		5.0	0.34	ug/L		07/26/17 07:39	07/27/17 21:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*84*		*46 - 120*	*07/26/17 07:39*	*07/27/17 21:55*	*1*
Phenol-d5 (Surr)	*50*		*22 - 120*	*07/26/17 07:39*	*07/27/17 21:55*	*1*
p-Terphenyl-d14 (Surr)	*95*		*59 - 136*	*07/26/17 07:39*	*07/27/17 21:55*	*1*
2,4,6-Tribromophenol (Surr)	*106*		*41 - 120*	*07/26/17 07:39*	*07/27/17 21:55*	*1*
2-Fluorobiphenyl	*88*		*48 - 120*	*07/26/17 07:39*	*07/27/17 21:55*	*1*
2-Fluorophenol (Surr)	*69*		*35 - 120*	*07/26/17 07:39*	*07/27/17 21:55*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		07/26/17 14:32	07/27/17 12:50	1
4,4'-DDE	ND		0.050	0.012	ug/L		07/26/17 14:32	07/27/17 12:50	1
4,4'-DDT	ND		0.050	0.011	ug/L		07/26/17 14:32	07/27/17 12:50	1
Aldrin	ND		0.050	0.0081	ug/L		07/26/17 14:32	07/27/17 12:50	1
alpha-BHC	ND		0.050	0.0077	ug/L		07/26/17 14:32	07/27/17 12:50	1
alpha-Chlordane	ND		0.050	0.015	ug/L		07/26/17 14:32	07/27/17 12:50	1
beta-BHC	ND		0.050	0.025	ug/L		07/26/17 14:32	07/27/17 12:50	1
delta-BHC	ND		0.050	0.010	ug/L		07/26/17 14:32	07/27/17 12:50	1
Dieldrin	ND		0.050	0.0098	ug/L		07/26/17 14:32	07/27/17 12:50	1
Endosulfan I	ND		0.050	0.011	ug/L		07/26/17 14:32	07/27/17 12:50	1
Endosulfan II	ND		0.050	0.012	ug/L		07/26/17 14:32	07/27/17 12:50	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		07/26/17 14:32	07/27/17 12:50	1
Endrin	ND		0.050	0.014	ug/L		07/26/17 14:32	07/27/17 12:50	1
Endrin aldehyde	ND		0.050	0.016	ug/L		07/26/17 14:32	07/27/17 12:50	1
Endrin ketone	ND		0.050	0.012	ug/L		07/26/17 14:32	07/27/17 12:50	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		07/26/17 14:32	07/27/17 12:50	1
gamma-Chlordane	ND		0.050	0.011	ug/L		07/26/17 14:32	07/27/17 12:50	1
Heptachlor	ND		0.050	0.0085	ug/L		07/26/17 14:32	07/27/17 12:50	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		07/26/17 14:32	07/27/17 12:50	1
Methoxychlor	ND		0.050	0.014	ug/L		07/26/17 14:32	07/27/17 12:50	1
Toxaphene	ND		0.50	0.12	ug/L		07/26/17 14:32	07/27/17 12:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*107*		*20 - 120*	*07/26/17 14:32*	*07/27/17 12:50*	*1*
DCB Decachlorobiphenyl	*116*		*20 - 120*	*07/26/17 14:32*	*07/27/17 12:50*	*1*
Tetrachloro-m-xylene	*79*		*44 - 120*	*07/26/17 14:32*	*07/27/17 12:50*	*1*

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: DUPE1-20170720
Date Collected: 07/20/17 00:00
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-2
Matrix: Water

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*81*		*44 - 120*	*07/26/17 14:32*	*07/27/17 12:50*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		07/26/17 08:37	07/27/17 11:17	1
Antimony	ND		0.020	0.0068	mg/L		07/26/17 08:37	07/27/17 11:17	1
Arsenic	ND		0.015	0.0056	mg/L		07/26/17 08:37	07/27/17 11:17	1
Barium	**0.18**		0.0020	0.00070	mg/L		07/26/17 08:37	07/27/17 11:17	1
Beryllium	ND		0.0020	0.00030	mg/L		07/26/17 08:37	07/27/17 11:17	1
Cadmium	ND		0.0020	0.00050	mg/L		07/26/17 08:37	07/27/17 11:17	1
Calcium	**51.3**		0.50	0.10	mg/L		07/26/17 08:37	07/27/17 11:17	1
Chromium	ND		0.0040	0.0010	mg/L		07/26/17 08:37	07/27/17 11:17	1
Cobalt	ND		0.0040	0.00063	mg/L		07/26/17 08:37	07/27/17 11:17	1
Copper	ND		0.010	0.0016	mg/L		07/26/17 08:37	07/27/17 11:17	1
Iron	**0.023**	**J**	0.050	0.019	mg/L		07/26/17 08:37	07/27/17 11:17	1
Lead	ND		0.010	0.0030	mg/L		07/26/17 08:37	07/27/17 11:17	1
Magnesium	**15.9**		0.20	0.043	mg/L		07/26/17 08:37	07/27/17 11:17	1
Manganese	**0.29**	**B**	0.0030	0.00040	mg/L		07/26/17 08:37	07/27/17 11:17	1
Nickel	**0.0022**	**J**	0.010	0.0013	mg/L		07/26/17 08:37	07/27/17 11:17	1
Potassium	**1.4**		0.50	0.10	mg/L		07/26/17 08:37	07/27/17 11:17	1
Selenium	ND		0.025	0.0087	mg/L		07/26/17 08:37	07/27/17 11:17	1
Silver	ND		0.0060	0.0017	mg/L		07/26/17 08:37	07/27/17 11:17	1
Sodium	**120**		1.0	0.32	mg/L		07/26/17 08:37	07/27/17 11:17	1
Thallium	ND		0.020	0.010	mg/L		07/26/17 08:37	07/27/17 11:17	1
Vanadium	ND		0.0050	0.0015	mg/L		07/26/17 08:37	07/27/17 11:17	1
Zinc	**0.0044**	**J**	0.010	0.0015	mg/L		07/26/17 08:37	07/27/17 11:17	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		07/28/17 07:32	07/28/17 20:56	1
Antimony	ND		0.020	0.0068	mg/L		07/28/17 07:32	07/28/17 20:56	1
Arsenic	ND		0.015	0.0056	mg/L		07/28/17 07:32	07/28/17 20:56	1
Barium	**0.18**		0.0020	0.00070	mg/L		07/28/17 07:32	07/28/17 20:56	1
Beryllium	ND		0.0020	0.00030	mg/L		07/28/17 07:32	07/28/17 20:56	1
Cadmium	ND		0.0020	0.00050	mg/L		07/28/17 07:32	07/28/17 20:56	1
Calcium	**53.3**	**B**	0.50	0.10	mg/L		07/28/17 07:32	07/28/17 20:56	1
Chromium	ND		0.0040	0.0010	mg/L		07/28/17 07:32	07/28/17 20:56	1
Cobalt	ND		0.0040	0.00063	mg/L		07/28/17 07:32	07/28/17 20:56	1
Copper	ND		0.010	0.0016	mg/L		07/28/17 07:32	07/28/17 20:56	1
Iron	ND		0.050	0.019	mg/L		07/28/17 07:32	07/28/17 20:56	1
Lead	ND		0.010	0.0030	mg/L		07/28/17 07:32	07/28/17 20:56	1
Magnesium	**16.2**		0.20	0.043	mg/L		07/28/17 07:32	07/28/17 20:56	1
Manganese	**0.29**	**B**	0.0030	0.00040	mg/L		07/28/17 07:32	07/28/17 20:56	1
Nickel	**0.0022**	**J**	0.010	0.0013	mg/L		07/28/17 07:32	07/28/17 20:56	1
Potassium	**1.5**	**B**	0.50	0.10	mg/L		07/28/17 07:32	07/28/17 20:56	1
Selenium	ND		0.025	0.0087	mg/L		07/28/17 07:32	07/28/17 20:56	1
Silver	ND		0.0060	0.0017	mg/L		07/28/17 07:32	07/28/17 20:56	1
Sodium	**125**	**B**	1.0	0.32	mg/L		07/28/17 07:32	07/28/17 20:56	1
Thallium	ND		0.020	0.010	mg/L		07/28/17 07:32	07/28/17 20:56	1

Client Sample ID: DUPE1-20170720

Lab Sample ID: 480-121588-2

Date Collected: 07/20/17 00:00

Matrix: Water

Date Received: 07/25/17 01:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.0050	0.0015	mg/L		07/28/17 07:32	07/28/17 20:56	1
Zinc	**0.0079**	**J B**	0.010	0.0015	mg/L		07/28/17 07:32	07/28/17 20:56	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		07/25/17 09:10	07/25/17 13:31	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		07/28/17 10:10	07/28/17 16:05	1

Client Sample ID: MW1-20170720

Lab Sample ID: 480-121588-3

Date Collected: 07/20/17 10:35

Matrix: Water

Date Received: 07/25/17 01:00

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.40	0.20	ug/L			07/30/17 23:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*71 - 144*		*07/30/17 23:02*	*1*
4-Bromofluorobenzene	*104*		*72 - 133*		*07/30/17 23:02*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/03/17 18:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/03/17 18:15	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/03/17 18:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/03/17 18:15	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/03/17 18:15	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/03/17 18:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/03/17 18:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/03/17 18:15	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/03/17 18:15	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/03/17 18:15	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/03/17 18:15	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/03/17 18:15	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/03/17 18:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/03/17 18:15	1
2-Hexanone	ND		5.0	1.2	ug/L			08/03/17 18:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/03/17 18:15	1
Acetone	ND	*	10	3.0	ug/L			08/03/17 18:15	1
Benzene	ND		1.0	0.41	ug/L			08/03/17 18:15	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/03/17 18:15	1
Bromoform	ND		1.0	0.26	ug/L			08/03/17 18:15	1
Bromomethane	ND		1.0	0.69	ug/L			08/03/17 18:15	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/03/17 18:15	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/03/17 18:15	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/03/17 18:15	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/03/17 18:15	1
Chloroethane	ND		1.0	0.32	ug/L			08/03/17 18:15	1

Client Sample ID: MW1-20170720
Date Collected: 07/20/17 10:35
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0	0.34	ug/L			08/03/17 18:15	1
Chloromethane	ND		1.0	0.35	ug/L			08/03/17 18:15	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/03/17 18:15	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/03/17 18:15	1
Cyclohexane	ND		1.0	0.18	ug/L			08/03/17 18:15	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/03/17 18:15	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/03/17 18:15	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/03/17 18:15	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/03/17 18:15	1
Methyl acetate	ND		2.5	1.3	ug/L			08/03/17 18:15	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/03/17 18:15	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/03/17 18:15	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/03/17 18:15	1
Styrene	ND		1.0	0.73	ug/L			08/03/17 18:15	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/03/17 18:15	1
Toluene	ND		1.0	0.51	ug/L			08/03/17 18:15	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/03/17 18:15	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/03/17 18:15	1
Trichloroethene	ND		1.0	0.46	ug/L			08/03/17 18:15	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/03/17 18:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/03/17 18:15	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/03/17 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*08/03/17 18:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*08/03/17 18:15*	*1*
4-Bromofluorobenzene (Surr)	*86*		*73 - 120*		*08/03/17 18:15*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*08/03/17 18:15*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		07/26/17 07:39	07/27/17 22:23	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		07/26/17 07:39	07/27/17 22:23	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		07/26/17 07:39	07/27/17 22:23	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		07/26/17 07:39	07/27/17 22:23	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		07/26/17 07:39	07/27/17 22:23	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		07/26/17 07:39	07/27/17 22:23	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		07/26/17 07:39	07/27/17 22:23	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		07/26/17 07:39	07/27/17 22:23	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		07/26/17 07:39	07/27/17 22:23	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		07/26/17 07:39	07/27/17 22:23	1
2-Chlorophenol	ND		5.0	0.53	ug/L		07/26/17 07:39	07/27/17 22:23	1
2-Methylphenol	ND		5.0	0.40	ug/L		07/26/17 07:39	07/27/17 22:23	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		07/26/17 07:39	07/27/17 22:23	1
2-Nitroaniline	ND		10	0.42	ug/L		07/26/17 07:39	07/27/17 22:23	1
2-Nitrophenol	ND		5.0	0.48	ug/L		07/26/17 07:39	07/27/17 22:23	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		07/26/17 07:39	07/27/17 22:23	1
3-Nitroaniline	ND		10	0.48	ug/L		07/26/17 07:39	07/27/17 22:23	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		07/26/17 07:39	07/27/17 22:23	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		07/26/17 07:39	07/27/17 22:23	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: MW1-20170720
Date Collected: 07/20/17 10:35
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-3
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		07/26/17 07:39	07/27/17 22:23	1
4-Chloroaniline	ND		5.0	0.59	ug/L		07/26/17 07:39	07/27/17 22:23	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		07/26/17 07:39	07/27/17 22:23	1
4-Methylphenol	ND		10	0.36	ug/L		07/26/17 07:39	07/27/17 22:23	1
4-Nitroaniline	ND		10	0.25	ug/L		07/26/17 07:39	07/27/17 22:23	1
4-Nitrophenol	ND		10	1.5	ug/L		07/26/17 07:39	07/27/17 22:23	1
Acenaphthene	ND		5.0	0.41	ug/L		07/26/17 07:39	07/27/17 22:23	1
Acenaphthylene	ND		5.0	0.38	ug/L		07/26/17 07:39	07/27/17 22:23	1
Acetophenone	ND		5.0	0.54	ug/L		07/26/17 07:39	07/27/17 22:23	1
Anthracene	ND		5.0	0.28	ug/L		07/26/17 07:39	07/27/17 22:23	1
Atrazine	ND		5.0	0.46	ug/L		07/26/17 07:39	07/27/17 22:23	1
Benzaldehyde	ND		5.0	0.27	ug/L		07/26/17 07:39	07/27/17 22:23	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		07/26/17 07:39	07/27/17 22:23	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		07/26/17 07:39	07/27/17 22:23	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		07/26/17 07:39	07/27/17 22:23	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		07/26/17 07:39	07/27/17 22:23	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		07/26/17 07:39	07/27/17 22:23	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		07/26/17 07:39	07/27/17 22:23	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		07/26/17 07:39	07/27/17 22:23	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		07/26/17 07:39	07/27/17 22:23	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		07/26/17 07:39	07/27/17 22:23	1
Caprolactam	ND		5.0	2.2	ug/L		07/26/17 07:39	07/27/17 22:23	1
Carbazole	ND		5.0	0.30	ug/L		07/26/17 07:39	07/27/17 22:23	1
Chrysene	ND		5.0	0.33	ug/L		07/26/17 07:39	07/27/17 22:23	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		07/26/17 07:39	07/27/17 22:23	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		07/26/17 07:39	07/27/17 22:23	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		07/26/17 07:39	07/27/17 22:23	1
Dibenzofuran	ND		10	0.51	ug/L		07/26/17 07:39	07/27/17 22:23	1
Diethyl phthalate	ND		5.0	0.22	ug/L		07/26/17 07:39	07/27/17 22:23	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		07/26/17 07:39	07/27/17 22:23	1
Fluoranthene	ND		5.0	0.40	ug/L		07/26/17 07:39	07/27/17 22:23	1
Fluorene	ND		5.0	0.36	ug/L		07/26/17 07:39	07/27/17 22:23	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		07/26/17 07:39	07/27/17 22:23	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		07/26/17 07:39	07/27/17 22:23	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		07/26/17 07:39	07/27/17 22:23	1
Hexachloroethane	ND		5.0	0.59	ug/L		07/26/17 07:39	07/27/17 22:23	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		07/26/17 07:39	07/27/17 22:23	1
Isophorone	ND		5.0	0.43	ug/L		07/26/17 07:39	07/27/17 22:23	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		07/26/17 07:39	07/27/17 22:23	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		07/26/17 07:39	07/27/17 22:23	1
Naphthalene	ND		5.0	0.76	ug/L		07/26/17 07:39	07/27/17 22:23	1
Nitrobenzene	ND		5.0	0.29	ug/L		07/26/17 07:39	07/27/17 22:23	1
Pentachlorophenol	ND		10	2.2	ug/L		07/26/17 07:39	07/27/17 22:23	1
Phenanthrene	ND		5.0	0.44	ug/L		07/26/17 07:39	07/27/17 22:23	1
Phenol	ND		5.0	0.39	ug/L		07/26/17 07:39	07/27/17 22:23	1
Pyrene	ND		5.0	0.34	ug/L		07/26/17 07:39	07/27/17 22:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*87*		*46 - 120*	*07/26/17 07:39*	*07/27/17 22:23*	*1*
Phenol-d5 (Surr)	*46*		*22 - 120*	*07/26/17 07:39*	*07/27/17 22:23*	*1*

Client Sample ID: MW1-20170720
Date Collected: 07/20/17 10:35
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-3
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*86*		*59 - 136*	*07/26/17 07:39*	*07/27/17 22:23*	*1*
2,4,6-Tribromophenol (Surr)	*91*		*41 - 120*	*07/26/17 07:39*	*07/27/17 22:23*	*1*
2-Fluorobiphenyl	*75*		*48 - 120*	*07/26/17 07:39*	*07/27/17 22:23*	*1*
2-Fluorophenol (Surr)	*56*		*35 - 120*	*07/26/17 07:39*	*07/27/17 22:23*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		07/26/17 14:32	07/27/17 13:10	1
4,4'-DDE	ND		0.050	0.012	ug/L		07/26/17 14:32	07/27/17 13:10	1
4,4'-DDT	ND		0.050	0.011	ug/L		07/26/17 14:32	07/27/17 13:10	1
Aldrin	ND		0.050	0.0081	ug/L		07/26/17 14:32	07/27/17 13:10	1
alpha-BHC	ND		0.050	0.0077	ug/L		07/26/17 14:32	07/27/17 13:10	1
alpha-Chlordane	ND		0.050	0.015	ug/L		07/26/17 14:32	07/27/17 13:10	1
beta-BHC	ND		0.050	0.025	ug/L		07/26/17 14:32	07/27/17 13:10	1
delta-BHC	ND		0.050	0.010	ug/L		07/26/17 14:32	07/27/17 13:10	1
Dieldrin	ND		0.050	0.0098	ug/L		07/26/17 14:32	07/27/17 13:10	1
Endosulfan I	ND		0.050	0.011	ug/L		07/26/17 14:32	07/27/17 13:10	1
Endosulfan II	ND		0.050	0.012	ug/L		07/26/17 14:32	07/27/17 13:10	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		07/26/17 14:32	07/27/17 13:10	1
Endrin	ND		0.050	0.014	ug/L		07/26/17 14:32	07/27/17 13:10	1
Endrin aldehyde	ND		0.050	0.016	ug/L		07/26/17 14:32	07/27/17 13:10	1
Endrin ketone	ND		0.050	0.012	ug/L		07/26/17 14:32	07/27/17 13:10	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		07/26/17 14:32	07/27/17 13:10	1
gamma-Chlordane	ND		0.050	0.011	ug/L		07/26/17 14:32	07/27/17 13:10	1
Heptachlor	ND		0.050	0.0085	ug/L		07/26/17 14:32	07/27/17 13:10	1
Heptachlor epoxide	**0.036**	**J**	0.050	0.0074	ug/L		07/26/17 14:32	07/27/17 13:10	1
Methoxychlor	ND		0.050	0.014	ug/L		07/26/17 14:32	07/27/17 13:10	1
Toxaphene	ND		0.50	0.12	ug/L		07/26/17 14:32	07/27/17 13:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*93*		*20 - 120*	*07/26/17 14:32*	*07/27/17 13:10*	*1*
DCB Decachlorobiphenyl	*94*		*20 - 120*	*07/26/17 14:32*	*07/27/17 13:10*	*1*
Tetrachloro-m-xylene	*75*		*44 - 120*	*07/26/17 14:32*	*07/27/17 13:10*	*1*
Tetrachloro-m-xylene	*74*		*44 - 120*	*07/26/17 14:32*	*07/27/17 13:10*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		07/26/17 08:37	07/27/17 11:20	1
Antimony	ND		0.020	0.0068	mg/L		07/26/17 08:37	07/27/17 11:20	1
Arsenic	ND		0.015	0.0056	mg/L		07/26/17 08:37	07/27/17 11:20	1
Barium	**0.15**		0.0020	0.00070	mg/L		07/26/17 08:37	07/27/17 11:20	1
Beryllium	ND		0.0020	0.00030	mg/L		07/26/17 08:37	07/27/17 11:20	1
Cadmium	ND		0.0020	0.00050	mg/L		07/26/17 08:37	07/27/17 11:20	1
Calcium	**34.1**		0.50	0.10	mg/L		07/26/17 08:37	07/27/17 11:20	1
Chromium	ND		0.0040	0.0010	mg/L		07/26/17 08:37	07/27/17 11:20	1
Cobalt	ND		0.0040	0.00063	mg/L		07/26/17 08:37	07/27/17 11:20	1
Copper	ND		0.010	0.0016	mg/L		07/26/17 08:37	07/27/17 11:20	1
Iron	ND		0.050	0.019	mg/L		07/26/17 08:37	07/27/17 11:20	1
Lead	ND		0.010	0.0030	mg/L		07/26/17 08:37	07/27/17 11:20	1
Magnesium	**13.3**		0.20	0.043	mg/L		07/26/17 08:37	07/27/17 11:20	1

Client Sample ID: MW1-20170720

Lab Sample ID: 480-121588-3

Date Collected: 07/20/17 10:35

Matrix: Water

Date Received: 07/25/17 01:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.16**	**B**	0.0030	0.00040	mg/L		07/26/17 08:37	07/27/17 11:20	1
Nickel	ND		0.010	0.0013	mg/L		07/26/17 08:37	07/27/17 11:20	1
Potassium	**0.88**		0.50	0.10	mg/L		07/26/17 08:37	07/27/17 11:20	1
Selenium	ND		0.025	0.0087	mg/L		07/26/17 08:37	07/27/17 11:20	1
Silver	ND		0.0060	0.0017	mg/L		07/26/17 08:37	07/27/17 11:20	1
Sodium	**72.0**		1.0	0.32	mg/L		07/26/17 08:37	07/27/17 11:20	1
Thallium	ND		0.020	0.010	mg/L		07/26/17 08:37	07/27/17 11:20	1
Vanadium	ND		0.0050	0.0015	mg/L		07/26/17 08:37	07/27/17 11:20	1
Zinc	**0.0025**	**J**	0.010	0.0015	mg/L		07/26/17 08:37	07/27/17 11:20	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		07/28/17 07:32	07/28/17 21:00	1
Antimony	ND		0.020	0.0068	mg/L		07/28/17 07:32	07/28/17 21:00	1
Arsenic	ND		0.015	0.0056	mg/L		07/28/17 07:32	07/28/17 21:00	1
Barium	**0.15**		0.0020	0.00070	mg/L		07/28/17 07:32	07/28/17 21:00	1
Beryllium	ND		0.0020	0.00030	mg/L		07/28/17 07:32	07/28/17 21:00	1
Cadmium	ND		0.0020	0.00050	mg/L		07/28/17 07:32	07/28/17 21:00	1
Calcium	**35.1**	**B**	0.50	0.10	mg/L		07/28/17 07:32	07/28/17 21:00	1
Chromium	ND		0.0040	0.0010	mg/L		07/28/17 07:32	07/28/17 21:00	1
Cobalt	ND		0.0040	0.00063	mg/L		07/28/17 07:32	07/28/17 21:00	1
Copper	ND		0.010	0.0016	mg/L		07/28/17 07:32	07/28/17 21:00	1
Iron	ND		0.050	0.019	mg/L		07/28/17 07:32	07/28/17 21:00	1
Lead	ND		0.010	0.0030	mg/L		07/28/17 07:32	07/28/17 21:00	1
Magnesium	**13.5**		0.20	0.043	mg/L		07/28/17 07:32	07/28/17 21:00	1
Manganese	**0.17**	**B**	0.0030	0.00040	mg/L		07/28/17 07:32	07/28/17 21:00	1
Nickel	ND		0.010	0.0013	mg/L		07/28/17 07:32	07/28/17 21:00	1
Potassium	**1.1**	**B**	0.50	0.10	mg/L		07/28/17 07:32	07/28/17 21:00	1
Selenium	ND		0.025	0.0087	mg/L		07/28/17 07:32	07/28/17 21:00	1
Silver	ND		0.0060	0.0017	mg/L		07/28/17 07:32	07/28/17 21:00	1
Sodium	**75.4**	**B**	1.0	0.32	mg/L		07/28/17 07:32	07/28/17 21:00	1
Thallium	ND		0.020	0.010	mg/L		07/28/17 07:32	07/28/17 21:00	1
Vanadium	ND		0.0050	0.0015	mg/L		07/28/17 07:32	07/28/17 21:00	1
Zinc	**0.0075**	**J B**	0.010	0.0015	mg/L		07/28/17 07:32	07/28/17 21:00	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		07/25/17 09:10	07/25/17 13:33	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		07/28/17 10:10	07/28/17 16:06	1

Client Sample ID: DW1-20170720

Lab Sample ID: 480-121588-4

Date Collected: 07/20/17 16:00

Matrix: Water

Date Received: 07/25/17 01:00

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.40	0.20	ug/L			07/30/17 23:25	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: DW1-20170720
Date Collected: 07/20/17 16:00
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-4
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*98*		*71 - 144*		*07/30/17 23:25*	*1*
4-Bromofluorobenzene	*104*		*72 - 133*		*07/30/17 23:25*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/03/17 18:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/03/17 18:40	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/03/17 18:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/03/17 18:40	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/03/17 18:40	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/03/17 18:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/03/17 18:40	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/03/17 18:40	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/03/17 18:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/03/17 18:40	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/03/17 18:40	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/03/17 18:40	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/03/17 18:40	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/03/17 18:40	1
2-Hexanone	ND		5.0	1.2	ug/L			08/03/17 18:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/03/17 18:40	1
Acetone	ND	*	10	3.0	ug/L			08/03/17 18:40	1
Benzene	ND		1.0	0.41	ug/L			08/03/17 18:40	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/03/17 18:40	1
Bromoform	ND		1.0	0.26	ug/L			08/03/17 18:40	1
Bromomethane	ND		1.0	0.69	ug/L			08/03/17 18:40	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/03/17 18:40	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/03/17 18:40	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/03/17 18:40	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/03/17 18:40	1
Chloroethane	ND		1.0	0.32	ug/L			08/03/17 18:40	1
Chloroform	ND		1.0	0.34	ug/L			08/03/17 18:40	1
Chloromethane	ND		1.0	0.35	ug/L			08/03/17 18:40	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/03/17 18:40	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/03/17 18:40	1
Cyclohexane	ND		1.0	0.18	ug/L			08/03/17 18:40	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/03/17 18:40	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/03/17 18:40	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/03/17 18:40	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/03/17 18:40	1
Methyl acetate	ND		2.5	1.3	ug/L			08/03/17 18:40	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/03/17 18:40	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/03/17 18:40	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/03/17 18:40	1
Styrene	ND		1.0	0.73	ug/L			08/03/17 18:40	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/03/17 18:40	1
Toluene	ND		1.0	0.51	ug/L			08/03/17 18:40	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/03/17 18:40	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/03/17 18:40	1
Trichloroethene	ND		1.0	0.46	ug/L			08/03/17 18:40	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: DW1-20170720
Date Collected: 07/20/17 16:00
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/03/17 18:40	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/03/17 18:40	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/03/17 18:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/03/17 18:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*		*08/03/17 18:40*	*1*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*		*08/03/17 18:40*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*08/03/17 18:40*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		07/26/17 07:39	07/27/17 22:52	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		07/26/17 07:39	07/27/17 22:52	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		07/26/17 07:39	07/27/17 22:52	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		07/26/17 07:39	07/27/17 22:52	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		07/26/17 07:39	07/27/17 22:52	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		07/26/17 07:39	07/27/17 22:52	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		07/26/17 07:39	07/27/17 22:52	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		07/26/17 07:39	07/27/17 22:52	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		07/26/17 07:39	07/27/17 22:52	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		07/26/17 07:39	07/27/17 22:52	1
2-Chlorophenol	ND		5.0	0.53	ug/L		07/26/17 07:39	07/27/17 22:52	1
2-Methylphenol	ND		5.0	0.40	ug/L		07/26/17 07:39	07/27/17 22:52	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		07/26/17 07:39	07/27/17 22:52	1
2-Nitroaniline	ND		10	0.42	ug/L		07/26/17 07:39	07/27/17 22:52	1
2-Nitrophenol	ND		5.0	0.48	ug/L		07/26/17 07:39	07/27/17 22:52	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		07/26/17 07:39	07/27/17 22:52	1
3-Nitroaniline	ND		10	0.48	ug/L		07/26/17 07:39	07/27/17 22:52	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		07/26/17 07:39	07/27/17 22:52	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		07/26/17 07:39	07/27/17 22:52	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		07/26/17 07:39	07/27/17 22:52	1
4-Chloroaniline	ND		5.0	0.59	ug/L		07/26/17 07:39	07/27/17 22:52	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		07/26/17 07:39	07/27/17 22:52	1
4-Methylphenol	ND		10	0.36	ug/L		07/26/17 07:39	07/27/17 22:52	1
4-Nitroaniline	ND		10	0.25	ug/L		07/26/17 07:39	07/27/17 22:52	1
4-Nitrophenol	ND		10	1.5	ug/L		07/26/17 07:39	07/27/17 22:52	1
Acenaphthene	ND		5.0	0.41	ug/L		07/26/17 07:39	07/27/17 22:52	1
Acenaphthylene	ND		5.0	0.38	ug/L		07/26/17 07:39	07/27/17 22:52	1
Acetophenone	ND		5.0	0.54	ug/L		07/26/17 07:39	07/27/17 22:52	1
Anthracene	ND		5.0	0.28	ug/L		07/26/17 07:39	07/27/17 22:52	1
Atrazine	ND		5.0	0.46	ug/L		07/26/17 07:39	07/27/17 22:52	1
Benzaldehyde	ND		5.0	0.27	ug/L		07/26/17 07:39	07/27/17 22:52	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		07/26/17 07:39	07/27/17 22:52	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		07/26/17 07:39	07/27/17 22:52	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		07/26/17 07:39	07/27/17 22:52	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		07/26/17 07:39	07/27/17 22:52	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		07/26/17 07:39	07/27/17 22:52	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		07/26/17 07:39	07/27/17 22:52	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		07/26/17 07:39	07/27/17 22:52	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: DW1-20170720
Date Collected: 07/20/17 16:00
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-4
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		07/26/17 07:39	07/27/17 22:52	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		07/26/17 07:39	07/27/17 22:52	1
Caprolactam	ND		5.0	2.2	ug/L		07/26/17 07:39	07/27/17 22:52	1
Carbazole	ND		5.0	0.30	ug/L		07/26/17 07:39	07/27/17 22:52	1
Chrysene	ND		5.0	0.33	ug/L		07/26/17 07:39	07/27/17 22:52	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		07/26/17 07:39	07/27/17 22:52	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		07/26/17 07:39	07/27/17 22:52	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		07/26/17 07:39	07/27/17 22:52	1
Dibenzofuran	ND		10	0.51	ug/L		07/26/17 07:39	07/27/17 22:52	1
Diethyl phthalate	ND		5.0	0.22	ug/L		07/26/17 07:39	07/27/17 22:52	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		07/26/17 07:39	07/27/17 22:52	1
Fluoranthene	ND		5.0	0.40	ug/L		07/26/17 07:39	07/27/17 22:52	1
Fluorene	ND		5.0	0.36	ug/L		07/26/17 07:39	07/27/17 22:52	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		07/26/17 07:39	07/27/17 22:52	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		07/26/17 07:39	07/27/17 22:52	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		07/26/17 07:39	07/27/17 22:52	1
Hexachloroethane	ND		5.0	0.59	ug/L		07/26/17 07:39	07/27/17 22:52	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		07/26/17 07:39	07/27/17 22:52	1
Isophorone	ND		5.0	0.43	ug/L		07/26/17 07:39	07/27/17 22:52	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		07/26/17 07:39	07/27/17 22:52	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		07/26/17 07:39	07/27/17 22:52	1
Naphthalene	ND		5.0	0.76	ug/L		07/26/17 07:39	07/27/17 22:52	1
Nitrobenzene	ND		5.0	0.29	ug/L		07/26/17 07:39	07/27/17 22:52	1
Pentachlorophenol	ND		10	2.2	ug/L		07/26/17 07:39	07/27/17 22:52	1
Phenanthrene	ND		5.0	0.44	ug/L		07/26/17 07:39	07/27/17 22:52	1
Phenol	ND		5.0	0.39	ug/L		07/26/17 07:39	07/27/17 22:52	1
Pyrene	ND		5.0	0.34	ug/L		07/26/17 07:39	07/27/17 22:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*88*		*46 - 120*	*07/26/17 07:39*	*07/27/17 22:52*	*1*
Phenol-d5 (Surr)	*51*		*22 - 120*	*07/26/17 07:39*	*07/27/17 22:52*	*1*
p-Terphenyl-d14 (Surr)	*97*		*59 - 136*	*07/26/17 07:39*	*07/27/17 22:52*	*1*
2,4,6-Tribromophenol (Surr)	*97*		*41 - 120*	*07/26/17 07:39*	*07/27/17 22:52*	*1*
2-Fluorobiphenyl	*99*		*48 - 120*	*07/26/17 07:39*	*07/27/17 22:52*	*1*
2-Fluorophenol (Surr)	*71*		*35 - 120*	*07/26/17 07:39*	*07/27/17 22:52*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		07/26/17 14:32	07/27/17 13:30	1
4,4'-DDE	ND		0.050	0.012	ug/L		07/26/17 14:32	07/27/17 13:30	1
4,4'-DDT	ND		0.050	0.011	ug/L		07/26/17 14:32	07/27/17 13:30	1
Aldrin	ND		0.050	0.0081	ug/L		07/26/17 14:32	07/27/17 13:30	1
alpha-BHC	ND		0.050	0.0077	ug/L		07/26/17 14:32	07/27/17 13:30	1
alpha-Chlordane	ND		0.050	0.015	ug/L		07/26/17 14:32	07/27/17 13:30	1
beta-BHC	ND		0.050	0.025	ug/L		07/26/17 14:32	07/27/17 13:30	1
delta-BHC	ND		0.050	0.010	ug/L		07/26/17 14:32	07/27/17 13:30	1
Dieldrin	ND		0.050	0.0098	ug/L		07/26/17 14:32	07/27/17 13:30	1
Endosulfan I	ND		0.050	0.011	ug/L		07/26/17 14:32	07/27/17 13:30	1
Endosulfan II	ND		0.050	0.012	ug/L		07/26/17 14:32	07/27/17 13:30	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		07/26/17 14:32	07/27/17 13:30	1

Client Sample ID: DW1-20170720
Date Collected: 07/20/17 16:00
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-4
Matrix: Water

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin	ND		0.050	0.014	ug/L		07/26/17 14:32	07/27/17 13:30	1
Endrin aldehyde	ND		0.050	0.016	ug/L		07/26/17 14:32	07/27/17 13:30	1
Endrin ketone	ND		0.050	0.012	ug/L		07/26/17 14:32	07/27/17 13:30	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		07/26/17 14:32	07/27/17 13:30	1
gamma-Chlordane	ND		0.050	0.011	ug/L		07/26/17 14:32	07/27/17 13:30	1
Heptachlor	ND		0.050	0.0085	ug/L		07/26/17 14:32	07/27/17 13:30	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		07/26/17 14:32	07/27/17 13:30	1
Methoxychlor	ND		0.050	0.014	ug/L		07/26/17 14:32	07/27/17 13:30	1
Toxaphene	ND		0.50	0.12	ug/L		07/26/17 14:32	07/27/17 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*90*		*20 - 120*	*07/26/17 14:32*	*07/27/17 13:30*	*1*
DCB Decachlorobiphenyl	*89*		*20 - 120*	*07/26/17 14:32*	*07/27/17 13:30*	*1*
Tetrachloro-m-xylene	*74*		*44 - 120*	*07/26/17 14:32*	*07/27/17 13:30*	*1*
Tetrachloro-m-xylene	*72*		*44 - 120*	*07/26/17 14:32*	*07/27/17 13:30*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		07/26/17 08:37	07/27/17 11:23	1
Antimony	ND		0.020	0.0068	mg/L		07/26/17 08:37	07/27/17 11:23	1
Arsenic	ND		0.015	0.0056	mg/L		07/26/17 08:37	07/27/17 11:23	1
Barium	**0.053**		0.0020	0.00070	mg/L		07/26/17 08:37	07/27/17 11:23	1
Beryllium	ND		0.0020	0.00030	mg/L		07/26/17 08:37	07/27/17 11:23	1
Cadmium	ND		0.0020	0.00050	mg/L		07/26/17 08:37	07/27/17 11:23	1
Calcium	**16.5**		0.50	0.10	mg/L		07/26/17 08:37	07/27/17 11:23	1
Chromium	ND		0.0040	0.0010	mg/L		07/26/17 08:37	07/27/17 11:23	1
Cobalt	ND		0.0040	0.00063	mg/L		07/26/17 08:37	07/27/17 11:23	1
Copper	ND		0.010	0.0016	mg/L		07/26/17 08:37	07/27/17 11:23	1
Iron	ND		0.050	0.019	mg/L		07/26/17 08:37	07/27/17 11:23	1
Lead	ND		0.010	0.0030	mg/L		07/26/17 08:37	07/27/17 11:23	1
Magnesium	**2.8**		0.20	0.043	mg/L		07/26/17 08:37	07/27/17 11:23	1
Manganese	**0.0052**	**B**	0.0030	0.00040	mg/L		07/26/17 08:37	07/27/17 11:23	1
Nickel	ND		0.010	0.0013	mg/L		07/26/17 08:37	07/27/17 11:23	1
Potassium	**0.95**		0.50	0.10	mg/L		07/26/17 08:37	07/27/17 11:23	1
Selenium	ND		0.025	0.0087	mg/L		07/26/17 08:37	07/27/17 11:23	1
Silver	ND		0.0060	0.0017	mg/L		07/26/17 08:37	07/27/17 11:23	1
Sodium	**5.8**		1.0	0.32	mg/L		07/26/17 08:37	07/27/17 11:23	1
Thallium	ND		0.020	0.010	mg/L		07/26/17 08:37	07/27/17 11:23	1
Vanadium	ND		0.0050	0.0015	mg/L		07/26/17 08:37	07/27/17 11:23	1
Zinc	**0.034**		0.010	0.0015	mg/L		07/26/17 08:37	07/27/17 11:23	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		07/28/17 07:32	07/28/17 21:03	1
Antimony	ND		0.020	0.0068	mg/L		07/28/17 07:32	07/28/17 21:03	1
Arsenic	ND		0.015	0.0056	mg/L		07/28/17 07:32	07/28/17 21:03	1
Barium	**0.054**		0.0020	0.00070	mg/L		07/28/17 07:32	07/28/17 21:03	1
Beryllium	ND		0.0020	0.00030	mg/L		07/28/17 07:32	07/28/17 21:03	1
Cadmium	ND		0.0020	0.00050	mg/L		07/28/17 07:32	07/28/17 21:03	1
Calcium	**17.2**	**B**	0.50	0.10	mg/L		07/28/17 07:32	07/28/17 21:03	1

Client Sample ID: DW1-20170720

Lab Sample ID: 480-121588-4

Date Collected: 07/20/17 16:00

Matrix: Water

Date Received: 07/25/17 01:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0010	mg/L		07/28/17 07:32	07/28/17 21:03	1
Cobalt	ND		0.0040	0.00063	mg/L		07/28/17 07:32	07/28/17 21:03	1
Copper	ND		0.010	0.0016	mg/L		07/28/17 07:32	07/28/17 21:03	1
Iron	ND		0.050	0.019	mg/L		07/28/17 07:32	07/28/17 21:03	1
Lead	ND		0.010	0.0030	mg/L		07/28/17 07:32	07/28/17 21:03	1
Magnesium	**2.8**		0.20	0.043	mg/L		07/28/17 07:32	07/28/17 21:03	1
Manganese	**0.0042**	**B**	0.0030	0.00040	mg/L		07/28/17 07:32	07/28/17 21:03	1
Nickel	ND		0.010	0.0013	mg/L		07/28/17 07:32	07/28/17 21:03	1
Potassium	**1.1**	**B**	0.50	0.10	mg/L		07/28/17 07:32	07/28/17 21:03	1
Selenium	ND		0.025	0.0087	mg/L		07/28/17 07:32	07/28/17 21:03	1
Silver	ND		0.0060	0.0017	mg/L		07/28/17 07:32	07/28/17 21:03	1
Sodium	**6.1**	**B**	1.0	0.32	mg/L		07/28/17 07:32	07/28/17 21:03	1
Thallium	ND		0.020	0.010	mg/L		07/28/17 07:32	07/28/17 21:03	1
Vanadium	ND		0.0050	0.0015	mg/L		07/28/17 07:32	07/28/17 21:03	1
Zinc	**0.037**	**B**	0.010	0.0015	mg/L		07/28/17 07:32	07/28/17 21:03	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		07/25/17 09:10	07/25/17 13:42	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		07/28/17 10:10	07/28/17 16:08	1

Client Sample ID: MW4-20170720

Lab Sample ID: 480-121588-5

Date Collected: 07/20/17 16:45

Matrix: Water

Date Received: 07/25/17 01:00

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.40	0.20	ug/L			07/30/17 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*71 - 144*		*07/30/17 23:49*	*1*
4-Bromofluorobenzene	*113*		*72 - 133*		*07/30/17 23:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/03/17 19:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/03/17 19:05	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/03/17 19:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/03/17 19:05	1
1,1-Dichloroethane	ND	F1	1.0	0.38	ug/L			08/03/17 19:05	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/03/17 19:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/03/17 19:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/03/17 19:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/03/17 19:05	1
1,2-Dichloroethane	ND	F1	1.0	0.21	ug/L			08/03/17 19:05	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/03/17 19:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/03/17 19:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/03/17 19:05	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: MW4-20170720
Date Collected: 07/20/17 16:45
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND		10	1.3	ug/L			08/03/17 19:05	1
2-Hexanone	ND		5.0	1.2	ug/L			08/03/17 19:05	1
4-Methyl-2-pentanone (MIBK)	ND	F1	5.0	2.1	ug/L			08/03/17 19:05	1
Acetone	ND	*	10	3.0	ug/L			08/03/17 19:05	1
Benzene	ND		1.0	0.41	ug/L			08/03/17 19:05	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/03/17 19:05	1
Bromoform	ND		1.0	0.26	ug/L			08/03/17 19:05	1
Bromomethane	ND		1.0	0.69	ug/L			08/03/17 19:05	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/03/17 19:05	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/03/17 19:05	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/03/17 19:05	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/03/17 19:05	1
Chloroethane	ND		1.0	0.32	ug/L			08/03/17 19:05	1
Chloroform	**0.41**	**J**	1.0	0.34	ug/L			08/03/17 19:05	1
Chloromethane	ND		1.0	0.35	ug/L			08/03/17 19:05	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/03/17 19:05	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/03/17 19:05	1
Cyclohexane	ND		1.0	0.18	ug/L			08/03/17 19:05	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/03/17 19:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/03/17 19:05	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/03/17 19:05	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/03/17 19:05	1
Methyl acetate	ND		2.5	1.3	ug/L			08/03/17 19:05	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/03/17 19:05	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/03/17 19:05	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/03/17 19:05	1
Styrene	ND		1.0	0.73	ug/L			08/03/17 19:05	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/03/17 19:05	1
Toluene	ND		1.0	0.51	ug/L			08/03/17 19:05	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/03/17 19:05	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/03/17 19:05	1
Trichloroethene	ND		1.0	0.46	ug/L			08/03/17 19:05	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/03/17 19:05	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/03/17 19:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/03/17 19:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/03/17 19:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*08/03/17 19:05*	*1*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*		*08/03/17 19:05*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*08/03/17 19:05*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		07/26/17 07:39	07/27/17 23:21	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		07/26/17 07:39	07/27/17 23:21	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		07/26/17 07:39	07/27/17 23:21	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		07/26/17 07:39	07/27/17 23:21	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		07/26/17 07:39	07/27/17 23:21	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		07/26/17 07:39	07/27/17 23:21	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: MW4-20170720
Date Collected: 07/20/17 16:45
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-5
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		10	2.2	ug/L		07/26/17 07:39	07/27/17 23:21	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		07/26/17 07:39	07/27/17 23:21	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		07/26/17 07:39	07/27/17 23:21	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		07/26/17 07:39	07/27/17 23:21	1
2-Chlorophenol	ND		5.0	0.53	ug/L		07/26/17 07:39	07/27/17 23:21	1
2-Methylphenol	ND		5.0	0.40	ug/L		07/26/17 07:39	07/27/17 23:21	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		07/26/17 07:39	07/27/17 23:21	1
2-Nitroaniline	ND		10	0.42	ug/L		07/26/17 07:39	07/27/17 23:21	1
2-Nitrophenol	ND		5.0	0.48	ug/L		07/26/17 07:39	07/27/17 23:21	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		07/26/17 07:39	07/27/17 23:21	1
3-Nitroaniline	ND		10	0.48	ug/L		07/26/17 07:39	07/27/17 23:21	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		07/26/17 07:39	07/27/17 23:21	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		07/26/17 07:39	07/27/17 23:21	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		07/26/17 07:39	07/27/17 23:21	1
4-Chloroaniline	ND		5.0	0.59	ug/L		07/26/17 07:39	07/27/17 23:21	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		07/26/17 07:39	07/27/17 23:21	1
4-Methylphenol	ND		10	0.36	ug/L		07/26/17 07:39	07/27/17 23:21	1
4-Nitroaniline	ND		10	0.25	ug/L		07/26/17 07:39	07/27/17 23:21	1
4-Nitrophenol	ND		10	1.5	ug/L		07/26/17 07:39	07/27/17 23:21	1
Acenaphthene	ND		5.0	0.41	ug/L		07/26/17 07:39	07/27/17 23:21	1
Acenaphthylene	ND		5.0	0.38	ug/L		07/26/17 07:39	07/27/17 23:21	1
Acetophenone	ND		5.0	0.54	ug/L		07/26/17 07:39	07/27/17 23:21	1
Anthracene	ND		5.0	0.28	ug/L		07/26/17 07:39	07/27/17 23:21	1
Atrazine	ND		5.0	0.46	ug/L		07/26/17 07:39	07/27/17 23:21	1
Benzaldehyde	ND		5.0	0.27	ug/L		07/26/17 07:39	07/27/17 23:21	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		07/26/17 07:39	07/27/17 23:21	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		07/26/17 07:39	07/27/17 23:21	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		07/26/17 07:39	07/27/17 23:21	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		07/26/17 07:39	07/27/17 23:21	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		07/26/17 07:39	07/27/17 23:21	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		07/26/17 07:39	07/27/17 23:21	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		07/26/17 07:39	07/27/17 23:21	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		07/26/17 07:39	07/27/17 23:21	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		07/26/17 07:39	07/27/17 23:21	1
Caprolactam	ND		5.0	2.2	ug/L		07/26/17 07:39	07/27/17 23:21	1
Carbazole	ND		5.0	0.30	ug/L		07/26/17 07:39	07/27/17 23:21	1
Chrysene	ND		5.0	0.33	ug/L		07/26/17 07:39	07/27/17 23:21	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		07/26/17 07:39	07/27/17 23:21	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		07/26/17 07:39	07/27/17 23:21	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		07/26/17 07:39	07/27/17 23:21	1
Dibenzofuran	ND		10	0.51	ug/L		07/26/17 07:39	07/27/17 23:21	1
Diethyl phthalate	ND		5.0	0.22	ug/L		07/26/17 07:39	07/27/17 23:21	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		07/26/17 07:39	07/27/17 23:21	1
Fluoranthene	ND		5.0	0.40	ug/L		07/26/17 07:39	07/27/17 23:21	1
Fluorene	ND		5.0	0.36	ug/L		07/26/17 07:39	07/27/17 23:21	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		07/26/17 07:39	07/27/17 23:21	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		07/26/17 07:39	07/27/17 23:21	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		07/26/17 07:39	07/27/17 23:21	1
Hexachloroethane	ND		5.0	0.59	ug/L		07/26/17 07:39	07/27/17 23:21	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: MW4-20170720
Date Collected: 07/20/17 16:45
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-5
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		07/26/17 07:39	07/27/17 23:21	1
Isophorone	ND		5.0	0.43	ug/L		07/26/17 07:39	07/27/17 23:21	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		07/26/17 07:39	07/27/17 23:21	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		07/26/17 07:39	07/27/17 23:21	1
Naphthalene	ND		5.0	0.76	ug/L		07/26/17 07:39	07/27/17 23:21	1
Nitrobenzene	ND		5.0	0.29	ug/L		07/26/17 07:39	07/27/17 23:21	1
Pentachlorophenol	ND		10	2.2	ug/L		07/26/17 07:39	07/27/17 23:21	1
Phenanthrene	ND		5.0	0.44	ug/L		07/26/17 07:39	07/27/17 23:21	1
Phenol	ND		5.0	0.39	ug/L		07/26/17 07:39	07/27/17 23:21	1
Pyrene	ND		5.0	0.34	ug/L		07/26/17 07:39	07/27/17 23:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*71*		*46 - 120*	*07/26/17 07:39*	*07/27/17 23:21*	*1*
Phenol-d5 (Surr)	*41*		*22 - 120*	*07/26/17 07:39*	*07/27/17 23:21*	*1*
p-Terphenyl-d14 (Surr)	*78*		*59 - 136*	*07/26/17 07:39*	*07/27/17 23:21*	*1*
2,4,6-Tribromophenol (Surr)	*98*		*41 - 120*	*07/26/17 07:39*	*07/27/17 23:21*	*1*
2-Fluorobiphenyl	*69*		*48 - 120*	*07/26/17 07:39*	*07/27/17 23:21*	*1*
2-Fluorophenol (Surr)	*54*		*35 - 120*	*07/26/17 07:39*	*07/27/17 23:21*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		07/26/17 14:32	07/27/17 12:11	1
4,4'-DDE	ND		0.050	0.012	ug/L		07/26/17 14:32	07/27/17 12:11	1
4,4'-DDT	ND		0.050	0.011	ug/L		07/26/17 14:32	07/27/17 12:11	1
Aldrin	ND		0.050	0.0081	ug/L		07/26/17 14:32	07/27/17 12:11	1
alpha-BHC	**0.0088**	**J**	0.050	0.0077	ug/L		07/26/17 14:32	07/27/17 12:11	1
alpha-Chlordane	ND		0.050	0.015	ug/L		07/26/17 14:32	07/27/17 12:11	1
beta-BHC	ND		0.050	0.025	ug/L		07/26/17 14:32	07/27/17 12:11	1
delta-BHC	ND		0.050	0.010	ug/L		07/26/17 14:32	07/27/17 12:11	1
Dieldrin	ND		0.050	0.0098	ug/L		07/26/17 14:32	07/27/17 12:11	1
Endosulfan I	ND		0.050	0.011	ug/L		07/26/17 14:32	07/27/17 12:11	1
Endosulfan II	ND		0.050	0.012	ug/L		07/26/17 14:32	07/27/17 12:11	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		07/26/17 14:32	07/27/17 12:11	1
Endrin	ND		0.050	0.014	ug/L		07/26/17 14:32	07/27/17 12:11	1
Endrin aldehyde	ND		0.050	0.016	ug/L		07/26/17 14:32	07/27/17 12:11	1
Endrin ketone	ND		0.050	0.012	ug/L		07/26/17 14:32	07/27/17 12:11	1
gamma-BHC (Lindane)	**0.010**	**J**	0.050	0.0080	ug/L		07/26/17 14:32	07/27/17 12:11	1
gamma-Chlordane	ND		0.050	0.011	ug/L		07/26/17 14:32	07/27/17 12:11	1
Heptachlor	ND		0.050	0.0085	ug/L		07/26/17 14:32	07/27/17 12:11	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		07/26/17 14:32	07/27/17 12:11	1
Methoxychlor	ND		0.050	0.014	ug/L		07/26/17 14:32	07/27/17 12:11	1
Toxaphene	ND		0.50	0.12	ug/L		07/26/17 14:32	07/27/17 12:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*94*		*20 - 120*	*07/26/17 14:32*	*07/27/17 12:11*	*1*
DCB Decachlorobiphenyl	*94*		*20 - 120*	*07/26/17 14:32*	*07/27/17 12:11*	*1*
Tetrachloro-m-xylene	*64*		*44 - 120*	*07/26/17 14:32*	*07/27/17 12:11*	*1*
Tetrachloro-m-xylene	*66*		*44 - 120*	*07/26/17 14:32*	*07/27/17 12:11*	*1*

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: MW4-20170720
Date Collected: 07/20/17 16:45
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-5
Matrix: Water

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		07/26/17 08:37	07/27/17 11:27	1
Antimony	ND		0.020	0.0068	mg/L		07/26/17 08:37	07/27/17 11:27	1
Arsenic	ND		0.015	0.0056	mg/L		07/26/17 08:37	07/27/17 11:27	1
Barium	**0.12**		0.0020	0.00070	mg/L		07/26/17 08:37	07/27/17 11:27	1
Beryllium	ND		0.0020	0.00030	mg/L		07/26/17 08:37	07/27/17 11:27	1
Cadmium	ND		0.0020	0.00050	mg/L		07/26/17 08:37	07/27/17 11:27	1
Calcium	**29.9**		0.50	0.10	mg/L		07/26/17 08:37	07/27/17 11:27	1
Chromium	ND		0.0040	0.0010	mg/L		07/26/17 08:37	07/27/17 11:27	1
Cobalt	ND		0.0040	0.00063	mg/L		07/26/17 08:37	07/27/17 11:27	1
Copper	ND		0.010	0.0016	mg/L		07/26/17 08:37	07/27/17 11:27	1
Iron	**0.051**		0.050	0.019	mg/L		07/26/17 08:37	07/27/17 11:27	1
Lead	ND		0.010	0.0030	mg/L		07/26/17 08:37	07/27/17 11:27	1
Magnesium	**11.1**		0.20	0.043	mg/L		07/26/17 08:37	07/27/17 11:27	1
Manganese	**0.16**	**F1 B**	0.0030	0.00040	mg/L		07/26/17 08:37	07/27/17 11:27	1
Nickel	**0.0018**	**J**	0.010	0.0013	mg/L		07/26/17 08:37	07/27/17 11:27	1
Potassium	**0.92**		0.50	0.10	mg/L		07/26/17 08:37	07/27/17 11:27	1
Selenium	ND		0.025	0.0087	mg/L		07/26/17 08:37	07/27/17 11:27	1
Silver	ND		0.0060	0.0017	mg/L		07/26/17 08:37	07/27/17 11:27	1
Sodium	**92.0**		1.0	0.32	mg/L		07/26/17 08:37	07/27/17 11:27	1
Thallium	ND		0.020	0.010	mg/L		07/26/17 08:37	07/27/17 11:27	1
Vanadium	ND		0.0050	0.0015	mg/L		07/26/17 08:37	07/27/17 11:27	1
Zinc	**0.0021**	**J**	0.010	0.0015	mg/L		07/26/17 08:37	07/27/17 11:27	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		07/28/17 07:32	07/28/17 21:07	1
Antimony	ND		0.020	0.0068	mg/L		07/28/17 07:32	07/28/17 21:07	1
Arsenic	ND		0.015	0.0056	mg/L		07/28/17 07:32	07/28/17 21:07	1
Barium	**0.12**		0.0020	0.00070	mg/L		07/28/17 07:32	07/28/17 21:07	1
Beryllium	ND		0.0020	0.00030	mg/L		07/28/17 07:32	07/28/17 21:07	1
Cadmium	ND		0.0020	0.00050	mg/L		07/28/17 07:32	07/28/17 21:07	1
Calcium	**30.4**	**B**	0.50	0.10	mg/L		07/28/17 07:32	07/28/17 21:07	1
Chromium	ND		0.0040	0.0010	mg/L		07/28/17 07:32	07/28/17 21:07	1
Cobalt	ND		0.0040	0.00063	mg/L		07/28/17 07:32	07/28/17 21:07	1
Copper	ND		0.010	0.0016	mg/L		07/28/17 07:32	07/28/17 21:07	1
Iron	ND		0.050	0.019	mg/L		07/28/17 07:32	07/28/17 21:07	1
Lead	ND		0.010	0.0030	mg/L		07/28/17 07:32	07/28/17 21:07	1
Magnesium	**11.2**		0.20	0.043	mg/L		07/28/17 07:32	07/28/17 21:07	1
Manganese	**0.15**	**B F1**	0.0030	0.00040	mg/L		07/28/17 07:32	07/28/17 21:07	1
Nickel	**0.0019**	**J**	0.010	0.0013	mg/L		07/28/17 07:32	07/28/17 21:07	1
Potassium	**1.1**	**B**	0.50	0.10	mg/L		07/28/17 07:32	07/28/17 21:07	1
Selenium	ND		0.025	0.0087	mg/L		07/28/17 07:32	07/28/17 21:07	1
Silver	ND		0.0060	0.0017	mg/L		07/28/17 07:32	07/28/17 21:07	1
Sodium	**94.9**	**B**	1.0	0.32	mg/L		07/28/17 07:32	07/28/17 21:07	1
Thallium	ND		0.020	0.010	mg/L		07/28/17 07:32	07/28/17 21:07	1
Vanadium	ND		0.0050	0.0015	mg/L		07/28/17 07:32	07/28/17 21:07	1
Zinc	**0.0038**	**J B**	0.010	0.0015	mg/L		07/28/17 07:32	07/28/17 21:07	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: MW4-20170720

Lab Sample ID: 480-121588-5

Date Collected: 07/20/17 16:45

Matrix: Water

Date Received: 07/25/17 01:00

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		07/25/17 09:10	07/25/17 13:44	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		07/28/17 10:10	07/28/17 16:10	1

Client Sample ID: MW5-20170721

Lab Sample ID: 480-121588-6

Date Collected: 07/21/17 08:00

Matrix: Water

Date Received: 07/25/17 01:00

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.40	0.20	ug/L			07/31/17 00:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*71 - 144*		*07/31/17 00:12*	*1*
4-Bromofluorobenzene	*103*		*72 - 133*		*07/31/17 00:12*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/04/17 12:32	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/04/17 12:32	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/04/17 12:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/04/17 12:32	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/04/17 12:32	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/04/17 12:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/04/17 12:32	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/04/17 12:32	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/04/17 12:32	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/04/17 12:32	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/04/17 12:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/04/17 12:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/04/17 12:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/04/17 12:32	1
2-Hexanone	ND		5.0	1.2	ug/L			08/04/17 12:32	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/04/17 12:32	1
Acetone	ND	*	10	3.0	ug/L			08/04/17 12:32	1
Benzene	ND		1.0	0.41	ug/L			08/04/17 12:32	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/04/17 12:32	1
Bromoform	ND		1.0	0.26	ug/L			08/04/17 12:32	1
Bromomethane	ND		1.0	0.69	ug/L			08/04/17 12:32	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/04/17 12:32	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/04/17 12:32	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/04/17 12:32	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/04/17 12:32	1
Chloroethane	ND		1.0	0.32	ug/L			08/04/17 12:32	1
Chloroform	ND		1.0	0.34	ug/L			08/04/17 12:32	1
Chloromethane	ND		1.0	0.35	ug/L			08/04/17 12:32	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/04/17 12:32	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/04/17 12:32	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: MW5-20170721
Date Collected: 07/21/17 08:00
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		1.0	0.18	ug/L			08/04/17 12:32	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/04/17 12:32	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/04/17 12:32	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/04/17 12:32	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/04/17 12:32	1
Methyl acetate	ND		2.5	1.3	ug/L			08/04/17 12:32	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/04/17 12:32	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/04/17 12:32	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/04/17 12:32	1
Styrene	ND		1.0	0.73	ug/L			08/04/17 12:32	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/04/17 12:32	1
Toluene	ND		1.0	0.51	ug/L			08/04/17 12:32	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/04/17 12:32	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/04/17 12:32	1
Trichloroethene	ND		1.0	0.46	ug/L			08/04/17 12:32	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/04/17 12:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/04/17 12:32	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/04/17 12:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*80 - 120*		*08/04/17 12:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*08/04/17 12:32*	*1*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*		*08/04/17 12:32*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*08/04/17 12:32*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		07/26/17 07:39	07/27/17 23:50	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		07/26/17 07:39	07/27/17 23:50	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		07/26/17 07:39	07/27/17 23:50	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		07/26/17 07:39	07/27/17 23:50	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		07/26/17 07:39	07/27/17 23:50	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		07/26/17 07:39	07/27/17 23:50	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		07/26/17 07:39	07/27/17 23:50	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		07/26/17 07:39	07/27/17 23:50	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		07/26/17 07:39	07/27/17 23:50	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		07/26/17 07:39	07/27/17 23:50	1
2-Chlorophenol	ND		5.0	0.53	ug/L		07/26/17 07:39	07/27/17 23:50	1
2-Methylphenol	ND		5.0	0.40	ug/L		07/26/17 07:39	07/27/17 23:50	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		07/26/17 07:39	07/27/17 23:50	1
2-Nitroaniline	ND		10	0.42	ug/L		07/26/17 07:39	07/27/17 23:50	1
2-Nitrophenol	ND		5.0	0.48	ug/L		07/26/17 07:39	07/27/17 23:50	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		07/26/17 07:39	07/27/17 23:50	1
3-Nitroaniline	ND		10	0.48	ug/L		07/26/17 07:39	07/27/17 23:50	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		07/26/17 07:39	07/27/17 23:50	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		07/26/17 07:39	07/27/17 23:50	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		07/26/17 07:39	07/27/17 23:50	1
4-Chloroaniline	ND		5.0	0.59	ug/L		07/26/17 07:39	07/27/17 23:50	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		07/26/17 07:39	07/27/17 23:50	1
4-Methylphenol	ND		10	0.36	ug/L		07/26/17 07:39	07/27/17 23:50	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: MW5-20170721
Date Collected: 07/21/17 08:00
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-6
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		10	0.25	ug/L		07/26/17 07:39	07/27/17 23:50	1
4-Nitrophenol	ND		10	1.5	ug/L		07/26/17 07:39	07/27/17 23:50	1
Acenaphthene	ND		5.0	0.41	ug/L		07/26/17 07:39	07/27/17 23:50	1
Acenaphthylene	ND		5.0	0.38	ug/L		07/26/17 07:39	07/27/17 23:50	1
Acetophenone	ND		5.0	0.54	ug/L		07/26/17 07:39	07/27/17 23:50	1
Anthracene	ND		5.0	0.28	ug/L		07/26/17 07:39	07/27/17 23:50	1
Atrazine	ND		5.0	0.46	ug/L		07/26/17 07:39	07/27/17 23:50	1
Benzaldehyde	ND		5.0	0.27	ug/L		07/26/17 07:39	07/27/17 23:50	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		07/26/17 07:39	07/27/17 23:50	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		07/26/17 07:39	07/27/17 23:50	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		07/26/17 07:39	07/27/17 23:50	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		07/26/17 07:39	07/27/17 23:50	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		07/26/17 07:39	07/27/17 23:50	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		07/26/17 07:39	07/27/17 23:50	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		07/26/17 07:39	07/27/17 23:50	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		07/26/17 07:39	07/27/17 23:50	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		07/26/17 07:39	07/27/17 23:50	1
Caprolactam	ND		5.0	2.2	ug/L		07/26/17 07:39	07/27/17 23:50	1
Carbazole	ND		5.0	0.30	ug/L		07/26/17 07:39	07/27/17 23:50	1
Chrysene	ND		5.0	0.33	ug/L		07/26/17 07:39	07/27/17 23:50	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		07/26/17 07:39	07/27/17 23:50	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		07/26/17 07:39	07/27/17 23:50	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		07/26/17 07:39	07/27/17 23:50	1
Dibenzofuran	ND		10	0.51	ug/L		07/26/17 07:39	07/27/17 23:50	1
Diethyl phthalate	ND		5.0	0.22	ug/L		07/26/17 07:39	07/27/17 23:50	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		07/26/17 07:39	07/27/17 23:50	1
Fluoranthene	ND		5.0	0.40	ug/L		07/26/17 07:39	07/27/17 23:50	1
Fluorene	ND		5.0	0.36	ug/L		07/26/17 07:39	07/27/17 23:50	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		07/26/17 07:39	07/27/17 23:50	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		07/26/17 07:39	07/27/17 23:50	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		07/26/17 07:39	07/27/17 23:50	1
Hexachloroethane	ND		5.0	0.59	ug/L		07/26/17 07:39	07/27/17 23:50	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		07/26/17 07:39	07/27/17 23:50	1
Isophorone	ND		5.0	0.43	ug/L		07/26/17 07:39	07/27/17 23:50	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		07/26/17 07:39	07/27/17 23:50	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		07/26/17 07:39	07/27/17 23:50	1
Naphthalene	ND		5.0	0.76	ug/L		07/26/17 07:39	07/27/17 23:50	1
Nitrobenzene	ND		5.0	0.29	ug/L		07/26/17 07:39	07/27/17 23:50	1
Pentachlorophenol	ND		10	2.2	ug/L		07/26/17 07:39	07/27/17 23:50	1
Phenanthrene	ND		5.0	0.44	ug/L		07/26/17 07:39	07/27/17 23:50	1
Phenol	ND		5.0	0.39	ug/L		07/26/17 07:39	07/27/17 23:50	1
Pyrene	ND		5.0	0.34	ug/L		07/26/17 07:39	07/27/17 23:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*88*		*46 - 120*	*07/26/17 07:39*	*07/27/17 23:50*	*1*
Phenol-d5 (Surr)	*48*		*22 - 120*	*07/26/17 07:39*	*07/27/17 23:50*	*1*
p-Terphenyl-d14 (Surr)	*91*		*59 - 136*	*07/26/17 07:39*	*07/27/17 23:50*	*1*
2,4,6-Tribromophenol (Surr)	*93*		*41 - 120*	*07/26/17 07:39*	*07/27/17 23:50*	*1*
2-Fluorobiphenyl	*84*		*48 - 120*	*07/26/17 07:39*	*07/27/17 23:50*	*1*
2-Fluorophenol (Surr)	*61*		*35 - 120*	*07/26/17 07:39*	*07/27/17 23:50*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		07/26/17 14:32	07/27/17 14:09	1
4,4'-DDE	ND		0.050	0.012	ug/L		07/26/17 14:32	07/27/17 14:09	1
4,4'-DDT	ND		0.050	0.011	ug/L		07/26/17 14:32	07/27/17 14:09	1
Aldrin	ND		0.050	0.0081	ug/L		07/26/17 14:32	07/27/17 14:09	1
alpha-BHC	ND		0.050	0.0077	ug/L		07/26/17 14:32	07/27/17 14:09	1
alpha-Chlordane	ND		0.050	0.015	ug/L		07/26/17 14:32	07/27/17 14:09	1
beta-BHC	ND		0.050	0.025	ug/L		07/26/17 14:32	07/27/17 14:09	1
delta-BHC	ND		0.050	0.010	ug/L		07/26/17 14:32	07/27/17 14:09	1
Dieldrin	ND		0.050	0.0098	ug/L		07/26/17 14:32	07/27/17 14:09	1
Endosulfan I	ND		0.050	0.011	ug/L		07/26/17 14:32	07/27/17 14:09	1
Endosulfan II	ND		0.050	0.012	ug/L		07/26/17 14:32	07/27/17 14:09	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		07/26/17 14:32	07/27/17 14:09	1
Endrin	ND		0.050	0.014	ug/L		07/26/17 14:32	07/27/17 14:09	1
Endrin aldehyde	ND		0.050	0.016	ug/L		07/26/17 14:32	07/27/17 14:09	1
Endrin ketone	ND		0.050	0.012	ug/L		07/26/17 14:32	07/27/17 14:09	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		07/26/17 14:32	07/27/17 14:09	1
gamma-Chlordane	ND		0.050	0.011	ug/L		07/26/17 14:32	07/27/17 14:09	1
Heptachlor	ND		0.050	0.0085	ug/L		07/26/17 14:32	07/27/17 14:09	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		07/26/17 14:32	07/27/17 14:09	1
Methoxychlor	ND		0.050	0.014	ug/L		07/26/17 14:32	07/27/17 14:09	1
Toxaphene	ND		0.50	0.12	ug/L		07/26/17 14:32	07/27/17 14:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*93*		*20 - 120*	*07/26/17 14:32*	*07/27/17 14:09*	*1*
DCB Decachlorobiphenyl	*94*		*20 - 120*	*07/26/17 14:32*	*07/27/17 14:09*	*1*
Tetrachloro-m-xylene	*68*		*44 - 120*	*07/26/17 14:32*	*07/27/17 14:09*	*1*
Tetrachloro-m-xylene	*76*		*44 - 120*	*07/26/17 14:32*	*07/27/17 14:09*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.82**		0.20	0.060	mg/L		07/26/17 08:37	07/27/17 11:53	1
Antimony	ND		0.020	0.0068	mg/L		07/26/17 08:37	07/27/17 11:53	1
Arsenic	ND		0.015	0.0056	mg/L		07/26/17 08:37	07/27/17 11:53	1
Barium	**0.071**		0.0020	0.00070	mg/L		07/26/17 08:37	07/27/17 11:53	1
Beryllium	ND		0.0020	0.00030	mg/L		07/26/17 08:37	07/27/17 11:53	1
Cadmium	ND		0.0020	0.00050	mg/L		07/26/17 08:37	07/27/17 11:53	1
Calcium	**20.7**		0.50	0.10	mg/L		07/26/17 08:37	07/27/17 11:53	1
Chromium	**0.0023**	**J**	0.0040	0.0010	mg/L		07/26/17 08:37	07/27/17 11:53	1
Cobalt	**0.00072**	**J**	0.0040	0.00063	mg/L		07/26/17 08:37	07/27/17 11:53	1
Copper	**0.011**		0.010	0.0016	mg/L		07/26/17 08:37	07/27/17 11:53	1
Iron	**0.84**		0.050	0.019	mg/L		07/26/17 08:37	07/27/17 11:53	1
Lead	**0.0045**	**J**	0.010	0.0030	mg/L		07/26/17 08:37	07/27/17 11:53	1
Magnesium	**7.3**		0.20	0.043	mg/L		07/26/17 08:37	07/27/17 11:53	1
Manganese	**0.36**	**B**	0.0030	0.00040	mg/L		07/26/17 08:37	07/27/17 11:53	1
Nickel	**0.0033**	**J**	0.010	0.0013	mg/L		07/26/17 08:37	07/27/17 11:53	1
Potassium	**1.9**		0.50	0.10	mg/L		07/26/17 08:37	07/27/17 11:53	1
Selenium	ND		0.025	0.0087	mg/L		07/26/17 08:37	07/27/17 11:53	1
Silver	ND		0.0060	0.0017	mg/L		07/26/17 08:37	07/27/17 11:53	1
Sodium	**12.7**		1.0	0.32	mg/L		07/26/17 08:37	07/27/17 11:53	1
Thallium	ND		0.020	0.010	mg/L		07/26/17 08:37	07/27/17 11:53	1
Vanadium	ND		0.0050	0.0015	mg/L		07/26/17 08:37	07/27/17 11:53	1
Zinc	**0.012**		0.010	0.0015	mg/L		07/26/17 08:37	07/27/17 11:53	1

Client Sample ID: MW5-20170721

Lab Sample ID: 480-121588-6

Date Collected: 07/21/17 08:00

Matrix: Water

Date Received: 07/25/17 01:00

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		07/28/17 07:32	07/28/17 21:33	1
Antimony	ND		0.020	0.0068	mg/L		07/28/17 07:32	07/28/17 21:33	1
Arsenic	ND		0.015	0.0056	mg/L		07/28/17 07:32	07/28/17 21:33	1
Barium	**0.061**		0.0020	0.00070	mg/L		07/28/17 07:32	07/28/17 21:33	1
Beryllium	ND		0.0020	0.00030	mg/L		07/28/17 07:32	07/28/17 21:33	1
Cadmium	ND		0.0020	0.00050	mg/L		07/28/17 07:32	07/28/17 21:33	1
Calcium	**19.3**	**B**	0.50	0.10	mg/L		07/28/17 07:32	07/28/17 21:33	1
Chromium	ND		0.0040	0.0010	mg/L		07/28/17 07:32	07/28/17 21:33	1
Cobalt	ND		0.0040	0.00063	mg/L		07/28/17 07:32	07/28/17 21:33	1
Copper	**0.0032**	**J**	0.010	0.0016	mg/L		07/28/17 07:32	07/28/17 21:33	1
Iron	**0.092**		0.050	0.019	mg/L		07/28/17 07:32	07/28/17 21:33	1
Lead	**0.0031**	**J**	0.010	0.0030	mg/L		07/28/17 07:32	07/28/17 21:33	1
Magnesium	**7.3**		0.20	0.043	mg/L		07/28/17 07:32	07/28/17 21:33	1
Manganese	**0.34**	**B**	0.0030	0.00040	mg/L		07/28/17 07:32	07/28/17 21:33	1
Nickel	**0.0021**	**J**	0.010	0.0013	mg/L		07/28/17 07:32	07/28/17 21:33	1
Potassium	**1.4**	**B**	0.50	0.10	mg/L		07/28/17 07:32	07/28/17 21:33	1
Selenium	ND		0.025	0.0087	mg/L		07/28/17 07:32	07/28/17 21:33	1
Silver	ND		0.0060	0.0017	mg/L		07/28/17 07:32	07/28/17 21:33	1
Sodium	**11.3**	**B**	1.0	0.32	mg/L		07/28/17 07:32	07/28/17 21:33	1
Thallium	ND		0.020	0.010	mg/L		07/28/17 07:32	07/28/17 21:33	1
Vanadium	ND		0.0050	0.0015	mg/L		07/28/17 07:32	07/28/17 21:33	1
Zinc	**0.011**	**B**	0.010	0.0015	mg/L		07/28/17 07:32	07/28/17 21:33	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		07/25/17 09:10	07/25/17 13:46	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		07/28/17 10:10	07/28/17 16:17	1

Client Sample ID: MW2-20170720

Lab Sample ID: 480-121588-7

Date Collected: 07/20/17 17:00

Matrix: Water

Date Received: 07/25/17 01:00

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.40	0.20	ug/L			07/31/17 00:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*71 - 144*		*07/31/17 00:35*	*1*
4-Bromofluorobenzene	*106*		*72 - 133*		*07/31/17 00:35*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/03/17 11:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/03/17 11:55	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/03/17 11:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/03/17 11:55	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/03/17 11:55	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/03/17 11:55	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: MW2-20170720
Date Collected: 07/20/17 17:00
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/03/17 11:55	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/03/17 11:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/03/17 11:55	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/03/17 11:55	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/03/17 11:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/03/17 11:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/03/17 11:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/03/17 11:55	1
2-Hexanone	ND		5.0	1.2	ug/L			08/03/17 11:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/03/17 11:55	1
Acetone	ND	*	10	3.0	ug/L			08/03/17 11:55	1
Benzene	ND		1.0	0.41	ug/L			08/03/17 11:55	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/03/17 11:55	1
Bromoform	ND		1.0	0.26	ug/L			08/03/17 11:55	1
Bromomethane	ND		1.0	0.69	ug/L			08/03/17 11:55	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/03/17 11:55	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/03/17 11:55	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/03/17 11:55	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/03/17 11:55	1
Chloroethane	ND		1.0	0.32	ug/L			08/03/17 11:55	1
Chloroform	ND		1.0	0.34	ug/L			08/03/17 11:55	1
Chloromethane	ND		1.0	0.35	ug/L			08/03/17 11:55	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/03/17 11:55	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/03/17 11:55	1
Cyclohexane	ND		1.0	0.18	ug/L			08/03/17 11:55	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/03/17 11:55	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/03/17 11:55	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/03/17 11:55	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/03/17 11:55	1
Methyl acetate	ND		2.5	1.3	ug/L			08/03/17 11:55	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/03/17 11:55	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/03/17 11:55	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/03/17 11:55	1
Styrene	ND		1.0	0.73	ug/L			08/03/17 11:55	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/03/17 11:55	1
Toluene	ND		1.0	0.51	ug/L			08/03/17 11:55	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/03/17 11:55	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/03/17 11:55	1
Trichloroethene	ND		1.0	0.46	ug/L			08/03/17 11:55	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/03/17 11:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/03/17 11:55	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/03/17 11:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*08/03/17 11:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*08/03/17 11:55*	*1*
4-Bromofluorobenzene (Surr)	*86*		*73 - 120*		*08/03/17 11:55*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*08/03/17 11:55*	*1*

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: MW2-20170720
Date Collected: 07/20/17 17:00
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-7
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		07/26/17 07:39	07/28/17 00:19	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		07/26/17 07:39	07/28/17 00:19	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		07/26/17 07:39	07/28/17 00:19	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		07/26/17 07:39	07/28/17 00:19	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		07/26/17 07:39	07/28/17 00:19	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		07/26/17 07:39	07/28/17 00:19	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		07/26/17 07:39	07/28/17 00:19	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		07/26/17 07:39	07/28/17 00:19	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		07/26/17 07:39	07/28/17 00:19	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		07/26/17 07:39	07/28/17 00:19	1
2-Chlorophenol	ND		5.0	0.53	ug/L		07/26/17 07:39	07/28/17 00:19	1
2-Methylphenol	ND		5.0	0.40	ug/L		07/26/17 07:39	07/28/17 00:19	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		07/26/17 07:39	07/28/17 00:19	1
2-Nitroaniline	ND		10	0.42	ug/L		07/26/17 07:39	07/28/17 00:19	1
2-Nitrophenol	ND		5.0	0.48	ug/L		07/26/17 07:39	07/28/17 00:19	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		07/26/17 07:39	07/28/17 00:19	1
3-Nitroaniline	ND		10	0.48	ug/L		07/26/17 07:39	07/28/17 00:19	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		07/26/17 07:39	07/28/17 00:19	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		07/26/17 07:39	07/28/17 00:19	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		07/26/17 07:39	07/28/17 00:19	1
4-Chloroaniline	ND		5.0	0.59	ug/L		07/26/17 07:39	07/28/17 00:19	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		07/26/17 07:39	07/28/17 00:19	1
4-Methylphenol	ND		10	0.36	ug/L		07/26/17 07:39	07/28/17 00:19	1
4-Nitroaniline	ND		10	0.25	ug/L		07/26/17 07:39	07/28/17 00:19	1
4-Nitrophenol	ND		10	1.5	ug/L		07/26/17 07:39	07/28/17 00:19	1
Acenaphthene	ND		5.0	0.41	ug/L		07/26/17 07:39	07/28/17 00:19	1
Acenaphthylene	ND		5.0	0.38	ug/L		07/26/17 07:39	07/28/17 00:19	1
Acetophenone	ND		5.0	0.54	ug/L		07/26/17 07:39	07/28/17 00:19	1
Anthracene	ND		5.0	0.28	ug/L		07/26/17 07:39	07/28/17 00:19	1
Atrazine	ND		5.0	0.46	ug/L		07/26/17 07:39	07/28/17 00:19	1
Benzaldehyde	ND		5.0	0.27	ug/L		07/26/17 07:39	07/28/17 00:19	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		07/26/17 07:39	07/28/17 00:19	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		07/26/17 07:39	07/28/17 00:19	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		07/26/17 07:39	07/28/17 00:19	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		07/26/17 07:39	07/28/17 00:19	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		07/26/17 07:39	07/28/17 00:19	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		07/26/17 07:39	07/28/17 00:19	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		07/26/17 07:39	07/28/17 00:19	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		07/26/17 07:39	07/28/17 00:19	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		07/26/17 07:39	07/28/17 00:19	1
Caprolactam	ND		5.0	2.2	ug/L		07/26/17 07:39	07/28/17 00:19	1
Carbazole	ND		5.0	0.30	ug/L		07/26/17 07:39	07/28/17 00:19	1
Chrysene	ND		5.0	0.33	ug/L		07/26/17 07:39	07/28/17 00:19	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		07/26/17 07:39	07/28/17 00:19	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		07/26/17 07:39	07/28/17 00:19	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		07/26/17 07:39	07/28/17 00:19	1
Dibenzofuran	ND		10	0.51	ug/L		07/26/17 07:39	07/28/17 00:19	1
Diethyl phthalate	ND		5.0	0.22	ug/L		07/26/17 07:39	07/28/17 00:19	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		07/26/17 07:39	07/28/17 00:19	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: MW2-20170720
Date Collected: 07/20/17 17:00
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-7
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		5.0	0.40	ug/L		07/26/17 07:39	07/28/17 00:19	1
Fluorene	ND		5.0	0.36	ug/L		07/26/17 07:39	07/28/17 00:19	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		07/26/17 07:39	07/28/17 00:19	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		07/26/17 07:39	07/28/17 00:19	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		07/26/17 07:39	07/28/17 00:19	1
Hexachloroethane	ND		5.0	0.59	ug/L		07/26/17 07:39	07/28/17 00:19	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		07/26/17 07:39	07/28/17 00:19	1
Isophorone	ND		5.0	0.43	ug/L		07/26/17 07:39	07/28/17 00:19	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		07/26/17 07:39	07/28/17 00:19	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		07/26/17 07:39	07/28/17 00:19	1
Naphthalene	ND		5.0	0.76	ug/L		07/26/17 07:39	07/28/17 00:19	1
Nitrobenzene	ND		5.0	0.29	ug/L		07/26/17 07:39	07/28/17 00:19	1
Pentachlorophenol	ND		10	2.2	ug/L		07/26/17 07:39	07/28/17 00:19	1
Phenanthrene	ND		5.0	0.44	ug/L		07/26/17 07:39	07/28/17 00:19	1
Phenol	ND		5.0	0.39	ug/L		07/26/17 07:39	07/28/17 00:19	1
Pyrene	ND		5.0	0.34	ug/L		07/26/17 07:39	07/28/17 00:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*92*		*46 - 120*	*07/26/17 07:39*	*07/28/17 00:19*	*1*
Phenol-d5 (Surr)	*58*		*22 - 120*	*07/26/17 07:39*	*07/28/17 00:19*	*1*
p-Terphenyl-d14 (Surr)	*92*		*59 - 136*	*07/26/17 07:39*	*07/28/17 00:19*	*1*
2,4,6-Tribromophenol (Surr)	*100*		*41 - 120*	*07/26/17 07:39*	*07/28/17 00:19*	*1*
2-Fluorobiphenyl	*89*		*48 - 120*	*07/26/17 07:39*	*07/28/17 00:19*	*1*
2-Fluorophenol (Surr)	*73*		*35 - 120*	*07/26/17 07:39*	*07/28/17 00:19*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		07/26/17 14:32	07/27/17 14:28	1
4,4'-DDE	ND		0.050	0.012	ug/L		07/26/17 14:32	07/27/17 14:28	1
4,4'-DDT	ND		0.050	0.011	ug/L		07/26/17 14:32	07/27/17 14:28	1
Aldrin	ND		0.050	0.0081	ug/L		07/26/17 14:32	07/27/17 14:28	1
alpha-BHC	ND		0.050	0.0077	ug/L		07/26/17 14:32	07/27/17 14:28	1
alpha-Chlordane	ND		0.050	0.015	ug/L		07/26/17 14:32	07/27/17 14:28	1
beta-BHC	ND		0.050	0.025	ug/L		07/26/17 14:32	07/27/17 14:28	1
delta-BHC	ND		0.050	0.010	ug/L		07/26/17 14:32	07/27/17 14:28	1
Dieldrin	ND		0.050	0.0098	ug/L		07/26/17 14:32	07/27/17 14:28	1
Endosulfan I	ND		0.050	0.011	ug/L		07/26/17 14:32	07/27/17 14:28	1
Endosulfan II	ND		0.050	0.012	ug/L		07/26/17 14:32	07/27/17 14:28	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		07/26/17 14:32	07/27/17 14:28	1
Endrin	ND		0.050	0.014	ug/L		07/26/17 14:32	07/27/17 14:28	1
Endrin aldehyde	ND		0.050	0.016	ug/L		07/26/17 14:32	07/27/17 14:28	1
Endrin ketone	ND		0.050	0.012	ug/L		07/26/17 14:32	07/27/17 14:28	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		07/26/17 14:32	07/27/17 14:28	1
gamma-Chlordane	ND		0.050	0.011	ug/L		07/26/17 14:32	07/27/17 14:28	1
Heptachlor	ND		0.050	0.0085	ug/L		07/26/17 14:32	07/27/17 14:28	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		07/26/17 14:32	07/27/17 14:28	1
Methoxychlor	ND		0.050	0.014	ug/L		07/26/17 14:32	07/27/17 14:28	1
Toxaphene	ND		0.50	0.12	ug/L		07/26/17 14:32	07/27/17 14:28	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: MW2-20170720
Date Collected: 07/20/17 17:00
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-7
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	92		20 - 120	07/26/17 14:32	07/27/17 14:28	1
DCB Decachlorobiphenyl	94		20 - 120	07/26/17 14:32	07/27/17 14:28	1
Tetrachloro-m-xylene	72		44 - 120	07/26/17 14:32	07/27/17 14:28	1
Tetrachloro-m-xylene	74		44 - 120	07/26/17 14:32	07/27/17 14:28	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.20**		0.20	0.060	mg/L		07/26/17 08:37	07/27/17 11:56	1
Antimony	ND		0.020	0.0068	mg/L		07/26/17 08:37	07/27/17 11:56	1
Arsenic	ND		0.015	0.0056	mg/L		07/26/17 08:37	07/27/17 11:56	1
Barium	**0.15**		0.0020	0.00070	mg/L		07/26/17 08:37	07/27/17 11:56	1
Beryllium	ND		0.0020	0.00030	mg/L		07/26/17 08:37	07/27/17 11:56	1
Cadmium	ND		0.0020	0.00050	mg/L		07/26/17 08:37	07/27/17 11:56	1
Calcium	**29.7**		0.50	0.10	mg/L		07/26/17 08:37	07/27/17 11:56	1
Chromium	ND		0.0040	0.0010	mg/L		07/26/17 08:37	07/27/17 11:56	1
Cobalt	ND		0.0040	0.00063	mg/L		07/26/17 08:37	07/27/17 11:56	1
Copper	ND		0.010	0.0016	mg/L		07/26/17 08:37	07/27/17 11:56	1
Iron	**0.21**		0.050	0.019	mg/L		07/26/17 08:37	07/27/17 11:56	1
Lead	ND		0.010	0.0030	mg/L		07/26/17 08:37	07/27/17 11:56	1
Magnesium	**10.6**		0.20	0.043	mg/L		07/26/17 08:37	07/27/17 11:56	1
Manganese	**0.14**	**B**	0.0030	0.00040	mg/L		07/26/17 08:37	07/27/17 11:56	1
Nickel	**0.0021**	**J**	0.010	0.0013	mg/L		07/26/17 08:37	07/27/17 11:56	1
Potassium	**0.93**		0.50	0.10	mg/L		07/26/17 08:37	07/27/17 11:56	1
Selenium	ND		0.025	0.0087	mg/L		07/26/17 08:37	07/27/17 11:56	1
Silver	ND		0.0060	0.0017	mg/L		07/26/17 08:37	07/27/17 11:56	1
Sodium	**99.5**		1.0	0.32	mg/L		07/26/17 08:37	07/27/17 11:56	1
Thallium	ND		0.020	0.010	mg/L		07/26/17 08:37	07/27/17 11:56	1
Vanadium	ND		0.0050	0.0015	mg/L		07/26/17 08:37	07/27/17 11:56	1
Zinc	**0.014**		0.010	0.0015	mg/L		07/26/17 08:37	07/27/17 11:56	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		07/28/17 07:32	07/28/17 21:37	1
Antimony	ND		0.020	0.0068	mg/L		07/28/17 07:32	07/28/17 21:37	1
Arsenic	ND		0.015	0.0056	mg/L		07/28/17 07:32	07/28/17 21:37	1
Barium	**0.16**		0.0020	0.00070	mg/L		07/28/17 07:32	07/28/17 21:37	1
Beryllium	ND		0.0020	0.00030	mg/L		07/28/17 07:32	07/28/17 21:37	1
Cadmium	ND		0.0020	0.00050	mg/L		07/28/17 07:32	07/28/17 21:37	1
Calcium	**33.7**	**B**	0.50	0.10	mg/L		07/28/17 07:32	07/28/17 21:37	1
Chromium	ND		0.0040	0.0010	mg/L		07/28/17 07:32	07/28/17 21:37	1
Cobalt	ND		0.0040	0.00063	mg/L		07/28/17 07:32	07/28/17 21:37	1
Copper	ND		0.010	0.0016	mg/L		07/28/17 07:32	07/28/17 21:37	1
Iron	ND		0.050	0.019	mg/L		07/28/17 07:32	07/28/17 21:37	1
Lead	ND		0.010	0.0030	mg/L		07/28/17 07:32	07/28/17 21:37	1
Magnesium	**11.8**		0.20	0.043	mg/L		07/28/17 07:32	07/28/17 21:37	1
Manganese	**0.15**	**B**	0.0030	0.00040	mg/L		07/28/17 07:32	07/28/17 21:37	1
Nickel	**0.0019**	**J**	0.010	0.0013	mg/L		07/28/17 07:32	07/28/17 21:37	1
Potassium	**1.0**	**B**	0.50	0.10	mg/L		07/28/17 07:32	07/28/17 21:37	1
Selenium	ND		0.025	0.0087	mg/L		07/28/17 07:32	07/28/17 21:37	1
Silver	ND		0.0060	0.0017	mg/L		07/28/17 07:32	07/28/17 21:37	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: MW2-20170720

Lab Sample ID: 480-121588-7

Date Collected: 07/20/17 17:00

Matrix: Water

Date Received: 07/25/17 01:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	**115**	**B**	1.0	0.32	mg/L		07/28/17 07:32	07/28/17 21:37	1
Thallium	ND		0.020	0.010	mg/L		07/28/17 07:32	07/28/17 21:37	1
Vanadium	ND		0.0050	0.0015	mg/L		07/28/17 07:32	07/28/17 21:37	1
Zinc	**0.015**	**B**	0.010	0.0015	mg/L		07/28/17 07:32	07/28/17 21:37	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		07/25/17 09:10	07/25/17 13:47	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		07/28/17 10:10	07/28/17 16:23	1

Client Sample ID: EB1-20170720

Lab Sample ID: 480-121588-8

Date Collected: 07/20/17 18:20

Matrix: Water

Date Received: 07/25/17 01:00

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.40	0.20	ug/L			07/30/17 21:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*71 - 144*		*07/30/17 21:05*	*1*
4-Bromofluorobenzene	*103*		*72 - 133*		*07/30/17 21:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/03/17 12:21	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/03/17 12:21	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/03/17 12:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/03/17 12:21	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/03/17 12:21	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/03/17 12:21	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/03/17 12:21	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/03/17 12:21	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/03/17 12:21	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/03/17 12:21	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/03/17 12:21	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/03/17 12:21	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/03/17 12:21	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/03/17 12:21	1
2-Hexanone	ND		5.0	1.2	ug/L			08/03/17 12:21	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/03/17 12:21	1
Acetone	ND	*	10	3.0	ug/L			08/03/17 12:21	1
Benzene	ND		1.0	0.41	ug/L			08/03/17 12:21	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/03/17 12:21	1
Bromoform	ND		1.0	0.26	ug/L			08/03/17 12:21	1
Bromomethane	ND		1.0	0.69	ug/L			08/03/17 12:21	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/03/17 12:21	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/03/17 12:21	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/03/17 12:21	1

Client Sample ID: EB1-20170720
Date Collected: 07/20/17 18:20
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		1.0	0.32	ug/L			08/03/17 12:21	1
Chloroethane	ND		1.0	0.32	ug/L			08/03/17 12:21	1
Chloroform	ND		1.0	0.34	ug/L			08/03/17 12:21	1
Chloromethane	ND		1.0	0.35	ug/L			08/03/17 12:21	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/03/17 12:21	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/03/17 12:21	1
Cyclohexane	ND		1.0	0.18	ug/L			08/03/17 12:21	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/03/17 12:21	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/03/17 12:21	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/03/17 12:21	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/03/17 12:21	1
Methyl acetate	ND		2.5	1.3	ug/L			08/03/17 12:21	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/03/17 12:21	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/03/17 12:21	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/03/17 12:21	1
Styrene	ND		1.0	0.73	ug/L			08/03/17 12:21	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/03/17 12:21	1
Toluene	ND		1.0	0.51	ug/L			08/03/17 12:21	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/03/17 12:21	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/03/17 12:21	1
Trichloroethene	ND		1.0	0.46	ug/L			08/03/17 12:21	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/03/17 12:21	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/03/17 12:21	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/03/17 12:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/03/17 12:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*		*08/03/17 12:21*	*1*
4-Bromofluorobenzene (Surr)	*88*		*73 - 120*		*08/03/17 12:21*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*08/03/17 12:21*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		07/26/17 07:39	07/28/17 00:49	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		07/26/17 07:39	07/28/17 00:49	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		07/26/17 07:39	07/28/17 00:49	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		07/26/17 07:39	07/28/17 00:49	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		07/26/17 07:39	07/28/17 00:49	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		07/26/17 07:39	07/28/17 00:49	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		07/26/17 07:39	07/28/17 00:49	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		07/26/17 07:39	07/28/17 00:49	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		07/26/17 07:39	07/28/17 00:49	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		07/26/17 07:39	07/28/17 00:49	1
2-Chlorophenol	ND		5.0	0.53	ug/L		07/26/17 07:39	07/28/17 00:49	1
2-Methylphenol	ND		5.0	0.40	ug/L		07/26/17 07:39	07/28/17 00:49	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		07/26/17 07:39	07/28/17 00:49	1
2-Nitroaniline	ND		10	0.42	ug/L		07/26/17 07:39	07/28/17 00:49	1
2-Nitrophenol	ND		5.0	0.48	ug/L		07/26/17 07:39	07/28/17 00:49	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		07/26/17 07:39	07/28/17 00:49	1
3-Nitroaniline	ND		10	0.48	ug/L		07/26/17 07:39	07/28/17 00:49	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: EB1-20170720
Date Collected: 07/20/17 18:20
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-8
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		07/26/17 07:39	07/28/17 00:49	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		07/26/17 07:39	07/28/17 00:49	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		07/26/17 07:39	07/28/17 00:49	1
4-Chloroaniline	ND		5.0	0.59	ug/L		07/26/17 07:39	07/28/17 00:49	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		07/26/17 07:39	07/28/17 00:49	1
4-Methylphenol	ND		10	0.36	ug/L		07/26/17 07:39	07/28/17 00:49	1
4-Nitroaniline	ND		10	0.25	ug/L		07/26/17 07:39	07/28/17 00:49	1
4-Nitrophenol	ND		10	1.5	ug/L		07/26/17 07:39	07/28/17 00:49	1
Acenaphthene	ND		5.0	0.41	ug/L		07/26/17 07:39	07/28/17 00:49	1
Acenaphthylene	ND		5.0	0.38	ug/L		07/26/17 07:39	07/28/17 00:49	1
Acetophenone	ND		5.0	0.54	ug/L		07/26/17 07:39	07/28/17 00:49	1
Anthracene	ND		5.0	0.28	ug/L		07/26/17 07:39	07/28/17 00:49	1
Atrazine	ND		5.0	0.46	ug/L		07/26/17 07:39	07/28/17 00:49	1
Benzaldehyde	ND		5.0	0.27	ug/L		07/26/17 07:39	07/28/17 00:49	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		07/26/17 07:39	07/28/17 00:49	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		07/26/17 07:39	07/28/17 00:49	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		07/26/17 07:39	07/28/17 00:49	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		07/26/17 07:39	07/28/17 00:49	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		07/26/17 07:39	07/28/17 00:49	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		07/26/17 07:39	07/28/17 00:49	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		07/26/17 07:39	07/28/17 00:49	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		07/26/17 07:39	07/28/17 00:49	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		07/26/17 07:39	07/28/17 00:49	1
Caprolactam	ND		5.0	2.2	ug/L		07/26/17 07:39	07/28/17 00:49	1
Carbazole	ND		5.0	0.30	ug/L		07/26/17 07:39	07/28/17 00:49	1
Chrysene	ND		5.0	0.33	ug/L		07/26/17 07:39	07/28/17 00:49	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		07/26/17 07:39	07/28/17 00:49	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		07/26/17 07:39	07/28/17 00:49	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		07/26/17 07:39	07/28/17 00:49	1
Dibenzofuran	ND		10	0.51	ug/L		07/26/17 07:39	07/28/17 00:49	1
Diethyl phthalate	ND		5.0	0.22	ug/L		07/26/17 07:39	07/28/17 00:49	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		07/26/17 07:39	07/28/17 00:49	1
Fluoranthene	ND		5.0	0.40	ug/L		07/26/17 07:39	07/28/17 00:49	1
Fluorene	ND		5.0	0.36	ug/L		07/26/17 07:39	07/28/17 00:49	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		07/26/17 07:39	07/28/17 00:49	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		07/26/17 07:39	07/28/17 00:49	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		07/26/17 07:39	07/28/17 00:49	1
Hexachloroethane	ND		5.0	0.59	ug/L		07/26/17 07:39	07/28/17 00:49	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		07/26/17 07:39	07/28/17 00:49	1
Isophorone	ND		5.0	0.43	ug/L		07/26/17 07:39	07/28/17 00:49	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		07/26/17 07:39	07/28/17 00:49	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		07/26/17 07:39	07/28/17 00:49	1
Naphthalene	ND		5.0	0.76	ug/L		07/26/17 07:39	07/28/17 00:49	1
Nitrobenzene	ND		5.0	0.29	ug/L		07/26/17 07:39	07/28/17 00:49	1
Pentachlorophenol	ND		10	2.2	ug/L		07/26/17 07:39	07/28/17 00:49	1
Phenanthrene	ND		5.0	0.44	ug/L		07/26/17 07:39	07/28/17 00:49	1
Phenol	ND		5.0	0.39	ug/L		07/26/17 07:39	07/28/17 00:49	1
Pyrene	ND		5.0	0.34	ug/L		07/26/17 07:39	07/28/17 00:49	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: EB1-20170720
Date Collected: 07/20/17 18:20
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-8
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	86		46 - 120	07/26/17 07:39	07/28/17 00:49	1
Phenol-d5 (Surr)	50		22 - 120	07/26/17 07:39	07/28/17 00:49	1
p-Terphenyl-d14 (Surr)	95		59 - 136	07/26/17 07:39	07/28/17 00:49	1
2,4,6-Tribromophenol (Surr)	102		41 - 120	07/26/17 07:39	07/28/17 00:49	1
2-Fluorobiphenyl	88		48 - 120	07/26/17 07:39	07/28/17 00:49	1
2-Fluorophenol (Surr)	70		35 - 120	07/26/17 07:39	07/28/17 00:49	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		07/26/17 14:32	07/27/17 14:48	1
4,4'-DDE	ND		0.050	0.012	ug/L		07/26/17 14:32	07/27/17 14:48	1
4,4'-DDT	ND		0.050	0.011	ug/L		07/26/17 14:32	07/27/17 14:48	1
Aldrin	ND		0.050	0.0081	ug/L		07/26/17 14:32	07/27/17 14:48	1
alpha-BHC	ND		0.050	0.0077	ug/L		07/26/17 14:32	07/27/17 14:48	1
alpha-Chlordane	ND		0.050	0.015	ug/L		07/26/17 14:32	07/27/17 14:48	1
beta-BHC	ND		0.050	0.025	ug/L		07/26/17 14:32	07/27/17 14:48	1
delta-BHC	ND		0.050	0.010	ug/L		07/26/17 14:32	07/27/17 14:48	1
Dieldrin	ND		0.050	0.0098	ug/L		07/26/17 14:32	07/27/17 14:48	1
Endosulfan I	ND		0.050	0.011	ug/L		07/26/17 14:32	07/27/17 14:48	1
Endosulfan II	ND		0.050	0.012	ug/L		07/26/17 14:32	07/27/17 14:48	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		07/26/17 14:32	07/27/17 14:48	1
Endrin	ND		0.050	0.014	ug/L		07/26/17 14:32	07/27/17 14:48	1
Endrin aldehyde	ND		0.050	0.016	ug/L		07/26/17 14:32	07/27/17 14:48	1
Endrin ketone	ND		0.050	0.012	ug/L		07/26/17 14:32	07/27/17 14:48	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		07/26/17 14:32	07/27/17 14:48	1
gamma-Chlordane	ND		0.050	0.011	ug/L		07/26/17 14:32	07/27/17 14:48	1
Heptachlor	ND		0.050	0.0085	ug/L		07/26/17 14:32	07/27/17 14:48	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		07/26/17 14:32	07/27/17 14:48	1
Methoxychlor	ND		0.050	0.014	ug/L		07/26/17 14:32	07/27/17 14:48	1
Toxaphene	ND		0.50	0.12	ug/L		07/26/17 14:32	07/27/17 14:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	100		20 - 120	07/26/17 14:32	07/27/17 14:48	1
DCB Decachlorobiphenyl	100		20 - 120	07/26/17 14:32	07/27/17 14:48	1
Tetrachloro-m-xylene	69		44 - 120	07/26/17 14:32	07/27/17 14:48	1
Tetrachloro-m-xylene	72		44 - 120	07/26/17 14:32	07/27/17 14:48	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		07/26/17 08:37	07/27/17 12:00	1
Antimony	ND		0.020	0.0068	mg/L		07/26/17 08:37	07/27/17 12:00	1
Arsenic	ND		0.015	0.0056	mg/L		07/26/17 08:37	07/27/17 12:00	1
Barium	ND		0.0020	0.00070	mg/L		07/26/17 08:37	07/27/17 12:00	1
Beryllium	ND		0.0020	0.00030	mg/L		07/26/17 08:37	07/27/17 12:00	1
Cadmium	ND		0.0020	0.00050	mg/L		07/26/17 08:37	07/27/17 12:00	1
Calcium	ND		0.50	0.10	mg/L		07/26/17 08:37	07/27/17 12:00	1
Chromium	ND		0.0040	0.0010	mg/L		07/26/17 08:37	07/27/17 12:00	1
Cobalt	ND		0.0040	0.00063	mg/L		07/26/17 08:37	07/27/17 12:00	1
Copper	ND		0.010	0.0016	mg/L		07/26/17 08:37	07/27/17 12:00	1
Iron	ND		0.050	0.019	mg/L		07/26/17 08:37	07/27/17 12:00	1
Lead	ND		0.010	0.0030	mg/L		07/26/17 08:37	07/27/17 12:00	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: EB1-20170720
Date Collected: 07/20/17 18:20
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	ND		0.20	0.043	mg/L		07/26/17 08:37	07/27/17 12:00	1
Manganese	**0.0011**	**J B**	0.0030	0.00040	mg/L		07/26/17 08:37	07/27/17 12:00	1
Nickel	ND		0.010	0.0013	mg/L		07/26/17 08:37	07/27/17 12:00	1
Potassium	ND		0.50	0.10	mg/L		07/26/17 08:37	07/27/17 12:00	1
Selenium	ND		0.025	0.0087	mg/L		07/26/17 08:37	07/27/17 12:00	1
Silver	ND		0.0060	0.0017	mg/L		07/26/17 08:37	07/27/17 12:00	1
Sodium	ND		1.0	0.32	mg/L		07/26/17 08:37	07/27/17 12:00	1
Thallium	ND		0.020	0.010	mg/L		07/26/17 08:37	07/27/17 12:00	1
Vanadium	ND		0.0050	0.0015	mg/L		07/26/17 08:37	07/27/17 12:00	1
Zinc	**0.0053**	**J**	0.010	0.0015	mg/L		07/26/17 08:37	07/27/17 12:00	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		07/28/17 07:32	07/28/17 21:40	1
Antimony	ND		0.020	0.0068	mg/L		07/28/17 07:32	07/28/17 21:40	1
Arsenic	ND		0.015	0.0056	mg/L		07/28/17 07:32	07/28/17 21:40	1
Barium	ND		0.0020	0.00070	mg/L		07/28/17 07:32	07/28/17 21:40	1
Beryllium	ND		0.0020	0.00030	mg/L		07/28/17 07:32	07/28/17 21:40	1
Cadmium	ND		0.0020	0.00050	mg/L		07/28/17 07:32	07/28/17 21:40	1
Calcium	ND		0.50	0.10	mg/L		07/28/17 07:32	07/28/17 21:40	1
Chromium	ND		0.0040	0.0010	mg/L		07/28/17 07:32	07/28/17 21:40	1
Cobalt	ND		0.0040	0.00063	mg/L		07/28/17 07:32	07/28/17 21:40	1
Copper	ND		0.010	0.0016	mg/L		07/28/17 07:32	07/28/17 21:40	1
Iron	ND		0.050	0.019	mg/L		07/28/17 07:32	07/28/17 21:40	1
Lead	ND		0.010	0.0030	mg/L		07/28/17 07:32	07/28/17 21:40	1
Magnesium	ND		0.20	0.043	mg/L		07/28/17 07:32	07/28/17 21:40	1
Manganese	ND		0.0030	0.00040	mg/L		07/28/17 07:32	07/28/17 21:40	1
Nickel	ND		0.010	0.0013	mg/L		07/28/17 07:32	07/28/17 21:40	1
Potassium	ND		0.50	0.10	mg/L		07/28/17 07:32	07/28/17 21:40	1
Selenium	ND		0.025	0.0087	mg/L		07/28/17 07:32	07/28/17 21:40	1
Silver	ND		0.0060	0.0017	mg/L		07/28/17 07:32	07/28/17 21:40	1
Sodium	ND		1.0	0.32	mg/L		07/28/17 07:32	07/28/17 21:40	1
Thallium	ND		0.020	0.010	mg/L		07/28/17 07:32	07/28/17 21:40	1
Vanadium	ND		0.0050	0.0015	mg/L		07/28/17 07:32	07/28/17 21:40	1
Zinc	**0.0034**	**J B**	0.010	0.0015	mg/L		07/28/17 07:32	07/28/17 21:40	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		07/25/17 09:10	07/25/17 13:50	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		07/28/17 10:10	07/28/17 16:25	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: TB1-20170720
Date Collected: 07/20/17 00:00
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/03/17 12:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/03/17 12:46	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/03/17 12:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/03/17 12:46	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/03/17 12:46	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/03/17 12:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/03/17 12:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/03/17 12:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/03/17 12:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/03/17 12:46	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/03/17 12:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/03/17 12:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/03/17 12:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/03/17 12:46	1
2-Hexanone	ND		5.0	1.2	ug/L			08/03/17 12:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/03/17 12:46	1
Acetone	ND	*	10	3.0	ug/L			08/03/17 12:46	1
Benzene	ND		1.0	0.41	ug/L			08/03/17 12:46	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/03/17 12:46	1
Bromoform	ND		1.0	0.26	ug/L			08/03/17 12:46	1
Bromomethane	ND		1.0	0.69	ug/L			08/03/17 12:46	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/03/17 12:46	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/03/17 12:46	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/03/17 12:46	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/03/17 12:46	1
Chloroethane	ND		1.0	0.32	ug/L			08/03/17 12:46	1
Chloroform	ND		1.0	0.34	ug/L			08/03/17 12:46	1
Chloromethane	ND		1.0	0.35	ug/L			08/03/17 12:46	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/03/17 12:46	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/03/17 12:46	1
Cyclohexane	ND		1.0	0.18	ug/L			08/03/17 12:46	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/03/17 12:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/03/17 12:46	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/03/17 12:46	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/03/17 12:46	1
Methyl acetate	ND		2.5	1.3	ug/L			08/03/17 12:46	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/03/17 12:46	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/03/17 12:46	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/03/17 12:46	1
Styrene	ND		1.0	0.73	ug/L			08/03/17 12:46	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/03/17 12:46	1
Toluene	ND		1.0	0.51	ug/L			08/03/17 12:46	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/03/17 12:46	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/03/17 12:46	1
Trichloroethene	ND		1.0	0.46	ug/L			08/03/17 12:46	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/03/17 12:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/03/17 12:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/03/17 12:46	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: TB1-20170720
Date Collected: 07/20/17 00:00
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-9
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120		08/03/17 12:46	1
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		08/03/17 12:46	1
4-Bromofluorobenzene (Surr)	88		73 - 120		08/03/17 12:46	1
Dibromofluoromethane (Surr)	99		75 - 123		08/03/17 12:46	1

Lab Chronicle

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: MW3-20170720

Lab Sample ID: 480-121588-1

Date Collected: 07/20/17 13:00

Matrix: Water

Date Received: 07/25/17 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	370230	08/03/17 17:25	RRS	TAL BUF
Total/NA	Analysis	8260C SIM		1	452885	07/30/17 22:15	AAT	TAL EDI
Total/NA	Prep	3510C			368715	07/26/17 07:39	JMP	TAL BUF
Total/NA	Analysis	8270D		1	369098	07/27/17 21:26	PJQ	TAL BUF
Total/NA	Prep	3510C			368857	07/26/17 14:32	RLT	TAL BUF
Total/NA	Analysis	8081B		1	368989	07/27/17 12:31	MAN	TAL BUF
Dissolved	Filtration	FILTRATION			368781	07/26/17 11:05	EMB	TAL BUF
Dissolved	Prep	3005A			369092	07/28/17 07:32	EMB	TAL BUF
Dissolved	Analysis	6010C		1	369414	07/28/17 20:53	LMH	TAL BUF
Total/NA	Prep	3005A			368710	07/26/17 08:37	EMB	TAL BUF
Total/NA	Analysis	6010C		1	369214	07/27/17 11:13	LMH	TAL BUF
Dissolved	Filtration	FILTRATION			368781	07/26/17 11:05	EMB	TAL BUF
Dissolved	Prep	7470A			369219	07/28/17 10:10	BMB	TAL BUF
Dissolved	Analysis	7470A		1	369375	07/28/17 16:03	BMB	TAL BUF
Total/NA	Prep	7470A			368522	07/25/17 09:10	EMB	TAL BUF
Total/NA	Analysis	7470A		1	368627	07/25/17 13:29	BMB	TAL BUF

Client Sample ID: DUPE1-20170720

Lab Sample ID: 480-121588-2

Date Collected: 07/20/17 00:00

Matrix: Water

Date Received: 07/25/17 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	370230	08/03/17 17:50	RRS	TAL BUF
Total/NA	Analysis	8260C SIM		1	452885	07/30/17 22:39	AAT	TAL EDI
Total/NA	Prep	3510C			368715	07/26/17 07:39	JMP	TAL BUF
Total/NA	Analysis	8270D		1	369098	07/27/17 21:55	PJQ	TAL BUF
Total/NA	Prep	3510C			368857	07/26/17 14:32	RLT	TAL BUF
Total/NA	Analysis	8081B		1	368989	07/27/17 12:50	MAN	TAL BUF
Dissolved	Filtration	FILTRATION			368781	07/26/17 11:05	EMB	TAL BUF
Dissolved	Prep	3005A			369092	07/28/17 07:32	EMB	TAL BUF
Dissolved	Analysis	6010C		1	369414	07/28/17 20:56	LMH	TAL BUF
Total/NA	Prep	3005A			368710	07/26/17 08:37	EMB	TAL BUF
Total/NA	Analysis	6010C		1	369214	07/27/17 11:17	LMH	TAL BUF
Dissolved	Filtration	FILTRATION			368781	07/26/17 11:05	EMB	TAL BUF
Dissolved	Prep	7470A			369219	07/28/17 10:10	BMB	TAL BUF
Dissolved	Analysis	7470A		1	369375	07/28/17 16:05	BMB	TAL BUF
Total/NA	Prep	7470A			368522	07/25/17 09:10	EMB	TAL BUF
Total/NA	Analysis	7470A		1	368627	07/25/17 13:31	BMB	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: MW1-20170720

Lab Sample ID: 480-121588-3

Date Collected: 07/20/17 10:35

Matrix: Water

Date Received: 07/25/17 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	370230	08/03/17 18:15	RRS	TAL BUF
Total/NA	Analysis	8260C SIM		1	452885	07/30/17 23:02	AAT	TAL EDI
Total/NA	Prep	3510C			368715	07/26/17 07:39	JMP	TAL BUF
Total/NA	Analysis	8270D		1	369098	07/27/17 22:23	PJQ	TAL BUF
Total/NA	Prep	3510C			368857	07/26/17 14:32	RLT	TAL BUF
Total/NA	Analysis	8081B		1	368989	07/27/17 13:10	MAN	TAL BUF
Dissolved	Filtration	FILTRATION			368781	07/26/17 11:05	EMB	TAL BUF
Dissolved	Prep	3005A			369092	07/28/17 07:32	EMB	TAL BUF
Dissolved	Analysis	6010C		1	369414	07/28/17 21:00	LMH	TAL BUF
Total/NA	Prep	3005A			368710	07/26/17 08:37	EMB	TAL BUF
Total/NA	Analysis	6010C		1	369214	07/27/17 11:20	LMH	TAL BUF
Dissolved	Filtration	FILTRATION			368781	07/26/17 11:05	EMB	TAL BUF
Dissolved	Prep	7470A			369219	07/28/17 10:10	BMB	TAL BUF
Dissolved	Analysis	7470A		1	369375	07/28/17 16:06	BMB	TAL BUF
Total/NA	Prep	7470A			368522	07/25/17 09:10	EMB	TAL BUF
Total/NA	Analysis	7470A		1	368627	07/25/17 13:33	BMB	TAL BUF

Client Sample ID: DW1-20170720

Lab Sample ID: 480-121588-4

Date Collected: 07/20/17 16:00

Matrix: Water

Date Received: 07/25/17 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	370230	08/03/17 18:40	RRS	TAL BUF
Total/NA	Analysis	8260C SIM		1	452885	07/30/17 23:25	AAT	TAL EDI
Total/NA	Prep	3510C			368715	07/26/17 07:39	JMP	TAL BUF
Total/NA	Analysis	8270D		1	369098	07/27/17 22:52	PJQ	TAL BUF
Total/NA	Prep	3510C			368857	07/26/17 14:32	RLT	TAL BUF
Total/NA	Analysis	8081B		1	368989	07/27/17 13:30	MAN	TAL BUF
Dissolved	Filtration	FILTRATION			368781	07/26/17 11:05	EMB	TAL BUF
Dissolved	Prep	3005A			369092	07/28/17 07:32	EMB	TAL BUF
Dissolved	Analysis	6010C		1	369414	07/28/17 21:03	LMH	TAL BUF
Total/NA	Prep	3005A			368710	07/26/17 08:37	EMB	TAL BUF
Total/NA	Analysis	6010C		1	369214	07/27/17 11:23	LMH	TAL BUF
Dissolved	Filtration	FILTRATION			368781	07/26/17 11:05	EMB	TAL BUF
Dissolved	Prep	7470A			369219	07/28/17 10:10	BMB	TAL BUF
Dissolved	Analysis	7470A		1	369375	07/28/17 16:08	BMB	TAL BUF
Total/NA	Prep	7470A			368522	07/25/17 09:10	EMB	TAL BUF
Total/NA	Analysis	7470A		1	368627	07/25/17 13:42	BMB	TAL BUF

Client Sample ID: MW4-20170720

Lab Sample ID: 480-121588-5

Date Collected: 07/20/17 16:45

Matrix: Water

Date Received: 07/25/17 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	370230	08/03/17 19:05	RRS	TAL BUF
Total/NA	Analysis	8260C SIM		1	452885	07/30/17 23:49	AAT	TAL EDI
Total/NA	Prep	3510C			368715	07/26/17 07:39	JMP	TAL BUF
Total/NA	Analysis	8270D		1	369098	07/27/17 23:21	PJQ	TAL BUF
Total/NA	Prep	3510C			368857	07/26/17 14:32	RLT	TAL BUF
Total/NA	Analysis	8081B		1	368989	07/27/17 12:11	MAN	TAL BUF
Dissolved	Filtration	FILTRATION			368781	07/26/17 11:05	EMB	TAL BUF
Dissolved	Prep	3005A			369092	07/28/17 07:32	EMB	TAL BUF
Dissolved	Analysis	6010C		1	369414	07/28/17 21:07	LMH	TAL BUF
Total/NA	Prep	3005A			368710	07/26/17 08:37	EMB	TAL BUF
Total/NA	Analysis	6010C		1	369214	07/27/17 11:27	LMH	TAL BUF
Dissolved	Filtration	FILTRATION			368781	07/26/17 11:05	EMB	TAL BUF
Dissolved	Prep	7470A			369219	07/28/17 10:10	BMB	TAL BUF
Dissolved	Analysis	7470A		1	369375	07/28/17 16:10	BMB	TAL BUF
Total/NA	Prep	7470A			368522	07/25/17 09:10	EMB	TAL BUF
Total/NA	Analysis	7470A		1	368627	07/25/17 13:44	BMB	TAL BUF

Client Sample ID: MW5-20170721

Lab Sample ID: 480-121588-6

Date Collected: 07/21/17 08:00

Matrix: Water

Date Received: 07/25/17 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	370479	08/04/17 12:32	RRS	TAL BUF
Total/NA	Analysis	8260C SIM		1	452885	07/31/17 00:12	AAT	TAL EDI
Total/NA	Prep	3510C			368715	07/26/17 07:39	JMP	TAL BUF
Total/NA	Analysis	8270D		1	369098	07/27/17 23:50	PJQ	TAL BUF
Total/NA	Prep	3510C			368857	07/26/17 14:32	RLT	TAL BUF
Total/NA	Analysis	8081B		1	368989	07/27/17 14:09	MAN	TAL BUF
Dissolved	Filtration	FILTRATION			368781	07/26/17 11:05	EMB	TAL BUF
Dissolved	Prep	3005A			369092	07/28/17 07:32	EMB	TAL BUF
Dissolved	Analysis	6010C		1	369414	07/28/17 21:33	LMH	TAL BUF
Total/NA	Prep	3005A			368710	07/26/17 08:37	EMB	TAL BUF
Total/NA	Analysis	6010C		1	369214	07/27/17 11:53	LMH	TAL BUF
Dissolved	Filtration	FILTRATION			368781	07/26/17 11:05	EMB	TAL BUF
Dissolved	Prep	7470A			369219	07/28/17 10:10	BMB	TAL BUF
Dissolved	Analysis	7470A		1	369375	07/28/17 16:17	BMB	TAL BUF
Total/NA	Prep	7470A			368522	07/25/17 09:10	EMB	TAL BUF
Total/NA	Analysis	7470A		1	368627	07/25/17 13:46	BMB	TAL BUF

Client Sample ID: MW2-20170720

Lab Sample ID: 480-121588-7

Date Collected: 07/20/17 17:00

Matrix: Water

Date Received: 07/25/17 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	370230	08/03/17 11:55	RRS	TAL BUF
Total/NA	Analysis	8260C SIM		1	452885	07/31/17 00:35	AAT	TAL EDI
Total/NA	Prep	3510C			368715	07/26/17 07:39	JMP	TAL BUF
Total/NA	Analysis	8270D		1	369098	07/28/17 00:19	PJQ	TAL BUF
Total/NA	Prep	3510C			368857	07/26/17 14:32	RLT	TAL BUF
Total/NA	Analysis	8081B		1	368989	07/27/17 14:28	MAN	TAL BUF
Dissolved	Filtration	FILTRATION			368781	07/26/17 11:05	EMB	TAL BUF
Dissolved	Prep	3005A			369092	07/28/17 07:32	EMB	TAL BUF
Dissolved	Analysis	6010C		1	369414	07/28/17 21:37	LMH	TAL BUF
Total/NA	Prep	3005A			368710	07/26/17 08:37	EMB	TAL BUF
Total/NA	Analysis	6010C		1	369214	07/27/17 11:56	LMH	TAL BUF
Dissolved	Filtration	FILTRATION			368781	07/26/17 11:05	EMB	TAL BUF
Dissolved	Prep	7470A			369219	07/28/17 10:10	BMB	TAL BUF
Dissolved	Analysis	7470A		1	369375	07/28/17 16:23	BMB	TAL BUF
Total/NA	Prep	7470A			368522	07/25/17 09:10	EMB	TAL BUF
Total/NA	Analysis	7470A		1	368627	07/25/17 13:47	BMB	TAL BUF

Client Sample ID: EB1-20170720

Lab Sample ID: 480-121588-8

Date Collected: 07/20/17 18:20

Matrix: Water

Date Received: 07/25/17 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	370230	08/03/17 12:21	RRS	TAL BUF
Total/NA	Analysis	8260C SIM		1	452885	07/30/17 21:05	AAT	TAL EDI
Total/NA	Prep	3510C			368715	07/26/17 07:39	JMP	TAL BUF
Total/NA	Analysis	8270D		1	369098	07/28/17 00:49	PJQ	TAL BUF
Total/NA	Prep	3510C			368857	07/26/17 14:32	RLT	TAL BUF
Total/NA	Analysis	8081B		1	368989	07/27/17 14:48	MAN	TAL BUF
Dissolved	Filtration	FILTRATION			368781	07/26/17 11:05	EMB	TAL BUF
Dissolved	Prep	3005A			369092	07/28/17 07:32	EMB	TAL BUF
Dissolved	Analysis	6010C		1	369414	07/28/17 21:40	LMH	TAL BUF
Total/NA	Prep	3005A			368710	07/26/17 08:37	EMB	TAL BUF
Total/NA	Analysis	6010C		1	369214	07/27/17 12:00	LMH	TAL BUF
Dissolved	Filtration	FILTRATION			368781	07/26/17 11:05	EMB	TAL BUF
Dissolved	Prep	7470A			369219	07/28/17 10:10	BMB	TAL BUF
Dissolved	Analysis	7470A		1	369375	07/28/17 16:25	BMB	TAL BUF
Total/NA	Prep	7470A			368522	07/25/17 09:10	EMB	TAL BUF
Total/NA	Analysis	7470A		1	368627	07/25/17 13:50	BMB	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Client Sample ID: TB1-20170720
Date Collected: 07/20/17 00:00
Date Received: 07/25/17 01:00

Lab Sample ID: 480-121588-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	370230	08/03/17 12:46	RRS	TAL BUF

Laboratory References:

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

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

Accreditation/Certification Summary

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-18

Laboratory: TestAmerica Edison

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	11452	04-01-18

Method Summary

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL EDI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8081B	Organochlorine Pesticides (GC)	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

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

Sample Summary

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-121588-1	MW3-20170720	Water	07/20/17 13:00	07/25/17 01:00
480-121588-2	DUPE1-20170720	Water	07/20/17 00:00	07/25/17 01:00
480-121588-3	MW1-20170720	Water	07/20/17 10:35	07/25/17 01:00
480-121588-4	DW1-20170720	Water	07/20/17 16:00	07/25/17 01:00
480-121588-5	MW4-20170720	Water	07/20/17 16:45	07/25/17 01:00
480-121588-6	MW5-20170721	Water	07/21/17 08:00	07/25/17 01:00
480-121588-7	MW2-20170720	Water	07/20/17 17:00	07/25/17 01:00
480-121588-8	EB1-20170720	Water	07/20/17 18:20	07/25/17 01:00
480-121588-9	TB1-20170720	Water	07/20/17 00:00	07/25/17 01:00

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-121588-1

Login Number: 121588

List Source: TestAmerica Buffalo

List Number: 1

Creator: Williams, Christopher S

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

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-121588-1

Login Number: 121588
List Number: 2
Creator: Armbruster, Chris

List Source: TestAmerica Edison
List Creation: 07/26/17 11:01 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	034151
Sample custody seals, if present, are intact.	N/A	
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	3.0°C IR8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

480501-Albany

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

480-121588 COC

Client Information	Sampler:	Lab PM: Stone, Judy L	Car	COC No: 480-99693-23728.1
Client Contact: Barbara Firebaugh	Phone:	E-Mail: judy.stone@testamericainc.com		Page: Page 1 of 3
Company: HDR Inc				Job #:
Address: 16 Corporate Woods Blvd. Ste 204	Due Date Requested:			
City: Albany	TAT Requested (days):			
State, Zip: NY, 12211				
Phone: 518-402-9814(Tel)	PO #: Callout ID: 129815			
Email: barbara.firebaugh@hdrinc.com	WO #:			
Project Name: 78 Sheer Rd. #442055	Project #: 48016356			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFAS_DI - PFAS, UCMR List	8260C_SIM - 1,4-Dioxane	8081B - TCL Pesticides - OLM04.2	8270D - TCL SVOA	8260C - TCL list VOAs	6010C, 7470A	6010C, 7470A							Total Number of containers	Special Instructions/Note:
Preservation Code:							N	A	N	N	A	D	I								
MW3-20170720	7-20-17	1300	G	Water	N		X	X	X	X	X	X	X							14	
DUPE1-20170720	7-20-17		G	Water	N		2	3	2	2	3	1	1							14	
MW1-20170720	7-20-17	1035	G	Water	N		2	3	2	2	3	1	1							14	
DW1-20170720	7-20-17	1600	G	Water	N		2	3	2	2	3	1	1							14	
MW4-20170720	7-20-17	1645	G	Water	N	Y	6	9	6	6	9	3	3							42	MS/MSD Volume
MW5-20170721	7-21-17	0800	G	Water	N		2	3	2	2	3	1	1							14	
MW2-20170720	7-20-17	1100	G	Water	N		2	3	2	2	3	1	1							14	
EB1-20170720	7-20-17	1820	G	Water	N		2	3	2	2	3	1	1							14	
TB1-20170720	7-20-17			Water							2									2	
			HK	Water																	
				Water																	

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Justin Starr	7-21-17 1042	HDR	Tim Kneller	7-21-17 1042	TA
Relinquished by: Tim Kneller	Date/Time: 7-24-17 1800	Company TA	Received by:	Date/Time: 7-25-17 0100	Company TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		0.5, 0.7, 0.2 #1

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8/7/2017

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

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

8/7/2017

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-36264.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: judy.stone@testamericainc.com	State of Origin: New York	Page: Page 1 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - New York		Job #: 480-121588-1
Address: 777 New Durham Road, ,	Due Date Requested: 8/2/2017			
City: Edison	TAT Requested (days):			
State, Zip: NJ, 08817				
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO #:			
Email:	WO #:			
Project Name: 78 Sheer Rd. #442055	Project #: 48016356			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C_SIM/5030C (MOD) Volatile SIM	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW3-20170720 (480-121588-1)	7/20/17	13:00 Eastern		Water			X	3	
DUPE1-20170720 (480-121588-2)	7/20/17	Eastern		Water			X	3	
MW1-20170720 (480-121588-3)	7/20/17	10:35 Eastern		Water			X	3	
DW1-20170720 (480-121588-4)	7/20/17	16:00 Eastern		Water			X	3	
MW4-20170720 (480-121588-5)	7/20/17	16:45 Eastern		Water			X	3	
MW4-20170720 (480-121588-5MS)	7/20/17	16:45 Eastern	MS	Water			X	3	
MW4-20170720 (480-121588-5MSD)	7/20/17	16:45 Eastern	MSD	Water			X	3	
MW5-20170721 (480-121588-6)	7/21/17	08:00 Eastern		Water			X	3	
MW2-20170720 (480-121588-7)	7/20/17	17:00 Eastern		Water			X	3	

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica Laboratories, Inc. attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to TestAmerica Laboratories, Inc.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time: 7/25/17 1600	TAB			
Relinquished by: Fed Ex	Date/Time: 7/26/17 955	Company	Received by:	Date/Time: 7/26/17 955	Company Tx Edison
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

COC# 034151

3.0 °C IR#8

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

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-36264.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: judy.stone@testamericainc.com	State of Origin: New York	Page: Page 2 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - New York		Job #: 480-121588-1
Address: 777 New Durham Road, ,	Due Date Requested: 8/2/2017			
City: Edison	TAT Requested (days):			
State, Zip: NJ, 08817				
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO #:			
Email:	WO #:			
Project Name: 78 Sheer Rd. #442055	Project #: 48016356			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	8260C_SIM/5030C (MOD) Volatile SIM	Total Number of Containers	Special Instructions/Note:
			Preservation Code:					
EB1-20170720 (480-121588-8)	7/20/17	18:20 Eastern		Water		X	3	

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. I

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	7/25/17 1600	TAB			
2	[signature]	7/26/17 955		[signature]	7/26/17 955	TA Edison
3						

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: 034151 | Cooler Temperature(s) °C and Other Remarks: 3.0 °C IR#8

8/7/2017

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

TestAmerica Job ID: 320-30080-1
Client Project/Site: 78 Sheer Rd. #442055

For:
New York State D.E.C.
625 Broadway
Division of Environmental Remediation
Albany, New York 12233-7014

Attn: Josh Haugh

Stephanie Edwards

Authorized for release by:
8/21/2017 3:49:57 PM
Stephanie Edwards, Project Management Assistant I
stephanie.edwards@testamericainc.com

Designee for

Judy Stone, Senior Project Manager
(484)685-0868
judy.stone@testamericainc.com

Table of Contents

Definitions/Glossary

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 320-30080-1

Qualifiers

LCMS

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

Glossary

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

Job ID: 320-30080-1

Laboratory: TestAmerica Sacramento

Narrative

Job Narrative
320-30080-1

Receipt
The samples were received on 7/22/2017 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.1° C.

Receipt Exceptions
The Chain of Custody Record has one sample not received in Sacramento: TB1-20170720. Additionally, only the containers appropriate for PFAS_DI analysis were received in Sacramento.

LCMS
Method(s) 537 (modified): The laboratory control sample (LCS) and matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 320-177180 and analytical batch 320-177934 recovered outside control limits for the following analyte: Perfluorotetradecanoic acid (PFTeA). This analyte was biased high in the LCS and was not detected above the reporting limit (RL) in the associated samples; therefore, the data have been reported.

Method(s) 537 (modified): Due to the high concentration of several analytes, the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 320-177180 and analytical batch 320-178438 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 537 (modified): Isotope Dilution Analyte (IDA) recovery is above the method recommended limit for 13C2-PFTeDA in the following samples: MW5-20170721 (320-30080-6), MW2-20170720 (320-30080-7), EB1-20170720 (320-30080-8) and (LCS 320-177416/2-A). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries.

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

Organic Prep
Method(s) 3535: Approximately 250mL of the aqueous portion of the following sample was decanted into a new polyethylene bottle prior to extraction due to the original bottle containing an excess amount of sediment which had the potential to clog the solid-phase column: MW2-20170720 (320-30080-7)

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

Client Sample ID: MW3-20170720

Lab Sample ID: 320-30080-1

Date Collected: 07/20/17 13:00

Matrix: Water

Date Received: 07/22/17 09:00

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**1.7**	**J B**	1.9	0.44	ng/L		08/03/17 09:49	08/14/17 00:51	1
Perfluoropentanoic acid (PFPeA)	ND		1.9	0.96	ng/L		08/03/17 09:49	08/14/17 00:51	1
Perfluorohexanoic acid (PFHxA)	**0.99**	**J**	1.9	0.76	ng/L		08/03/17 09:49	08/14/17 00:51	1
Perfluoroheptanoic acid (PFHpA)	**1.3**	**J**	1.9	0.78	ng/L		08/03/17 09:49	08/14/17 00:51	1
Perfluorooctanoic acid (PFOA)	**4.1**		1.9	0.73	ng/L		08/03/17 09:49	08/14/17 00:51	1
Perfluorononanoic acid (PFNA)	**1.1**	**J**	1.9	0.63	ng/L		08/03/17 09:49	08/14/17 00:51	1
Perfluorodecanoic acid (PFDA)	**1.3**	**J**	1.9	0.43	ng/L		08/03/17 09:49	08/14/17 00:51	1
Perfluoroundecanoic acid (PFUnA)	**1.4**	**J**	1.9	0.73	ng/L		08/03/17 09:49	08/14/17 00:51	1
Perfluorododecanoic acid (PFDoA)	**0.76**	**J**	1.9	0.57	ng/L		08/03/17 09:49	08/14/17 00:51	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.9	0.53	ng/L		08/03/17 09:49	08/14/17 00:51	1
Perfluorotetradecanoic acid (PFTeA)	**0.28**	**J B**	1.9	0.19	ng/L		08/03/17 09:49	08/14/17 00:51	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9	0.89	ng/L		08/03/17 09:49	08/14/17 00:51	1
Perfluorohexanesulfonic acid (PFHxS)	**1.0**	**J**	1.9	0.84	ng/L		08/03/17 09:49	08/14/17 00:51	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.9	0.69	ng/L		08/03/17 09:49	08/14/17 00:51	1
Perfluorooctanesulfonic acid (PFOS)	**4.9**		1.9	1.2	ng/L		08/03/17 09:49	08/14/17 00:51	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9	1.2	ng/L		08/03/17 09:49	08/14/17 00:51	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*61*		*25 - 150*	*08/03/17 09:49*	*08/14/17 00:51*	*1*
13C2 PFHxA	*88*		*25 - 150*	*08/03/17 09:49*	*08/14/17 00:51*	*1*
13C4 PFOA	*93*		*25 - 150*	*08/03/17 09:49*	*08/14/17 00:51*	*1*
13C5 PFNA	*74*		*25 - 150*	*08/03/17 09:49*	*08/14/17 00:51*	*1*
13C2 PFDA	*65*		*25 - 150*	*08/03/17 09:49*	*08/14/17 00:51*	*1*
13C2 PFUnA	*60*		*25 - 150*	*08/03/17 09:49*	*08/14/17 00:51*	*1*
13C2 PFDoA	*66*		*25 - 150*	*08/03/17 09:49*	*08/14/17 00:51*	*1*
18O2 PFHxS	*117*		*25 - 150*	*08/03/17 09:49*	*08/14/17 00:51*	*1*
13C4 PFOS	*118*		*25 - 150*	*08/03/17 09:49*	*08/14/17 00:51*	*1*
13C4-PFHpA	*102*		*25 - 150*	*08/03/17 09:49*	*08/14/17 00:51*	*1*
13C5 PFPeA	*79*		*25 - 150*	*08/03/17 09:49*	*08/14/17 00:51*	*1*
13C3-PFBS	*97*		*25 - 150*	*08/03/17 09:49*	*08/14/17 00:51*	*1*
13C2-PFTeDA	*114*		*25 - 150*	*08/03/17 09:49*	*08/14/17 00:51*	*1*

Client Sample ID: DUPE1-20170720

Lab Sample ID: 320-30080-2

Date Collected: 07/20/17 00:00

Matrix: Water

Date Received: 07/22/17 09:00

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**1.5**	**J**	1.9	0.44	ng/L		08/02/17 09:02	08/08/17 18:46	1
Perfluoropentanoic acid (PFPeA)	**1.5**	**J**	1.9	0.96	ng/L		08/02/17 09:02	08/08/17 18:46	1
Perfluorohexanoic acid (PFHxA)	**0.95**	**J**	1.9	0.76	ng/L		08/02/17 09:02	08/08/17 18:46	1
Perfluoroheptanoic acid (PFHpA)	**1.2**	**J**	1.9	0.78	ng/L		08/02/17 09:02	08/08/17 18:46	1
Perfluorooctanoic acid (PFOA)	**4.2**		1.9	0.72	ng/L		08/02/17 09:02	08/08/17 18:46	1
Perfluorononanoic acid (PFNA)	**0.65**	**J**	1.9	0.63	ng/L		08/02/17 09:02	08/08/17 18:46	1
Perfluorodecanoic acid (PFDA)	ND		1.9	0.43	ng/L		08/02/17 09:02	08/08/17 18:46	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9	0.72	ng/L		08/02/17 09:02	08/08/17 18:46	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 320-30080-1

Client Sample ID: DUPE1-20170720

Lab Sample ID: 320-30080-2
Date Collected: 07/20/17 00:00
Matrix: Water
Date Received: 07/22/17 09:00

Method: 537 (modified) - Perfluorinated Hydrocarbons (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.57	ng/L		08/02/17 09:02	08/08/17 18:46	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.9	0.53	ng/L		08/02/17 09:02	08/08/17 18:46	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9	0.19	ng/L		08/02/17 09:02	08/08/17 18:46	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9	0.89	ng/L		08/02/17 09:02	08/08/17 18:46	1
Perfluorohexanesulfonic acid (PFHxS)	**0.97**	**J**	1.9	0.84	ng/L		08/02/17 09:02	08/08/17 18:46	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.9	0.69	ng/L		08/02/17 09:02	08/08/17 18:46	1
Perfluorooctanesulfonic acid (PFOS)	**4.6**		1.9	1.2	ng/L		08/02/17 09:02	08/08/17 18:46	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9	1.2	ng/L		08/02/17 09:02	08/08/17 18:46	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*57*		*25 - 150*	*08/02/17 09:02*	*08/08/17 18:46*	*1*
13C2 PFHxA	*75*		*25 - 150*	*08/02/17 09:02*	*08/08/17 18:46*	*1*
13C4 PFOA	*78*		*25 - 150*	*08/02/17 09:02*	*08/08/17 18:46*	*1*
13C5 PFNA	*63*		*25 - 150*	*08/02/17 09:02*	*08/08/17 18:46*	*1*
13C2 PFDA	*50*		*25 - 150*	*08/02/17 09:02*	*08/08/17 18:46*	*1*
13C2 PFUnA	*36*		*25 - 150*	*08/02/17 09:02*	*08/08/17 18:46*	*1*
13C2 PFDoA	*34*		*25 - 150*	*08/02/17 09:02*	*08/08/17 18:46*	*1*
18O2 PFHxS	*90*		*25 - 150*	*08/02/17 09:02*	*08/08/17 18:46*	*1*
13C4 PFOS	*89*		*25 - 150*	*08/02/17 09:02*	*08/08/17 18:46*	*1*
13C4-PFHpA	*83*		*25 - 150*	*08/02/17 09:02*	*08/08/17 18:46*	*1*
13C5 PFPeA	*70*		*25 - 150*	*08/02/17 09:02*	*08/08/17 18:46*	*1*
13C3-PFBS	*81*		*25 - 150*	*08/02/17 09:02*	*08/08/17 18:46*	*1*
13C2-PFTeDA	*62*		*25 - 150*	*08/02/17 09:02*	*08/08/17 18:46*	*1*

Client Sample ID: MW1-20170720

Lab Sample ID: 320-30080-3
Date Collected: 07/20/17 10:35
Matrix: Water
Date Received: 07/22/17 09:00

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**1.8**	**J B**	1.9	0.44	ng/L		08/03/17 09:49	08/14/17 00:58	1
Perfluoropentanoic acid (PFPeA)	**1.0**	**J**	1.9	0.95	ng/L		08/03/17 09:49	08/14/17 00:58	1
Perfluorohexanoic acid (PFHxA)	**1.4**	**J**	1.9	0.76	ng/L		08/03/17 09:49	08/14/17 00:58	1
Perfluoroheptanoic acid (PFHpA)	**1.4**	**J**	1.9	0.77	ng/L		08/03/17 09:49	08/14/17 00:58	1
Perfluorooctanoic acid (PFOA)	**5.4**		1.9	0.72	ng/L		08/03/17 09:49	08/14/17 00:58	1
Perfluorononanoic acid (PFNA)	ND		1.9	0.63	ng/L		08/03/17 09:49	08/14/17 00:58	1
Perfluorodecanoic acid (PFDA)	ND		1.9	0.42	ng/L		08/03/17 09:49	08/14/17 00:58	1
Perfluoroundecanoic acid (PFUnA)	**0.74**	**J**	1.9	0.72	ng/L		08/03/17 09:49	08/14/17 00:58	1
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.56	ng/L		08/03/17 09:49	08/14/17 00:58	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.9	0.53	ng/L		08/03/17 09:49	08/14/17 00:58	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9	0.19	ng/L		08/03/17 09:49	08/14/17 00:58	1
Perfluorobutanesulfonic acid (PFBS)	**1.2**	**J**	1.9	0.88	ng/L		08/03/17 09:49	08/14/17 00:58	1
Perfluorohexanesulfonic acid (PFHxS)	**1.2**	**J**	1.9	0.84	ng/L		08/03/17 09:49	08/14/17 00:58	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.9	0.69	ng/L		08/03/17 09:49	08/14/17 00:58	1

Client Sample ID: MW1-20170720

Date Collected: 07/20/17 10:35
Date Received: 07/22/17 09:00

Lab Sample ID: 320-30080-3

Matrix: Water

Method: 537 (modified) - Perfluorinated Hydrocarbons (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	**3.4**		1.9	1.2	ng/L		08/03/17 09:49	08/14/17 00:58	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9	1.2	ng/L		08/03/17 09:49	08/14/17 00:58	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*52*		*25 - 150*	*08/03/17 09:49*	*08/14/17 00:58*	*1*
13C2 PFHxA	*70*		*25 - 150*	*08/03/17 09:49*	*08/14/17 00:58*	*1*
13C4 PFOA	*69*		*25 - 150*	*08/03/17 09:49*	*08/14/17 00:58*	*1*
13C5 PFNA	*63*		*25 - 150*	*08/03/17 09:49*	*08/14/17 00:58*	*1*
13C2 PFDA	*62*		*25 - 150*	*08/03/17 09:49*	*08/14/17 00:58*	*1*
13C2 PFUnA	*54*		*25 - 150*	*08/03/17 09:49*	*08/14/17 00:58*	*1*
13C2 PFDoA	*54*		*25 - 150*	*08/03/17 09:49*	*08/14/17 00:58*	*1*
18O2 PFHxS	*107*		*25 - 150*	*08/03/17 09:49*	*08/14/17 00:58*	*1*
13C4 PFOS	*103*		*25 - 150*	*08/03/17 09:49*	*08/14/17 00:58*	*1*
13C4-PFHpA	*85*		*25 - 150*	*08/03/17 09:49*	*08/14/17 00:58*	*1*
13C5 PFPeA	*65*		*25 - 150*	*08/03/17 09:49*	*08/14/17 00:58*	*1*
13C3-PFBS	*80*		*25 - 150*	*08/03/17 09:49*	*08/14/17 00:58*	*1*
13C2-PFTeDA	*91*		*25 - 150*	*08/03/17 09:49*	*08/14/17 00:58*	*1*

Client Sample ID: DW1-20170720

Date Collected: 07/20/17 16:00
Date Received: 07/22/17 09:00

Lab Sample ID: 320-30080-4

Matrix: Water

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**3.5**	**B**	2.0	0.45	ng/L		08/03/17 09:49	08/14/17 01:05	1
Perfluoropentanoic acid (PFPeA)	**3.0**		2.0	0.97	ng/L		08/03/17 09:49	08/14/17 01:05	1
Perfluorohexanoic acid (PFHxA)	**5.0**		2.0	0.77	ng/L		08/03/17 09:49	08/14/17 01:05	1
Perfluoroheptanoic acid (PFHpA)	**5.1**		2.0	0.79	ng/L		08/03/17 09:49	08/14/17 01:05	1
Perfluorooctanoic acid (PFOA)	**18**		2.0	0.74	ng/L		08/03/17 09:49	08/14/17 01:05	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.64	ng/L		08/03/17 09:49	08/14/17 01:05	1
Perfluorodecanoic acid (PFDA)	**0.53**	**J**	2.0	0.43	ng/L		08/03/17 09:49	08/14/17 01:05	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.74	ng/L		08/03/17 09:49	08/14/17 01:05	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.58	ng/L		08/03/17 09:49	08/14/17 01:05	1
Perfluorotridecanoic Acid (PFTriA)	ND		2.0	0.54	ng/L		08/03/17 09:49	08/14/17 01:05	1
Perfluorotetradecanoic acid (PFTeA)	**0.54**	**J B**	2.0	0.20	ng/L		08/03/17 09:49	08/14/17 01:05	1
Perfluorobutanesulfonic acid (PFBS)	**5.3**		2.0	0.90	ng/L		08/03/17 09:49	08/14/17 01:05	1
Perfluorohexanesulfonic acid (PFHxS)	**4.2**		2.0	0.86	ng/L		08/03/17 09:49	08/14/17 01:05	1
Perfluoroheptanesulfonic Acid (PFHpS)	**0.79**	**J**	2.0	0.70	ng/L		08/03/17 09:49	08/14/17 01:05	1
Perfluorooctanesulfonic acid (PFOS)	**36**		2.0	1.3	ng/L		08/03/17 09:49	08/14/17 01:05	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	1.2	ng/L		08/03/17 09:49	08/14/17 01:05	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*53*		*25 - 150*	*08/03/17 09:49*	*08/14/17 01:05*	*1*
13C2 PFHxA	*80*		*25 - 150*	*08/03/17 09:49*	*08/14/17 01:05*	*1*
13C4 PFOA	*94*		*25 - 150*	*08/03/17 09:49*	*08/14/17 01:05*	*1*
13C5 PFNA	*71*		*25 - 150*	*08/03/17 09:49*	*08/14/17 01:05*	*1*
13C2 PFDA	*66*		*25 - 150*	*08/03/17 09:49*	*08/14/17 01:05*	*1*

Client Sample ID: DW1-20170720

Lab Sample ID: 320-30080-4

Date Collected: 07/20/17 16:00

Matrix: Water

Date Received: 07/22/17 09:00

Method: 537 (modified) - Perfluorinated Hydrocarbons (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFUnA	57		25 - 150	08/03/17 09:49	08/14/17 01:05	1
13C2 PFDoA	61		25 - 150	08/03/17 09:49	08/14/17 01:05	1
18O2 PFHxS	110		25 - 150	08/03/17 09:49	08/14/17 01:05	1
13C4 PFOS	103		25 - 150	08/03/17 09:49	08/14/17 01:05	1
13C4-PFHpA	102		25 - 150	08/03/17 09:49	08/14/17 01:05	1
13C5 PFPeA	71		25 - 150	08/03/17 09:49	08/14/17 01:05	1
13C3-PFBS	84		25 - 150	08/03/17 09:49	08/14/17 01:05	1
13C2-PFTeDA	102		25 - 150	08/03/17 09:49	08/14/17 01:05	1

Client Sample ID: MW4-20170720

Lab Sample ID: 320-30080-5

Date Collected: 07/20/17 16:45

Matrix: Water

Date Received: 07/22/17 09:00

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**51**	**B**	1.9	0.44	ng/L		08/03/17 09:49	08/14/17 01:11	1
Perfluoropentanoic acid (PFPeA)	**4.6**		1.9	0.95	ng/L		08/03/17 09:49	08/14/17 01:11	1
Perfluorohexanoic acid (PFHxA)	**6.7**		1.9	0.75	ng/L		08/03/17 09:49	08/14/17 01:11	1
Perfluoroheptanoic acid (PFHpA)	**10**		1.9	0.77	ng/L		08/03/17 09:49	08/14/17 01:11	1
Perfluorooctanoic acid (PFOA)	**30**		1.9	0.72	ng/L		08/03/17 09:49	08/14/17 01:11	1
Perfluorononanoic acid (PFNA)	**1.1**	**J**	1.9	0.63	ng/L		08/03/17 09:49	08/14/17 01:11	1
Perfluorodecanoic acid (PFDA)	**0.71**	**J**	1.9	0.42	ng/L		08/03/17 09:49	08/14/17 01:11	1
Perfluoroundecanoic acid (PFUnA)	**0.83**	**J**	1.9	0.72	ng/L		08/03/17 09:49	08/14/17 01:11	1
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.56	ng/L		08/03/17 09:49	08/14/17 01:11	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.9	0.53	ng/L		08/03/17 09:49	08/14/17 01:11	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9	0.19	ng/L		08/03/17 09:49	08/14/17 01:11	1
Perfluorobutanesulfonic acid (PFBS)	**9.5**		1.9	0.88	ng/L		08/03/17 09:49	08/14/17 01:11	1
Perfluorohexanesulfonic acid (PFHxS)	**16**		1.9	0.83	ng/L		08/03/17 09:49	08/14/17 01:11	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.9	0.68	ng/L		08/03/17 09:49	08/14/17 01:11	1
Perfluorooctanesulfonic acid (PFOS)	**19**		1.9	1.2	ng/L		08/03/17 09:49	08/14/17 01:11	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9	1.2	ng/L		08/03/17 09:49	08/14/17 01:11	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	58		25 - 150	08/03/17 09:49	08/14/17 01:11	1
13C2 PFHxA	84		25 - 150	08/03/17 09:49	08/14/17 01:11	1
13C4 PFOA	89		25 - 150	08/03/17 09:49	08/14/17 01:11	1
13C5 PFNA	62		25 - 150	08/03/17 09:49	08/14/17 01:11	1
13C2 PFDA	47		25 - 150	08/03/17 09:49	08/14/17 01:11	1
13C2 PFUnA	39		25 - 150	08/03/17 09:49	08/14/17 01:11	1
13C2 PFDoA	43		25 - 150	08/03/17 09:49	08/14/17 01:11	1
18O2 PFHxS	112		25 - 150	08/03/17 09:49	08/14/17 01:11	1
13C4 PFOS	118		25 - 150	08/03/17 09:49	08/14/17 01:11	1
13C4-PFHpA	103		25 - 150	08/03/17 09:49	08/14/17 01:11	1
13C5 PFPeA	66		25 - 150	08/03/17 09:49	08/14/17 01:11	1
13C3-PFBS	88		25 - 150	08/03/17 09:49	08/14/17 01:11	1
13C2-PFTeDA	88		25 - 150	08/03/17 09:49	08/14/17 01:11	1

Client Sample ID: MW5-20170721

Lab Sample ID: 320-30080-6

Date Collected: 07/21/17 08:00

Matrix: Water

Date Received: 07/22/17 09:00

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**2.3**	**B**	1.9	0.44	ng/L		08/03/17 09:49	08/14/17 01:32	1
Perfluoropentanoic acid (PFPeA)	**1.2**	**J**	1.9	0.95	ng/L		08/03/17 09:49	08/14/17 01:32	1
Perfluorohexanoic acid (PFHxA)	**1.7**	**J**	1.9	0.76	ng/L		08/03/17 09:49	08/14/17 01:32	1
Perfluoroheptanoic acid (PFHpA)	**1.8**	**J**	1.9	0.77	ng/L		08/03/17 09:49	08/14/17 01:32	1
Perfluorooctanoic acid (PFOA)	**9.4**		1.9	0.72	ng/L		08/03/17 09:49	08/14/17 01:32	1
Perfluorononanoic acid (PFNA)	**0.98**	**J**	1.9	0.63	ng/L		08/03/17 09:49	08/14/17 01:32	1
Perfluorodecanoic acid (PFDA)	**0.74**	**J**	1.9	0.42	ng/L		08/03/17 09:49	08/14/17 01:32	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9	0.72	ng/L		08/03/17 09:49	08/14/17 01:32	1
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.56	ng/L		08/03/17 09:49	08/14/17 01:32	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.9	0.53	ng/L		08/03/17 09:49	08/14/17 01:32	1
Perfluorotetradecanoic acid (PFTeA)	**0.22**	**J B**	1.9	0.19	ng/L		08/03/17 09:49	08/14/17 01:32	1
Perfluorobutanesulfonic acid (PFBS)	**1.0**	**J**	1.9	0.88	ng/L		08/03/17 09:49	08/14/17 01:32	1
Perfluorohexanesulfonic acid (PFHxS)	**1.3**	**J**	1.9	0.84	ng/L		08/03/17 09:49	08/14/17 01:32	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.9	0.69	ng/L		08/03/17 09:49	08/14/17 01:32	1
Perfluorooctanesulfonic acid (PFOS)	**5.4**		1.9	1.2	ng/L		08/03/17 09:49	08/14/17 01:32	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9	1.2	ng/L		08/03/17 09:49	08/14/17 01:32	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*68*		*25 - 150*	*08/03/17 09:49*	*08/14/17 01:32*	*1*
13C2 PFHxA	*92*		*25 - 150*	*08/03/17 09:49*	*08/14/17 01:32*	*1*
13C4 PFOA	*117*		*25 - 150*	*08/03/17 09:49*	*08/14/17 01:32*	*1*
13C5 PFNA	*115*		*25 - 150*	*08/03/17 09:49*	*08/14/17 01:32*	*1*
13C2 PFDA	*122*		*25 - 150*	*08/03/17 09:49*	*08/14/17 01:32*	*1*
13C2 PFUnA	*115*		*25 - 150*	*08/03/17 09:49*	*08/14/17 01:32*	*1*
13C2 PFDoA	*108*		*25 - 150*	*08/03/17 09:49*	*08/14/17 01:32*	*1*
18O2 PFHxS	*116*		*25 - 150*	*08/03/17 09:49*	*08/14/17 01:32*	*1*
13C4 PFOS	*121*		*25 - 150*	*08/03/17 09:49*	*08/14/17 01:32*	*1*
13C4-PFHpA	*115*		*25 - 150*	*08/03/17 09:49*	*08/14/17 01:32*	*1*
13C5 PFPeA	*86*		*25 - 150*	*08/03/17 09:49*	*08/14/17 01:32*	*1*
13C3-PFBS	*105*		*25 - 150*	*08/03/17 09:49*	*08/14/17 01:32*	*1*
13C2-PFTeDA	*154*	*	*25 - 150*	*08/03/17 09:49*	*08/14/17 01:32*	*1*

Client Sample ID: MW2-20170720

Lab Sample ID: 320-30080-7

Date Collected: 07/20/17 17:00

Matrix: Water

Date Received: 07/22/17 09:00

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**1.8**	**J B**	1.9	0.44	ng/L		08/03/17 09:49	08/14/17 01:39	1
Perfluoropentanoic acid (PFPeA)	ND		1.9	0.96	ng/L		08/03/17 09:49	08/14/17 01:39	1
Perfluorohexanoic acid (PFHxA)	**0.82**	**J**	1.9	0.76	ng/L		08/03/17 09:49	08/14/17 01:39	1
Perfluoroheptanoic acid (PFHpA)	**0.94**	**J**	1.9	0.78	ng/L		08/03/17 09:49	08/14/17 01:39	1
Perfluorooctanoic acid (PFOA)	**3.2**		1.9	0.72	ng/L		08/03/17 09:49	08/14/17 01:39	1
Perfluorononanoic acid (PFNA)	ND		1.9	0.63	ng/L		08/03/17 09:49	08/14/17 01:39	1
Perfluorodecanoic acid (PFDA)	ND		1.9	0.43	ng/L		08/03/17 09:49	08/14/17 01:39	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9	0.72	ng/L		08/03/17 09:49	08/14/17 01:39	1
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.57	ng/L		08/03/17 09:49	08/14/17 01:39	1

Client Sample ID: MW2-20170720

Lab Sample ID: 320-30080-7
Matrix: Water
Date Collected: 07/20/17 17:00
Date Received: 07/22/17 09:00

Method: 537 (modified) - Perfluorinated Hydrocarbons (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotridecanoic Acid (PFTriA)	ND		1.9	0.53	ng/L		08/03/17 09:49	08/14/17 01:39	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9	0.19	ng/L		08/03/17 09:49	08/14/17 01:39	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9	0.89	ng/L		08/03/17 09:49	08/14/17 01:39	1
Perfluorohexanesulfonic acid (PFHxS)	**1.0**	**J**	1.9	0.84	ng/L		08/03/17 09:49	08/14/17 01:39	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.9	0.69	ng/L		08/03/17 09:49	08/14/17 01:39	1
Perfluorooctanesulfonic acid (PFOS)	**6.0**		1.9	1.2	ng/L		08/03/17 09:49	08/14/17 01:39	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9	1.2	ng/L		08/03/17 09:49	08/14/17 01:39	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*56*		*25 - 150*	*08/03/17 09:49*	*08/14/17 01:39*	*1*
13C2 PFHxA	*96*		*25 - 150*	*08/03/17 09:49*	*08/14/17 01:39*	*1*
13C4 PFOA	*127*		*25 - 150*	*08/03/17 09:49*	*08/14/17 01:39*	*1*
13C5 PFNA	*109*		*25 - 150*	*08/03/17 09:49*	*08/14/17 01:39*	*1*
13C2 PFDA	*98*		*25 - 150*	*08/03/17 09:49*	*08/14/17 01:39*	*1*
13C2 PFUnA	*92*		*25 - 150*	*08/03/17 09:49*	*08/14/17 01:39*	*1*
13C2 PFDoA	*92*		*25 - 150*	*08/03/17 09:49*	*08/14/17 01:39*	*1*
18O2 PFHxS	*124*		*25 - 150*	*08/03/17 09:49*	*08/14/17 01:39*	*1*
13C4 PFOS	*130*		*25 - 150*	*08/03/17 09:49*	*08/14/17 01:39*	*1*
13C4-PFHpA	*117*		*25 - 150*	*08/03/17 09:49*	*08/14/17 01:39*	*1*
13C5 PFPeA	*84*		*25 - 150*	*08/03/17 09:49*	*08/14/17 01:39*	*1*
13C3-PFBS	*104*		*25 - 150*	*08/03/17 09:49*	*08/14/17 01:39*	*1*
13C2-PFTeDA	*153*	*	*25 - 150*	*08/03/17 09:49*	*08/14/17 01:39*	*1*

Client Sample ID: EB1-20170720

Lab Sample ID: 320-30080-8
Matrix: Water
Date Collected: 07/20/17 18:20
Date Received: 07/22/17 09:00

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**1.3**	**J B**	2.0	0.45	ng/L		08/03/17 09:49	08/14/17 01:53	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.97	ng/L		08/03/17 09:49	08/14/17 01:53	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.77	ng/L		08/03/17 09:49	08/14/17 01:53	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.78	ng/L		08/03/17 09:49	08/14/17 01:53	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.73	ng/L		08/03/17 09:49	08/14/17 01:53	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.64	ng/L		08/03/17 09:49	08/14/17 01:53	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.43	ng/L		08/03/17 09:49	08/14/17 01:53	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.73	ng/L		08/03/17 09:49	08/14/17 01:53	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.57	ng/L		08/03/17 09:49	08/14/17 01:53	1
Perfluorotridecanoic Acid (PFTriA)	ND		2.0	0.54	ng/L		08/03/17 09:49	08/14/17 01:53	1
Perfluorotetradecanoic acid (PFTeA)	**0.26**	**J B**	2.0	0.19	ng/L		08/03/17 09:49	08/14/17 01:53	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.90	ng/L		08/03/17 09:49	08/14/17 01:53	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.85	ng/L		08/03/17 09:49	08/14/17 01:53	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		2.0	0.70	ng/L		08/03/17 09:49	08/14/17 01:53	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.2	ng/L		08/03/17 09:49	08/14/17 01:53	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	1.2	ng/L		08/03/17 09:49	08/14/17 01:53	1

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 320-30080-1

Client Sample ID: EB1-20170720
Date Collected: 07/20/17 18:20
Date Received: 07/22/17 09:00

Lab Sample ID: 320-30080-8
Matrix: Water

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	99		25 - 150	08/03/17 09:49	08/14/17 01:53	1
13C2 PFHxA	110		25 - 150	08/03/17 09:49	08/14/17 01:53	1
13C4 PFOA	121		25 - 150	08/03/17 09:49	08/14/17 01:53	1
13C5 PFNA	124		25 - 150	08/03/17 09:49	08/14/17 01:53	1
13C2 PFDA	130		25 - 150	08/03/17 09:49	08/14/17 01:53	1
13C2 PFUnA	124		25 - 150	08/03/17 09:49	08/14/17 01:53	1
13C2 PFDoA	131		25 - 150	08/03/17 09:49	08/14/17 01:53	1
18O2 PFHxS	100		25 - 150	08/03/17 09:49	08/14/17 01:53	1
13C4 PFOS	99		25 - 150	08/03/17 09:49	08/14/17 01:53	1
13C4-PFHpA	118		25 - 150	08/03/17 09:49	08/14/17 01:53	1
13C5 PFPeA	108		25 - 150	08/03/17 09:49	08/14/17 01:53	1
13C3-PFBS	97		25 - 150	08/03/17 09:49	08/14/17 01:53	1
13C2-PFTeDA	190	*	25 - 150	08/03/17 09:49	08/14/17 01:53	1

Lab Chronicle

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 320-30080-1

Client Sample ID: MW3-20170720
Lab Sample ID: 320-30080-1
Date Collected: 07/20/17 13:00
Matrix: Water
Date Received: 07/22/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			177416	08/03/17 09:49	J1S	TAL SAC
Total/NA	Analysis	537 (modified)		1	179256	08/14/17 00:51	SBC	TAL SAC

Client Sample ID: DUPE1-20170720
Lab Sample ID: 320-30080-2
Date Collected: 07/20/17 00:00
Matrix: Water
Date Received: 07/22/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			177180	08/02/17 09:02	J1S	TAL SAC
Total/NA	Analysis	537 (modified)		1	178441	08/08/17 18:46	CBW	TAL SAC

Client Sample ID: MW1-20170720
Lab Sample ID: 320-30080-3
Date Collected: 07/20/17 10:35
Matrix: Water
Date Received: 07/22/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			177416	08/03/17 09:49	J1S	TAL SAC
Total/NA	Analysis	537 (modified)		1	179256	08/14/17 00:58	SBC	TAL SAC

Client Sample ID: DW1-20170720
Lab Sample ID: 320-30080-4
Date Collected: 07/20/17 16:00
Matrix: Water
Date Received: 07/22/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			177416	08/03/17 09:49	J1S	TAL SAC
Total/NA	Analysis	537 (modified)		1	179256	08/14/17 01:05	SBC	TAL SAC

Client Sample ID: MW4-20170720
Lab Sample ID: 320-30080-5
Date Collected: 07/20/17 16:45
Matrix: Water
Date Received: 07/22/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			177416	08/03/17 09:49	J1S	TAL SAC
Total/NA	Analysis	537 (modified)		1	179256	08/14/17 01:11	SBC	TAL SAC

Client Sample ID: MW5-20170721
Lab Sample ID: 320-30080-6
Date Collected: 07/21/17 08:00
Matrix: Water
Date Received: 07/22/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			177416	08/03/17 09:49	J1S	TAL SAC
Total/NA	Analysis	537 (modified)		1	179256	08/14/17 01:32	SBC	TAL SAC

Lab Chronicle

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 320-30080-1

Client Sample ID: MW2-20170720

Lab Sample ID: 320-30080-7

Date Collected: 07/20/17 17:00

Matrix: Water

Date Received: 07/22/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			177416	08/03/17 09:49	J1S	TAL SAC
Total/NA	Analysis	537 (modified)		1	179256	08/14/17 01:39	SBC	TAL SAC

Client Sample ID: EB1-20170720

Lab Sample ID: 320-30080-8

Date Collected: 07/20/17 18:20

Matrix: Water

Date Received: 07/22/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			177416	08/03/17 09:49	J1S	TAL SAC
Total/NA	Analysis	537 (modified)		1	179256	08/14/17 01:53	SBC	TAL SAC

Laboratory References:

TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 320-30080-1

Laboratory: TestAmerica Sacramento

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	11666	04-01-18

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
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	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)

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-18

Method Summary

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 320-30080-1

Method	Method Description	Protocol	Laboratory
537 (modified)	Perfluorinated Hydrocarbons	EPA	TAL SAC

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 320-30080-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-30080-1	MW3-20170720	Water	07/20/17 13:00	07/22/17 09:00
320-30080-2	DUPE1-20170720	Water	07/20/17 00:00	07/22/17 09:00
320-30080-3	MW1-20170720	Water	07/20/17 10:35	07/22/17 09:00
320-30080-4	DW1-20170720	Water	07/20/17 16:00	07/22/17 09:00
320-30080-5	MW4-20170720	Water	07/20/17 16:45	07/22/17 09:00
320-30080-6	MW5-20170721	Water	07/21/17 08:00	07/22/17 09:00
320-30080-7	MW2-20170720	Water	07/20/17 17:00	07/22/17 09:00
320-30080-8	EB1-20170720	Water	07/20/17 18:20	07/22/17 09:00

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

480501-Albany

Chain of Custody Record

320-30080 Chain of Custody

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: Stone, Judy L	COC No: 480-99693-23728.1
Client Contact: Barbara Firebaugh	Phone:	E-Mail: judy.stone@testamericainc.com	Page: Page 1 of 3
Company: HDR Inc			Job #:
Address: 6 Corporate Woods Blvd. Ste 204	Due Date Requested:	Analysis Requested	
City: Albany	TAT Requested (days):		
State, Zip: NY, 12211			
Phone: 518-402-9814(Tel)	PO #: Callout ID: 129815		
Email: barbara.firebaugh@hdrinc.com	WO #:		
Project Name: 8 Sheer Rd. #442055	Project #: 48016356		
Site:	SSOW#:		

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

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFAS_DI - PFAS, UCMR List	8260C_SIM - 1,4-Dioxane	8081B - TCL Pesticides - OLM04.2	8270D - TCL SVOA	8260C - TCL list VOAs	6010C, 7470A	6010C, 7470A	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	A	N	N	A	D	I		
MW3-20170720	7-20-17	1300	G	Water	N		X	X	X	X	X	X	X	14	
DUPE 1-20170720	7-20-17		G	Water	N		2	3	2	2	3	1	1	14	
MW1-20170720	7-20-17	1035	G	Water	N		2	3	2	2	3	1	1	14	
DW1-20170720	7-20-17	1600	G	Water	N		2	3	2	2	3	1	1	14	
MW4-20170720	7-20-17	1615	G	Water	N	Y	6	9	6	6	9	3	3	42	MS/MSD Volume
MW5-20170721	7-21-17	0800	G	Water	N		2	3	2	2	3	1	1	14	
MW2-20170720	7-20-17	1100	G	Water	N		2	3	2	2	3	1	1	14	
FB1-20170720	7-20-17	1820	G	Water	N		2	3	2	2	3	1	1	14	
TB1-20170720	7-20-17			Water							2			2	
			MK	Water			7-21-17								
				Water											

Page 10 of 12

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Justin Stier	7-21-17 1042	HDR	Tim Kohler	7-21-17 1042	TA
Tim Kohler	7-21-17 1800	TA		7/22/17 900	TAWS

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.1°C

8/21/2017

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Sam

320-30080 Field Sheet

Job:_____

Tracking # 7A173415 9230 P.O.

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations. File in the job folder with the COC.

Notes:_____

Therm. ID: AK-1 / AK-2 / HACCP /Other_____

Ice X Wet X Dry_____ Other_____

Cooler Custody Seal: GA 90 93

Sample Custody Seal: + AA

Cooler ID: 3/3

Temp: Observed 1.1°C

Corrected: —

From: Temp Blank ☒ Sample ☐

NCM Filed: Yes ☐ No ☐

	Yes	No	NA
Perchlorate has headspace?	☐	☐	☒
CoC is complete w/o discrepancies?	☒	☐	☐
Samples received within holding time?	☒	☐	☐
Sample preservatives verified?	☐	☐	☒
Cooler compromised/tampered with?	☐	☒	☐
Samples compromised/tampered with?	☐	☒	☐
COC and Samples w/o discrepancies?	☒	☐	☐
Sample containers have legible labels?	☒	☐	☐
Containers are not broken or leaking?	☒	☐	☐
Sample date/times are provided.	☒	☐	☐
Appropriate containers are used?	☒	☐	☐
Sample bottles are completely filled?	☒	☐	☐
Zero headspace?*	☐	☐	☒
Multiphasic samples are not present?	☒	☐	☐

Initials: AA Date: 7/22/17

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Login Sample Receipt Checklist

Client: New York State D.E.C. Job Number: 320-30080-1

Login Number: 30080 **List Source: TestAmerica Sacramento**
List Number: 1
Creator: Turpen, Troy

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	849093
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?	False	
There are no discrepancies between the sample IDs on the containers and the COC.	False	Refer to job narrative for details
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	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Appendix D

Data Usability Summary Report

Data Validation Services

120 Cobble Creek Road P.O. Box 208
North Creek, NY 12853

Phone 518-251-4429
harry@frontiernet.net

October 2, 2017

Justin Starr
HDR
16 Corporate Woods Blvd Suite 204
Albany, NY 12211

RE: Validation of the 78 Sheer Road Site Analytical Data
NYSDEC Project No. D007625-33
Data Usability Summary Report (DUSR)
TAL SDG Nos. 480-121130-1, J121588-1, and 320-30080-1

Dear Mr. Starr:

Review has been completed for the data packages noted above, generated by TestAmerica Laboratories, that pertain to samples collected between 7/13/16 and 7/20/17 at the 78 Sheer Road site. Eleven soil samples, six aqueous samples, and field duplicates of both matrices were processed for TCL volatiles, TCL semivolatiles, TCL pesticides, TAL metals. The aqueous samples were also processed for Perfluoroalkyl acids (PFAs), 1,4-dioxane, and dissolved metals on a filtered fraction of the samples. The analytical methods that were utilized are those of the USEPA SW846 and a modified Method 537.

The data packages submitted contain full deliverables for validation, but this DUSR is generated from review of the summary form information, with full validation review of sample raw data, and limited review of associated QC raw data. However, the reported summary forms have been reviewed for application of validation qualifiers, using guidance from the USEPA Region 2 validation SOPs, the USEPA National Functional Guidelines for Data Review, the specific laboratory methodologies, and professional judgment. The following items were reviewed:

* Laboratory Narrative Discussion
* Custody Documentation
* Holding Times
* Surrogate and Internal Standard Recoveries
* Matrix Spike Recoveries/Duplicate Correlations
* Field Duplicate Correlations
* Equipment, Preparation, and Calibration Blanks
* Laboratory Control Samples (LCSs)
* Instrumental Tunes
* Calibration/Low Level Standards
* ICP Serial Dilution
* Instrument MDLs
* Sample Result Verification

The data review includes evaluation of the specific items noted in The NYS DER-10 Appendix B section 2.0 (c). The items listed above that show deficiencies are discussed within the text of this narrative. The laboratory QC forms illustrating the excursions can be found within the laboratory data packages.

In summary, sample processing was primarily conducted in compliance with the analytical protocol requirements. Sample results are usable either as reported or with qualification or edit. However, it should be noted that the soil metals' data shows a possible strong matrix effect on analyte recovery and a non-homogenous matrix. Additionally, many of the reporting limits for semivolatiles in soil samples are elevated due to dilutions required by the matrix.

Representativeness, comparability, organic accuracy and precision evaluation, and data completeness are acceptable, with the exception that no volatile matrix accuracy evaluations were performed. Due to the dilutions required by the matrix for some of the analyses, sensitivity is not optimal.

Copies of the validation qualifier definitions and client sample identifications are attached to this text, and should be reviewed in conjunction with this report. Also included with the submission is the client EDDs, with validation edits/qualifiers applied in red.

Chain-of-Custody and Sample Receipt

The client IDs of two samples were edited after receipt at the request of the client.

Samples collected 07/20/17 were held by the TAL interim courier prior to shipment to the laboratory. A memorandum to the file should be made to document the temperature and condition of the samples during the interim.

Blind Field Duplicates

Blind field duplicate evaluations were performed on SS4-0-2-20170712 and MW-320170720. All correlations fall within validation guidelines except those for seven metals in the soil sample. Results for arsenic, barium, beryllium, calcium, magnesium, manganese, and sodium in SS4-0-2-20170712 and its duplicate are therefore qualified as estimated in value. A non-homogeneous matrix is suspected.

TCL Volatiles by EPA 82760C—Full Scan and SIM

Matrix spikes of SS3-0-2-20170713 show outlying recoveries for most of the analytes. A matrix effect is suspected, and the results for that sample have been qualified as estimated in value.

Matrix spikes of MW4-20170720 show recoveries and correlations within validation guidelines.

Surrogate and internal standard recoveries are within required ranges. Calibrations standards showed acceptable responses. Blanks show no detection of analytes also detected in the samples.

TCL Semivolatiles by EPA 8270C

The detection of naphthalene in MW-3-20170720 is considered external contamination due to presence in the associated method blanks, and has been edited to reflect non-detection.

Matrix spikes of MW4-20170720 and SS3-0-2-20170713 show recoveries and correlations within validation guidelines.

Surrogate and internal standard recoveries are within required ranges. Calibrations standards showed acceptable responses.

Some of the samples are processed only at dilution due to the color, appearance, and/or ability to concentrate the extract (due to matrix). This resulted in proportionally elevated reporting limits.

TCL Pesticides by EPA8081B

The following detected results exhibit elevated dual column quantitative correlations, are qualified to reflect the uncertainty in identification and/or quantitation. The values have been either qualified as estimated ("J") or qualified as tentative in identification and estimated in value ("NJ") depending on the degree of variance:

- 4,4'-DDE in MW5-8-12-20170712 and heptachlor epoxide in MW1-2017-0720 as J
- 4,4'-DDE in SS6-0-2-20170713 and 4,4'-DDD in SS5-0-2-20170713 as NJ

Due to presence in the associated method blank, the detections of a-BHC and g-BHC in the samples are considered external contamination and edited to reflect non-detection.

Matrix spikes of MW4-20170720 and SS3-0-2-20170713 show recoveries and correlations within validation guidelines.

TAL Metals Analyses by EPA 6010C and 7470/7471

Matrix spike/duplicate evaluations SS3-0-2-20170713, MW4-20170720-Total, and MW4-20170720-Dissolved show the following recoveries and correlations that fall outside the validation action limits, and results for the listed elements are qualified as estimated in the indicated parent sample:

Parent Sample	Element	Outlying % Recoveries	Outlying % RPD
SS3-0-2-20170713	Antimony	35 and 46	
	Aluminum		39
	Iron		82
	Calcium	350 and -129	132
	Chromium	52	49
	copper	50 and 133	66
	Lead	71 and -137	93
	Magnesium		53
	Potassium	136 and 293	47
	Silver	50	36
	Vanadium	51	37
	Zinc	1 and 25	
MW4-20170720-Total	Manganese	141 and 142	

The ICP serial dilution evaluation performed on MW4-20170720-Total and MW4-20170720-Dissolved exhibit correlations within the validation action limits.

The serial dilution of SS3-0-2-20170712 shows elevated correlations (26%D to 36%D) for aluminum, barium, beryllium, calcium, chromium, copper, iron, magnesium, manganese, potassium, vanadium, and zinc, results for those elements are qualified as estimated in that parent sample, with a possible low bias. This indicates and significant matrix effect, and results of soils with similar matrices should be used with caution.

Total and dissolved quantitative values correlate well, with the following exceptions, results for which are qualified as estimated in both fractions of the indicated sample:

- Potassium in MW1-20170720 and DW1-20170720
- Sodium in MW2-20170720

Instrument processing was compliant with analytical protocols.

PFAs by Modified EPA Method 537

Review was conducted for method compliance, holding times, transcription, calculations, standard and blank acceptability, accuracy and precision, etc., as applicable to each procedure. All were found acceptable for the validated samples, unless noted specifically within this text.

The modified procedure used by the laboratory differs significantly from the Method 537. Of most note are the more lenient acceptance limits for calibration, surrogate, and internal standards. The calibration standard responses for those associated with this project do meet the analytical protocol requirements, and there are no concerns in that regard. The surrogate/internal monitoring standards' method acceptance limits are 70% to 130%/50% to 150%, whereas the laboratory utilizes a more generous range of 25% to 150%. However, the laboratory is using internal standards that are primarily deuterated analogs of the target analytes (i.e. isotopic dilution), which mathematically adjusts for variances in recovery of the target analytes. The recoveries for those internal standards in the samples fall within the internal standard procotol limit. Therefore, no qualification to reported results is made as a result of the method modifications.

Due to presence in the associated blanks, the detections of perfluorobutanoic acid (PFBA) and perfluorotetradecanoic acid (PFTeA) are considered external contamination and edited to reflect non-detection in all samples, except the PFBA in MW-4-20170720.

Please do not hesitate to contact me if questions or comments arise during your review of this report.

Very truly yours,

Judy Harry

Att: Validation Qualifier Definitions
Sample Identifications
Qualified Client EDD

VALIDATION DATA QUALIFIER DEFINITIONS

U	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
J-	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
J+	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.
UJ	The analyte was analyzed for, but was not detected. The associated reported quantitation limit is approximate and may be inaccurate or imprecise.
NJ	The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control limits. The analyte may or may not be present.
EMPC	The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample.

Client and Laboratory Sample IDs

Sample Summary

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121130-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-121130-1	MW1-8-12-20170712	Solid	07/12/17 13:05	07/15/17 01:45
480-121130-2	MW5-8-12-20170712	Solid	07/12/17 11:35	07/15/17 01:45
480-121130-3	MW2-8-12-20170712	Solid	07/12/17 15:10	07/15/17 01:45
480-121130-4	SS4-0-2-20170712	Solid	07/12/17 14:00	07/15/17 01:45
480-121130-5	DUPE-20170712	Solid	07/12/17 14:00	07/15/17 01:45
480-121130-6	SS3-0-2-20170713	Solid	07/13/17 07:30	07/15/17 01:45
480-121130-7	MW4-4-8-20170713	Solid	07/13/17 09:00	07/15/17 01:45
480-121130-8	MW3-8-11-20170713	Solid	07/13/17 10:10	07/15/17 01:45
480-121130-9	SS2-0-2-20170713	Solid	07/13/17 10:30	07/15/17 01:45
480-121130-10	SS4-0-2-20170713	Solid	07/13/17 10:45	07/15/17 01:45
480-121130-11	SS6-0-2-20170713	Solid	07/13/17 11:00	07/15/17 01:45
480-121130-12	SS5-0-2-20170713	Solid	07/13/17 11:20	07/15/17 01:45

Sample Summary

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 480-121588-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-121588-1	MW3-20170720	Water	07/20/17 13:00	07/25/17 01:00
480-121588-2	DUPE1-20170720	Water	07/20/17 00:00	07/25/17 01:00
480-121588-3	MW1-20170720	Water	07/20/17 10:35	07/25/17 01:00
480-121588-4	DW1-20170720	Water	07/20/17 16:00	07/25/17 01:00
480-121588-5	MW4-20170720	Water	07/20/17 16:45	07/25/17 01:00
480-121588-6	MW5-20170721	Water	07/21/17 08:00	07/25/17 01:00
480-121588-7	MW2-20170720	Water	07/20/17 17:00	07/25/17 01:00
480-121588-8	EB1-20170720	Water	07/20/17 18:20	07/25/17 01:00
480-121588-9	TB1-20170720	Water	07/20/17 00:00	07/25/17 01:00

Sample Summary

Client: New York State D.E.C.
Project/Site: 78 Sheer Rd. #442055

TestAmerica Job ID: 320-30080-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-30080-1	MW3-20170720	Water	07/20/17 13:00	07/22/17 09:00
320-30080-2	DUPE1-20170720	Water	07/20/17 00:00	07/22/17 09:00
320-30080-3	MW1-20170720	Water	07/20/17 10:35	07/22/17 09:00
320-30080-4	DW1-20170720	Water	07/20/17 16:00	07/22/17 09:00
320-30080-5	MW4-20170720	Water	07/20/17 16:45	07/22/17 09:00
320-30080-6	MW5-20170721	Water	07/21/17 08:00	07/22/17 09:00
320-30080-7	MW2-20170720	Water	07/20/17 17:00	07/22/17 09:00
320-30080-8	EB1-20170720	Water	07/20/17 18:20	07/22/17 09:00

Appendix E

NYSDEC Spill Report

NYSDEC SPILL REPORT FORM

DEC REGION: 4 **SPILL NUMBER:** 1606716

SPILL NAME: IN THE WELL **DEC LEAD:** DJWEHN

CALLER NAME: ECO CURINGA **NOTIFIER'S NAME:** ECO CURINGA

CLR'S AGENCY: NYS DEC **NOTIFIER'S AGENCY:** NYS DEC

CALLER'S PHONE: (518) 925-5549 **NOTIFIER'S PHONE:** (518) 925-5549

SPILL DATE: 10/07/2016 **SPILL TIME:** 11:20 am **DISPATCHER:** dfdibene

CALL RECEIVED DATE: 10/07/2016 **RECEIVED TIME:** 11:20 am

SPILL LOCATION

PLACE: IN THE WELL **COUNTY:** Rensselaer

STREET: 78 SHEER ROAD **TOWN/CITY:** Sand Lake

COMMUNITY: AVERILL PARK

CONTACT: ECO CURINGA **CONTACT PHONE:** (518) 925-5549

CONT. FACTOR: Deliberate **SPILL REPORTED BY:** Other

FACILITY TYPE: Private Dwelling **WATERBODY:**

CALLER REMARKS:

Spill to the well. ECO Curinga believes it was intentionally done. Paint and fertilizer dumped down the well.

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
paint	Other			Soil,
fertilizers	Other			Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
HOMEOWNER	78 SHEER ROAD AVERILL PARK NY	

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

10/07/16 - TC with ECO Curinga. Contact for Town is Mike Wager. Site has dug well with clay liner. Water in well at appr. 10' bgs. He indicated he could see paint and fertilizer in the well. There used to be a trailer on the site but that has been removed. The well was the active water supply for the trailer. DP

10/07/16 - TC with Josh Utberg (DEC). Need to contact Rich Elder (Rensselaer County DOH). DP

10/07/16 - TC with Rich Elder. Discussed spill and cleanup.

10/07/16 - TC with John Bigelow (NRC). Hired them to remove material from well and vac out well to limit continuing impacts to well. DP

10/07/16 - Via texts with NRC (Dan), they pulled trash out of shallow well and vacced out liquid (water and other materials)

DEC REGION: 4 **SPILL NUMBER:** 1606716

SPILL NAME: IN THE WELL **DEC LEAD:** DJWEHN

down to mud. Well has recharged appr. 3". Depth of well possibly 25' deep. Advised NRC to vac out again. NRC estimated they vacced out appr. 300 gallons of liquid. Advised them to save fertilizer bag retrieved from the well and the paint bucket from next to the well. NRC sent pictures to DEC. DP

11/02/2016 - Received waste manifest from op-tech to enpro.
10/12/16 - Stopped at site. No one at site. Checked well. Well is appr. 2' diameter clay tile well with groundwater at appr. 13'4" with the depth of the well at appr. 18'. Noted something on the water when looking into well. Checked with sorbent pad which had some dry red paint on it. Took photos. Noted numerous other containers in the area including windshield washer fluid, and gas cans. DP

10/17/16 - TC with Mike Wager (Sand Lake (T) Codes). He indicated the former owner of the property is Frederick Finn Jr. The property was auctioned off on 10/5/16. Mike did not know who bought the property at the auction. Prior to the auction on 10/4/16, the neighbors checked the site and noted the impacts to the supply well. DP

10/14/2016 - NRC vacced out and sampled well last week. NRC noticed a pesticide odor. Test America ran sample for pesticides, herbicides, 524.2, 310.34 and metals. -DJW

11/29/2016- Reviewed analytical results. Hits of metals (Iron (33ppb), Magnesium (39ppm), and Lead (.088ppm)). Lindane reported at 2.6 ppb, Endrin at .26J ppb and alpha-BHC at .083J.

Forwarded report to HazWaste and Rens DOH -DJW

12/02/2016 - Received haz waste manifest -DJW

PIN	T & A	COST CENTER
H6966		

CLASS: **CLOSE DATE:** **MEETS STANDARDS:** False

Appendix F

Site Photos

PHOTOGRAPHIC LOG

Client Name/Contract	Site Location:	NYSDEC Site No.
NYSDEC D007625	78 Sheer Road	442055

Photo No.	Date:
1	7/12/17

Description:

GeoProbe 6610DT set up at MW5 with dug well located along right side of image.

Photo No.	Date:
2	7/12/17

Description:

Installation of MW1 next to dug well.

PHOTOGRAPHIC LOG

Client Name/Contract	Site Location:	NYSDEC Site No.
NYSDEC D007625	78 Sheer Road	442055

Photo No.	Date:
3	7/12/17

Description:

Example of site sediment from Macro-Core® sampler.

Photo No.	Date:
4	7/20/17

Description:

Sampling of the dug well.

PHOTOGRAPHIC LOG

Client Name/Contract	Site Location:	NYSDEC Site No.
NYSDEC D007625	78 Sheer Road	442055

Photo No.	Date:
5	5/11/17

Description:

General site conditions: View North.

Note PVC pipe is connected to the septic tank

Photo No.	Date:
6	5/11/17

Description

General site conditions: View South.