January 28, 2013

North Carolina Department of Environment and Natural Resources
Division of Waste Management – Inactive Hazardous Sites Branch
Pre-Regulatory Landfill Unit
Green Square Complex
DENR Office Building
217 West Jones Street
Raleigh, North Carolina 27603

Attention: Ms. Analee Thornburg email: analee.thornburg@ncdenr.gov
Hydrogeologist

Reference: **Remedial Investigation – Contamination Delineation Phase Report**
Flemington Landfill
Wilmington, New Hanover County, North Carolina
Task Order 3056DP-6
ID No. NCD980503056

Dear Ms. Thornburg:

S&ME, Inc. (S&ME) is submitting this draft report to the North Carolina Department of Environment and Natural Resources (NCDENR), Pre-Regulatory Landfill Unit (Unit) summarizing the results of the Remedial Investigation Contaminant Delineation Phase activities conducted at the above-referenced site in Wilmington, North Carolina. S&ME completed this investigation in general conformance with our approved proposal dated September 24, 2012 for Task Order 3056DP-4, DP-5 and DP-6 under State contract N10003S.

The attached report includes the results of the following tasks requested by the Unit:

- Sediment sampling;
- Intermediate groundwater aquifer sampling; and,
- Field screening of landfill gas.

Please call us at 919-872-2660 with any questions or comments.

Sincerely,
S&ME, Inc.

Gerald Paul
Project Manager

Tom Raymond, PE, RSM
Program Manager

Attachment: Remedial Investigation – Contaminant Delineation Phase Report

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REMEDIAL INVESTIGATION – CONTAMINATION DELINEATION PHASE REPORT
FLEMINGTON LANDFILL
WILMINGTON, NEW HANOVER COUNTY, NORTH CAROLINA

ID No. NCD980503056
State of North Carolina Contract No. N10003S
NCDENR Task Order 3056DP-6

Prepared for:
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Gerald Paul
Project Manager

Tom Raymond, PE, RSM
Program Manager

January 28, 2013

CURRENT INVESTIGATION

S&ME completed the following Scope of Services for this investigation in general conformance with our proposal dated September 24, 2012 for Task Orders 3056DP-4, 3056DP-5 and 3056DP-6 under State contract N10003S:

- Collected sediment samples at seven locations (SED-1 through SED-7);
- Hand augured, field screened and collected three background soil samples (BG-6 through BG-8);
- Installed eight temporary monitor wells (TMW-1 through TMW-8);
- Collected eight soil samples from the temporary monitor well borings (TMW-1 through TMW-8), one from each boring based on field screening results;
- Collected eight groundwater samples from the temporary monitor wells (TMW-1 through TMW-8), one from each temporary monitor well based on field screening results;
- Abandoned eight temporary monitor wells (TMW-1 through TMW-8);
- Installed 14 landfill gas probes (VP-10 through VP-23);
- Collected two soil samples from the installation borings for landfill gas probes VP-14 and VP-21, one from each boring based on field screening results;
- Conducted field screening of landfill gas at 23 sample locations (VP-1 through VP-23);
- Subcontracted the analyses of soil (background), soil (sediment), groundwater and quality control samples for selected analytical parameters; and,
- Subcontracted a licensed North Carolina surveyor (Bateman Civil Surveying) to record the horizontal locations, top of casing elevations and ground surface elevations of the temporary monitor wells; and,
- Prepared this report.

The approximate coordinates of site features are listed in table format in **Appendix I.**

1. BACKGROUND SOIL BORINGS

1.1 Background Soil Boring Installation and Sampling

S&ME used a hand held Trimble GPS unit to acquire coordinates of three predetermined background soil sampling locations (BG-6 through BG-8). On October 26, 2012, S&ME personnel used a decontaminated stainless steel hand auger to collect three background soil samples from around the facility. Soils were continuously logged from the cuttings and classified according to the Unified Soil Classification System (USCS).

Three background soil samples (BG-6 through BG-8) were sent under proper chain-of-custody procedures to Test America Laboratories, Inc. (Test America), a North Carolina certified laboratory for analyses of VOCs by Method 8260B, SVOCs by Method 8270D, total solids, 15 metals by Methods 6020 and 7471B, ammonia by Method 350.1, and

sulfate and nitrate by Method 9056. The top ten chromatogram peaks (if detected with a quality factor of greater than 85%) of Tentatively Identified Compounds (TICs) were also included in the VOC and SVOC analyses.

The locations of the background soil sample locations are shown on **Figure 1**. The approximate coordinates of the background soil sample locations are presented in **Appendix I**.

1.2 Background Soil Sampling Results

The laboratory analytical results of the background samples collected on October 26, 2012 indicated that the following Constituents of Concern (COCs) were detected at concentrations greater than the IHSB - Preliminary Residential Health Based Soil Remediation Goals or Protection of Groundwater Goals (PSRGs):

- Arsenic in BG-6
- Iron in BG-6 and BG-8.

No nitrates, sulfates, or SVOCs were detected in the record samples. One VOC, ammonia, and additional metals were detected above the laboratory method detection limits, but below the PSRGs in one or more of the record samples (BG-6, BG -7, and BG -8). The samples were also analyzed for VOC and SVOC TICs. Several VOC and SVOC TICs were detected in the soil samples and are shown on **Table 1**. See **Figure 2** and **Table 1** for summaries of the background soil sample analytical results. The laboratory reports are included in **Appendix II**.

2. LANDFILL GAS PROBES

2.1 Landfill Gas Probes Installation

Between October 23 and 29, 2012, S&ME's drill crew installed 14 landfill gas probes (VP-10 through VP-23). S&ME utilized a track mounted Geoprobe® unit (7730 DT) to install the landfill gas probes. The Geoprobe® was outfitted with a 3 ¼" diameter hollow stem augers. The gas probes were installed in general accordance with the September 24, 2012 proposal for the delineation phase activities.

As requested by the Unit in the September 4, 2012 Cost Proposal Request letter, S&ME personnel collected soil samples during the installation of two of the gas probes (VP-14 and VP-21). S&ME personnel collected soil samples during the installation of each vapor probe at depths of 0 to 2.5 feet below ground surface (ft-bgs), 2.5 to 5.0 ft-bgs, and 5.0 to 7.5 ft bgs. Each sample was screened for organic vapors. As no visual indicators of contamination or elevated organic vapors were noted in any of the samples collected, the soil samples collected from the 2.5 to 5.0 ft-bgs depth interval from each boring were sent under proper chain-of-custody procedures to Test America for analyses of VOCs by

Method 8260B, SVOCs by Method 8270D, 15 metals by Methods 200.8, 6010, 6020 and 7470A, ammonia by Method 350.1, and sulfate and nitrate by Method 9056. The top ten chromatogram peaks (if detected) of TICs were also included in the VOC and SVOC analyses.

Based upon the visual indications of the waste thickness at each boring location and the approximate depth to water information obtained during over-drilling each probe, the gas probes were screened to target contact with the waste and well screens to allow the maximum amount of landfill gas to enter the probes for sampling. Based upon the depth to water and waste thickness, one to five foot long 1-inch diameter, 0.010 inch slotted screens with nominal 1 inch diameter PVC well casings were initially used to bring the gas probes to approximately 3.0' above the ground surface (stick-up casings). The 14 gas probes were labeled and fitted with locks and expandable well caps. As no gas probes were installed in high traffic areas, all gas probes were completed with 4" square steel stick-up protecting casings. All gas probes were encased with concrete pads. The locations of the landfill gas probe locations are shown on **Figure 1**. The landfill gas probe construction details are presented in **Table 2** and **Appendix III**.

2.2 Soil Sample Results (VP-14 and VP-21)

The laboratory analytical results of the soil/waste samples collected on October 26, 2012 indicated that the following Constituents of Concern (COCs) were detected at concentrations greater than the IHSB - Preliminary Residential Health Based Soil Remediation Goals or Protection of Groundwater Goals (PSRGs):

- Iron in VP-14 and VP-21.

No sulfates or SVOCs were detected in the record samples. One VOC, ammonia, nitrates, and metals were detected above the laboratory method detection limits, but below the PSRGs in one or more of the record samples VP-14 and VP-21. The samples were also analyzed for VOC and SVOC TICs. Several VOC and SVOC TICs were detected in the soil samples and are shown on **Table 1**. See **Figure 2** and **Table 1** for summaries of the soil sample analytical results. The laboratory reports are included in **Appendix II**.

2.3 Landfill Gas Sampling and Analysis

S&ME personnel performed landfill gas sampling on October 31, 2012 at the Flemington Landfill site to assess the soil gas at gas monitoring points VP-1 through VP-23. In order to measure the landfill gas, a PVC slip cap fitted with a barbed tube attachment over the top of the gas probe and the cap was sealed with Teflon® tape. Tygon® tubing was attached to the barb fitting. The tubing was then fitted each meter that was used to collect soil gas data at each sample point. The following field instruments were used to collect soil gas data from the sample points:

- Landfill Gas Meter - GEM2000 PLUS for: methane, carbon dioxide, oxygen and barometric pressure

- Digi-sense Thermohygrometer was used to monitor ambient air for temperature, humidity and barometric pressure throughout the sampling event.

The meters were operated for approximately two minutes at each location and the readings recorded.

2.4 Landfill Gas Sampling Results

Methane concentrations exceeding the lower explosive limit (5% Methane) were detected in 10 of the 23 landfill gas vapor probes (VP-1, VP-2, VP-5 through VP-9, VP-11, VP-12 and VP-15. Methane was also detected in VP-3, VP-4, VP-14, VP-16 through VP-19 and VP-20 through VP-23, above background levels, but below the lower explosive limit. Hydrogen Sulfide was detected in nine landfill gas probes (VP-1, VP-2, VP-5, VP-6, VP-7, VP-8, VP-11, VP-12, and VP-15) above background concentrations.

Hydrogen Sulfide was detected in nine landfill gas probes (VP-1, VP-2, VP-5 through VP-8, VP-11, VP-12, and VP-15) above background concentrations and exceeding the IHSB Residential Vapor Intrusion Screening Levels - Acceptable Soil-Gas Concentration (1,460µg/m^3). The GEM 2000 displays the hydrogen sulfide concentration as parts per million by volume (ppm-v). S&ME converted the hydrogen sulfide readings from the field meters in ppm-v to the applicable IHSB measurement of micrograms per cubic meter (µg/m^3) using the following equation:

$$1\ \text{ppm} = \frac{V_m}{M}\ \frac{1\ \mu\text{g gas}}{1\ \text{L air}}$$

Where:

V_m = standard molar volume of ideal gas (at 1 bar and 273.15 K) [3] [22.71108 L/mol]

M = molecular weight of gas (Hydrogen Sulfide = 34.08 g/mol) [g/mol]

The results of the soil gas sampling from the landfill gas probes are summarized on **Table 3.** The methane results exceeding the lower explosive limits and hydrogen sulfide results exceeding the IHSB Residential Vapor Intrusion Screening Levels are shown on **Figure 3**. Copies of the field sampling forms are attached in **Appendix IV**.

3. BORROW PIT SEDIMENT SAMPLING

S&ME used a hand held Trimble GPS unit to acquire coordinates of the borrow pit sediment sample locations. Borrow pit sediment sampling was conducted on October 26, 2012. The borrow pit sediment samples were collected from seven locations (SED-1 through SED-7). The sediment samples were collected from the borrow pits located along the western and southern boundaries of the landfill. S&ME collected the samples and documented the sample collection and chain of custody procedures in accordance with S&ME's approved Standard Operating Procedures and Quality Assurance Manual dated July 2010.

As requested by the Unit in the September 4, 2012 Cost Proposal Request letter, four borrow pit sediment samples (SED-1 through SED-4) were sent under proper chain-of-custody procedures to Test America, a North Carolina certified laboratory for analyses of thallium by Method 6020. The remaining borrow pit sediment samples (SED-5 through SED-7) were sent under proper chain-of-custody procedures to Test America for analyses of VOCs by Method 8260B, SVOCs by Method 8270D, total solids, 15 metals by Methods 6020 and 7471B, ammonia by Method 350.1, and sulfate and nitrate by Method 9056. The top ten chromatogram peaks (if detected with a quality factor of greater than 85%) of TICs were also included in the VOC and SVOC analyses.

The original field notes and field sampling forms are included in **Appendix IV**. The locations of the borrow pit sediment sample locations are shown on **Figure 1**. The approximate coordinates of the borrow pit sediment sample locations are presented in **Appendix I**.

3.1 Borrow Pit Sediment Sample Results

The laboratory analytical results of the sediment samples collected on October 26, 2012 indicated that the following Constituents of Concern (COCs) were detected at concentrations greater than the IHSB - Preliminary Residential Health Based Soil Remediation Goals or Protection of Groundwater Goals (PSRGs):

- Arsenic in SED-5, SED-6 and SED-7;
- Iron in SED-5, SED-6, and SED-7

Concentrations of thallium were not detected in any of the samples collected. No nitrates or SVOCs were detected in the record samples. One VOC, ammonia, sulfates and metals were detected above the laboratory method detection limits, but below the PSRGs in one or more of the record samples (SED-5, SED-6, and SED-7). The samples were also analyzed for VOC and SVOC TICs. Several VOC and SVOC TICs were detected in the sediment samples and are shown on **Table 4**. See **Figure 2** and **Table 4** for summaries of the sediment sample analytical results and a comparison to the previous sampling event of select samples (SED-1 through SED-4, March 14, 2012). The laboratory reports are included in **Appendix II**.

4 TEMPORARY MONITOR WELLS

4.1 Temporary Monitor Well Installation

Between October 23 and 29, 2012, S&ME's drill crew installed eight temporary monitor wells (TMW-1 through TMW-8). S&ME utilized a track mounted Geoprobe® unit (7730 DT) to install the temporary monitor wells. The temporary monitor wells were installed in general accordance with the September 24, 2012 proposal for the delineation phase activities.

As requested by the Unit in the September 4, 2012 Cost Proposal Request letter, S&ME personnel collected soil samples during the installation of each of the temporary monitor wells. S&ME personnel collected soil samples during the installation of each temporary monitor well at intervals of 2.5 feet until the groundwater surface was encountered. Each sample was screened for organic vapors. As no visual indicators of contamination or elevated organic vapors were noted in any of the samples collected, the soil samples from each boring associated with the temporary monitor wells were collected from the 2.5 to 5.0 ft-bgs depth interval (except TMW-8). The soil sample collected during the installation of TMW-8 was collected from the 0 to 2.5 ft-bgs depth interval due to a shallow water table at this location (groundwater at 2.5 ft-bgs). Each soil sample collected was sent under proper chain-of-custody procedures to Test America for analyses of VOCs by Method 8260B, SVOCs by Method 8270D, 15 metals by Methods 200.8, 6010, 6020 and 7470A, ammonia by Method 350.1, and sulfate and nitrate by Method 9056. The top ten chromatogram peaks (if detected) of TICs were also included in the VOC and SVOC analyses.

Each temporary monitor well was installed to either the top of where the indurated calcareous sands were located or until the top of the Peedee Formation (reportedly bottom of the Quaternary Sands) was encountered. The temporary monitor wells were installed to depths ranging from approximately 23.0 (TMW-7) to 55.0 ft-bgs (TMW-2). Once the total depth of each temporary monitor well was determined, 15 to 20 feet of nominal one-inch diameter PVC pre-pack screens was installed through the Geoprobe casing for each of the temporary monitor wells. A pre-packed foam bridge and pre-packed bentonite seal (2.5') were also installed. A nominal one-inch diameter PVC casing was installed from the prepack seal depth to approximately one to three feet above the ground surface. The temporary monitor well construction details are presented in **Table 5** and **Appendix III**.

Upon completion of the temporary monitor wells, S&ME subcontracted a licensed North Carolina surveyor (Bateman Civil Surveying) to record the horizontal locations, top of casing elevations and ground surface elevations of the temporary monitor wells.

4.2 Soil Sample Results

The laboratory analytical results of the soil samples collected on October 26 and 29, 2012 indicated that the following COCs were detected at concentrations greater than the IHSB - Preliminary Residential Health Based Soil Remediation Goals or Protection of Groundwater Goals (PSRGs):

- Arsenic in TMW-2, TMW-5, TMW-7, and TMW-8;
- Iron in TMW-1, TMW-2, TMW-3, TMW-4, TMW-5, TMW-7, and TMW-8

No SVOCs were detected in the record samples. Several VOCs, ammonia, sulfates and metals were detected above the laboratory method detection limits, but below the PSRGs in one or more of the record samples (TMW-1 through TMW-8). The samples were also analyzed for VOC and SVOC TICs. Several VOC and SVOC TICs were detected in the soil samples and are shown on **Table 1**. See **Figure 2** and **Table 1** for summaries of the soil sample analytical results. The laboratory reports are included in **Appendix II**.

4.3 Temporary Monitor Well Sampling and Analysis

On October 30, 2012, S&ME gauged, purged and sampled each temporary monitor well (TMW-1 through TMW-8). The depth to groundwater measurements ranged from 3.01 feet below top of casing (ft-TOC) at TMW-8 to 23.60 ft-TOC at TMW-3. A groundwater contour map (**Figure 4**) was generated using the groundwater elevation data collected from the temporary monitor wells on October 30, 2012. Based upon the groundwater potentiometric surface elevations, a groundwater divide exists in the center of the site, with the groundwater flow direction estimated to be to the west-southwest and northeast in the northern portion of the site and to the southeast in the southern portion of the site. The depth-to-groundwater measurements and elevations for the temporary monitor wells are presented in **Table 5**. The groundwater purging data is presented in **Table 6**.

The groundwater samples were collected using a peristaltic pump with silicon tubing and new disposable PVC tubing that was inserted into the nominal one-inch diameter PVC well screen. A duplicate sample was collected from temporary monitor well TMW-8. Each groundwater sample collected was sent under proper chain-of-custody procedures to Test America for analyses of VOCs by Method 8260B, SVOCs by Method 8270D, 15 metals by Methods 200.8, 6010, 6020 and 7470A, ammonia by Method 350.1, and sulfate and nitrate by Method 9056. The top ten chromatogram peaks (if detected) of TICs were also included in the VOC and SVOC analyses.

4.4 Temporary Monitor Well Sample Results

The laboratory analytical results of the groundwater samples collected on October 30, 2012 indicated that the following COCs were detected at concentrations greater than the 15A NCAC 2L.0202 Groundwater Quality Standards (2L Standards):

- Benzene in TMW-6 and TMW-8;
- Arsenic in TMW-6;
- Iron in TMW-1 through TMW-8; and,
- Manganese in TMW-1 through TMW-8

Several VOCs, SVOCs, ammonia, sulfates, nitrates, and metals were detected above the laboratory method detection limits, but below the 2L Standards in one or more of the record samples (TMW-1 through TMW-8). The samples were also analyzed for VOC and SVOC TICs. Several VOC and SVOC TICs were detected in the soil samples and are shown on **Table 7**.

See **Figure 5** and **Table 7** for summaries of the groundwater sample analytical results. The laboratory reports are included in **Appendix II**.

5. QUALITY CONTROL

Quality control samples were collected and analyzed as follows:

- Duplicates: one blind duplicate sample was collected for each media (soil gas, groundwater and soil/sediment). The blind duplicate samples were analyzed for the same parameter list as the record samples: VOCs with TICs, SVOCs with TICs, 15 metals, ammonia, sulfate and nitrate for the soil/sediment and groundwater samples and VOCs, Methane, Carbon Dioxide, Oxygen, Hydrogen Sulfide, and Barometric Pressure by field meters for the soil gas samples.
- Equipment Blanks: One equipment blank water sample was collected for each media (groundwater, soil, and sediment). Deionized water, provided from the laboratory, was used to pour through clean unused sampling equipment and tools. The equipment blank water samples were collected and analyzed for the same parameters listed above.
- Trip Blanks: One trip blank water sample was used for each sampling cooler. The laboratory included trip blank VOC vials (filled with water at the laboratory) with the sample jars and coolers shipped to S&ME. The trip blank samples were kept with the sample coolers for the entire trip; from the laboratory, to the field, and back to the laboratory. The trip blank samples were analyzed for VOCs.
- The laboratories conducted USEPA quality assurance and quality control procedures and reporting as required for laboratory analysis according to USEPA Level II Protocols. All reported laboratory analytical data met data quality objectives.

The equipment-blank water sample collected on October 26, 2012, during the collection of the soil samples had a detection of two metals (arsenic and zinc), one VOC (trichloroethene), one VOC TIC, and ammonia. The equipment-blank arsenic detection of 0.4 micrograms per liter (µg/L) is equal to the laboratory detection limit of 0.4 µg/L. The equipment-blank zinc detection of 18 µg/L is slightly above the laboratory reporting limit of 10 µg/L. The equipment-blank trichloroethene detection of 0.2 µg/L is slightly above the laboratory detection limit of 0.13 µg/L. The equipment-blank ammonia detection of 40 µg/L is slightly above the laboratory detection limit of 26 µg/L. All constituents were detected in the equipment blank sample at concentration well below their respective 2L Standards. Several soil samples collected on October 26, 2012 were reported with low detections of these constituents, with the exception of trichloroethene and the VOC TIC. These two compounds were not detected in any of the soil samples collected. It is unlikely that the sampling protocols have affected the results for soil samples collected on October 26, 2012.

The equipment-blank water sample collected on October 26, 2012, during the collection of the borrow pit sediment samples had a detection of one metal (arsenic), one VOC (trichloroethene), and one VOC TIC. The equipment-blank arsenic detection of 0.5 µg/L is slightly above the laboratory detection limit of 0.4 µg/L. The equipment-blank trichloroethene detection of 0.19 µg/L is slightly above the laboratory detection limit of 0.13 µg/L. All constituents were detected in the equipment blank sample at concentration well below their respective 2L Standards. All sediment samples collected on October 26, 2012 were reported with low detections of arsenic. Trichloroethene and the VOC TIC were not detected in any of the sediment samples collected. It is unlikely that the sampling protocols have affected the results for sediment samples collected on October 26, 2012.

The equipment-blank water sample collected on October 30, 2012, during the collection of the groundwater samples had a detection of two metals (copper and zinc), sulfate, and ammonia. The equipment-blank copper detection of 1.0 µg/L is slightly above the laboratory detection limit of 0.21 µg/L. The equipment-blank zinc detection of 6.7 µg/L is slightly above the laboratory detection limit of 2.6 µg/L. The equipment-blank sulfate detection of 5,100 µg/L is slightly above the laboratory reporting limit of 5,100 µg/L. The equipment-blank ammonia detection of 130 µg/L is above the laboratory reporting limit of 130 µg/L. All constituents were detected in the equipment blank sample at concentration well below their respective 2L Standards. Several groundwater samples collected on October 30, 2012 were reported with low detections of these constituents. It is unlikely that the sampling protocols have affected the results for groundwater samples collected on October 26, 2012.

The laboratory supplied trip blank water samples did not indicate the presence of concentrations of any compounds above the laboratory method detection limits.

6. INVESTIGATIVE DERIVED WASTE

Investigative derived wastes (IDW), such as soil cuttings generated during the soil boring advancement were placed back into the borings as no indications of contamination were noted and development water, purge water, and decontamination process water was spread on the ground surface. Used personal protective equipment and sampling disposables were taken off-site for disposal.

7 SOLE USE STATEMENT

This report is solely intended for use by the NCDENR for the services that were performed in accordance with S&ME's Proposal dated September 24, 2012 and subsequent emails as authorized by NCDENR Task Orders 3056DP-4, DP-5 and DP-6, dated December 18, 2012. Use of this report is limited to above-referenced project and NCDENR. Use of this report for other purposes or by other parties is at the sole risk of the user.

8 CERTIFICATION STATEMENT

"I certify that to the best of my knowledge, after thorough investigation, the information contained in or accompanying this certification is true, accurate, and complete."

Thomas P. Raymond, P.E. / S&ME, Inc.
Name of Environmental Consultant / Company

Signature of Environmental Consultant

Jan. 28, 2013
Date

I, Christina Cogliati, a Notary Public of said County and State, do hereby certify that Thomas P. Raymond did personally appear and sign before me this day, produced proper identification in the form of Known to me, was duly sworn or affirmed, and declared that, he or she is the duly authorized environmental consultant referenced above and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 28th day of January, 2013.

(OFFICIAL SEAL)

Notary Public (signature)

My commission expires: 12-5-2016.

CHRISTINA COGLIATI NOTARY PUBLIC WAKE COUNTY, NC Comm. Exp. 12-5-2016.

Tables

Table 1
Soil Sampling Analytical Results (including TICs)
Flemington Landfill
Wilmington, New Hanover County, North Carolina
ID No. NCD980503056
Task Order No. 3056DP-6

Method	Sample ID	TMW-1	TMW-2	TMW-3	TMW-4	TMW-5	TMW-6	TMW-7	TMW-8	BG-6	BG-7	BG-8	Duplicate (BG-6)	VP-14	VP-21	Duplicate (VP-21)	Equipment Blank 2 (µg/L)	Trip Blanks (µg/L)	Preliminary Residential Health-Based PSRG	Protection of Groundwater PSRG	NCAC 2L Standard (µg/L)
	Sample Depth	2.5-5'	2.5-5'	2.5-5'	2.5-5'	2.5-5'	2.5-5'	2.5-5'	0-2.5'	2-4'	2-4'	2-4'	2-4'	2.5-5'	2.5-5'	2.5-5'	NA	NA			
	Parameter / Date	10/26/12	10/26/12	10/29/12	10/29/12	10/29/12	10/29/12	10/26/12	10/26/12	10/26/12	10/26/12	10/26/12	10/26/12	10/26/12	10/26/12	10/26/12	10/26/12	10/26/12			
EPA 9056	Sulfate	ND	ND	ND	ND	ND	ND	23 J	32 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	NE	250,000
	Nitrate	ND	ND	ND	ND	ND	ND	4.3 J	ND	ND	ND	ND	ND	2.7 J	ND	ND	ND	ND	26,000	NE	10,000
EPA 350.1	Ammonia	0.79	0.85	0.76	0.77	2.0	0.88	1.4	0.84	1.0	0.82	0.87	0.94	1.8	2.9	2.6	40 J	ND	NE	NE	NE
VOCs by EPA 8260B	Acetone	ND	ND	ND	0.025 J	0.026 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12,000	24	6,000
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00083 JH	ND	ND	ND	1.1	0.0073	1
	Toluene	ND	ND	ND	0.0011 J	0.0013 J	0.0010 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	820	5.5	600
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.20 J	ND	0.88	0.018	3
	Total Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	0.0022 J	ND	ND	ND	ND	ND	ND	ND	ND	130	5.8	500
VOCs TICs By Method 8260B	Tetrahydrofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0027 J	0.0019 J	ND	0.0023 J	ND	ND	ND	ND	3,600	NE	NE
	Silanol, trimethyl-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.015 TJN	ND	0.014 TJN	ND	ND	ND	ND	NE	NE	NE
SVOCs by EPA 8270D	All Constituents	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
SVOCs TICs by EPA 8270D	Benzene, 1-methyl-4-(1-methylethyl)-	ND	ND	0.23 TJN	ND	ND	ND	ND	0.22 TJN	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	NE	NE
	9-Octadecenamide, (Z)-	0.47 TJN	ND	ND	0.44 TJN	0.90 TJN	0.21 TJN	ND	ND	ND	ND	ND	ND	ND	ND	0.25 TJN	ND	ND	NE	NE	NE
	Oleic Acid	0.18 TJN	0.21 TJN	ND	ND	0.41 TJN	0.39 TJN	0.30 TJN	ND	ND	ND	ND	0.32 TJN	ND	0.39 TJN	0.30 TJN	ND	ND	NE	NE	NE
	Stigmast-4-en-3-one	ND	ND	ND	ND	0.27 TJN	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	NE	NE
	Safrole, Total	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.11 J	ND	ND	ND	ND	ND	NE	NE	NE
	Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimet	ND	ND	ND	ND	ND	ND	ND	ND	0.96 TJN	ND	ND	ND	ND	ND	ND	ND	ND	NE	NE	NE
	Benzene, 1-methoxy-4-(2-propenyl)-	ND	ND	ND	ND	ND	ND	ND	ND	0.17 TJN	ND	ND	ND	ND	ND	ND	ND	ND	NE	NE	NE
	Phenol, 2-methoxy-4-(1-propenyl)-	ND	ND	ND	ND	ND	ND	ND	ND	0.32 TJN	ND	ND	ND	ND	ND	ND	ND	ND	NE	NE	NE
	Benzene, 1,2-dimethoxy-4-(2-propenyl)-	ND	ND	ND	ND	ND	ND	ND	ND	3.6 TJN	ND	ND	ND	ND	ND	ND	ND	ND	NE	NE	NE
	Octadecanoic acid, butyl ester	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.14 TJN	ND	ND	ND	NE	NE	NE
	Heneicosane, 11-decyl-	ND	ND	ND	ND	ND	ND	0.28 TJN	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	NE	NE
	Heneicosane	ND	ND	ND	ND	ND	ND	0.79 TJN	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	NE	NE
	3-Penten-2-one, 4-methyl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50 TJN	ND	NE	NE	NE
Metals by EPA 6020	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.2	0.9	NE
	Arsenic	0.30 B	**0.52**	0.23 J	0.27	**0.46**	0.16 J	**0.98 B**	**0.78 B**	**0.53 B**	0.12 JB	0.28 JB	**0.53 B**	0.35 B	0.35 B	0.26 B	0.40 J	ND	0.39	5.8	10
	Beryllium	ND	ND	ND	ND	ND	ND	0.046 J	0.050 J	ND	ND	ND	0.030 J	ND	ND	ND	ND	ND	32	63	NE
	Cadmium	ND	ND	ND	ND	0.025 J	ND	0.06	0.022 J	ND	ND	ND	0.016 J	0.017 J	ND	0.017 J	ND	ND	14	3	2
	Chromium	1.0	1.8	0.82	1.0	1.6	0.34 J	6.2	4.0	1.8	ND	0.69	1.9	1.2	4.3	3.3	ND	ND	24,000	360,000	10
	Copper	0.31 J	1.2 B	ND	ND	0.97 B	ND	4.9	1.0	0.27 J	ND	ND	0.28 J	0.58	1.0	0.61	ND	ND	620	700	1,000
	Iron	**610**	**970 B**	**390 B**	**560 B**	**640 B**	67 B	**2,700**	**1,900**	**1,300**	23 J	**410**	**1,500**	**520**	**640**	**550**	ND	ND	11,000	150	300
	Lead	1.6	3.5	0.59	0.6	2.9	0.70	9.2	2.4	1.5	0.60	0.93	1.6	2.3	1.9	1.4	ND	ND	400	270	15
	Manganese	8.0	4.8	2.4	1.9	6.1	0.91 J	16	6.0	3.3	0.63 J	2.4	2.9	2.9	5.0	3.7	ND	ND	360	65	50
	Mercury	ND	ND	ND	ND	ND	ND	0.015 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	1	1
	Nickel	0.51 J	0.72	0.49 J	0.74	0.72	ND	1.4	1.2	0.73	ND	0.43 J	0.70	0.50	0.63	0.44 J	ND	ND	300	130	100
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	78	2.1	20
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	78	3.4	20
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.16	0.28	NE
	Zinc	1.3 J	5.8	0.93 J	2.4	7.0	0.97 J	17	3.5	2.2 J	ND	0.91 J	1.4 J	3.3	2.1	1.5 J	18	ND	4,600	1,200	1,000

Notes:
Soil concentrations are reported in milligrams per kilogram (mg/kg), unless otherwise noted.
Quality control samples are reported in micrograms per liter (µg/L).
Analytes that are not shown for the method were not detected.
NA: Not applicable.
NE: Regulatory standard not established for contaminant
ND: Not detected.
B: Compound was detected in the method blank and in the record sample.
PSRG 1 - Preliminary Residential Soil Remediation Goal, Health Based, July 2012.
PSRG 2 - Preliminary Soil remediation Goals, Protection of Groundwater, July 2012.
2L Standard: North Carolina Groundwater Quality Standards: 15A NCAC 2L.0202 (effective January 2010).
Concentrations exceeding a IHSB PSRG goals are shown in **BOLD** fields.
TMW-X soil samples were collected during the installation of the temporary monitor wells.
See **Figures 1 & 2** for sample locations, with sample results indicated on **Figure 2**.

TIC Notes:
TICs: Tentatively Identified Compounds
J: Laboratory Qualifier. Indicates an Estimated Value for TICs
N: Laboratory Qualifier. Presumptive evidence of material.
T: Laboratory Qualifier. Result is a tentatively identified compound (TIC) and an estimated value.
J: Laboratory Qualifier. Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Only those compounds with a quality factor above 85% are reported.

Table 2
Landfill Gas Probe Construction Details
Flemington Landfill
Wilmington, New Hanover County, North Carolina
ID No. NCD980503056
Task Order No. 3056DP-6

Well ID	Date Installed	Total Probe Depth from Top of Casing (Ft)	PVC Casing Stick-Up Length (Ft-ags)	Screen Length (Ft)	Screen Interval (Ft-bgs)	PVC Casing Length (Ft)	PVC Casing Interval (Ft)	Sand (#3 Filter Sand) (Ft-bgs)	Bentonite (Ft-bgs)	Soil (Ft-bgs)
VP-10	10/25/2012	18.0	3.0	5.0	10.0-15.0	13.0	+3.0-10.0	9.0-15.0	7.0-9.0	0.0-7.0
VP-11	10/25/2012	18.0	3.0	5.0	10.0-15.0	13.0	+3.0-10.0	8.0-15.0	6.0-8.0	0.0-6.0
VP-12	10/25/2012	15.0	3.0	5.0	7.0-12.0	10.0	+3.0-10.0	6.0-12.0	4.0-6.0	0.0-4.0
VP-13	10/25/2012	6.0	3.0	1.0	5.0-6.0	8.0	+3.0-5.0	4.0-6.0	2.0-4.0	0.0-2.0
VP-14	10/24/2012	7.0	3.0	4.0	3.0-7.0	6.0	+3.0-3.0	2.0-7.0	1.0-2.0	0.0-1.0
VP-15	10/24/2012	12.0	3.0	5.0	7.0-12.0	10.0	+3.0-10.0	6.0-12.0	5.0-6.0	0.0-5.0
VP-16	10/24/2012	7.0	3.0	4.0	3.0-7.0	6.0	+3.0-3.0	2.0-7.0	1.0-2.0	0.0-1.0
VP-17	10/24/2012	13.0	3.0	5.0	8.0-13.0	11.0	+3.0-8.0	6.0-13.0	4.0-6.0	0.0-4.0
VP-18	10/23/2012	11.0	3.0	5.0	6.0-11.0	9.0	+3.0-6.0	5.0-11.0	3.0-5.0	0.0-3.0
VP-19	10/23/2012	11.0	3.0	5.0	6.0-11.0	9.0	+3.0-6.0	5.0-11.0	3.0-5.0	0.0-3.0
VP-20	10/23/2012	8.5	3.0	3.5	5.0-8.5	8.0	+3.0-5.0	4.0-8.5	2.0-4.0	0.0-2.0
VP-21	10/23/2012	9.0	3.0	4.0	5.0-9.0	8.0	+3.0-5.0	4.0-9.0	2.0-4.0	0.0-2.0
VP-22	10/29/2012	18.0	3.0	5.0	10.0-15.0	13.0	+3.0-10.0	9.0-15.0	7.0-9.0	0.0-7.0
VP-23	10/29/2012	18.0	3.0	5.0	10.0-15.0	13.0	+3.0-10.0	9.0-15.0	7.0-9.0	0.0-7.0

Notes:
Vapor probes VP-13, VP-14, VP-16, VP-20, and VP-21 were installed with shorter screens than were proposed (5 feet) to accommodate a shallow water table.
All Landfill Gas Probes were installed with PVC material, nominal 1-inch diameter screens and casings.
Ft-BTOC = feet below top of casing
Ft-ags = feet above ground surface.
Ft-bgs = feet below ground surface.
NA = Not Applicable.
See **Figures 1, 2 & 3** for landfill gas probe locations.

Table 3
Summary of Landfill Gas Sample Results
Flemington Landfill
Wilmington, New Hanover County, North Carolina
ID No. NCD980503056
Task Order No. 3056DP-6

Air Sampling Device			Ion Science Tiger (PID)	LANDTEC GEM 2000 Plus (Landfill gas Meter)						
Contaminant of Concern			VOC (ppm-v)	Methane %	Methane (LEL) %	Carbon Dioxide (ppm-v)	Oxygen %	Hydrogen Sulfide (ppm-v)	*Hydrogen Sulfide (µg/m^3)	Barometric Pressure (in-Hg)
Sample ID	Reading Date	Time								
VP-1	10/31/2012	0902	0.2	**53.7**	>>>	38.0	0.0	**20**	30,000	29.68
VP-2	10/31/2012	1300	0.2	**55.9**	>>>	40.7	0.1	**6**	9,000	29.70
VP-3	10/31/2012	1053	0.6	2.6	52	20.7	0.1	0	0	29.71
VP-4	10/31/2012	1102	0.0	3.2	64	20.0	0.0	0	0	29.70
VP-5	10/31/2012	1308	0.4	**44.3**	>>>	31.2	0.2	**20**	30,000	29.70
VP-6	10/31/2012	1253	0.2	**63.1**	>>>	36.8	0.0	**28**	42,000	29.70
VP-7	10/31/2012	1245	0.0	**29.8**	>>>	22.8	0.1	**1**	1,500	29.71
VP-8	10/31/2012	1115	0.0	**45.6**	>>>	15.0	2.1	**1**	1,500	29.71
VP-9	10/31/2012	1110	0.6	**34.7**	>>>	32.6	0.0	0	0	29.70
VP-10	10/31/2012	1032	2.4	0.0	1	2.3	18.0	0	0	29.70
VP-11	10/31/2012	0931	0.9	**37.9**	>>>	31.5	2.0	**6**	9,000	29.68
VP-12	10/31/2012	1025	0.1	**27.6**	>>>	28.0	0.1	**2**	3,000	29.71
VP-13	10/31/2012	0959	0.8	0.0	0	0.6	21.0	0	0	29.70
VP-14	10/31/2012	0952	0.9	0.1	1	5.1	17.2	0	0	29.70
VP-15	10/31/2012	0935	0.0	**17.3**	>>>	23.7	3.9	**1**	1,500	29.68
VP-16	10/31/2012	0945	0.1	0.5	10	19.6	1.0	0	0	29.68
VP-17	10/31/2012	0925	0.6	2.2	42	7.9	13.5	0	0	29.68
VP-18	10/31/2012	0917	0.9	0.2	2	11.5	11.0	0	0	29.68
VP-19	10/31/2012	0857	0.0	0.2	3	0.8	20.6	0	0	29.68
VP-20	10/31/2012	0852	0.2	0.0	0	5.5	15.7	0	0	29.68
VP-21	10/31/2012	0912	2.3	0.1	1	0.2	21.5	0	0	29.68
VP-22	10/31/2012	1045	0.8	0.0	0	9.7	12.8	0	0	29.70
VP-23	10/31/2012	1038	0.7	0.0	0	0.8	20.8	0	0	29.70
Background-1	10/31/2012	0830	0.0	0.0	0	0.0	21.5	0	0	29.67
		1320	0.0	0.0	0	0.0	20.7	0	0	29.68
Background-2	10/31/2012	1005	0.0	0.0	0	0.0	21.5	0	0	29.72
		1330	0.0	0.0	0	0.0	20.6	0	0	29.69
Background-3	10/31/2012	0950	0.0	0.0	0	0.0	20.9	0	0	29.68
		1340	0.0	0.0	0	0.0	20.7	0	0	29.68
Background-4	10/31/2012	0849	0.0	0.0	0	0.0	21.5	0	0	29.68
		1350	0.0	0.0	0	0.0	20.7	0	0	29.68
Duplicate-1 (VP-6)	10/31/2012	1415	0.8	**64.1**	>>>	35.2	0.0	**4**	6,000	29.68

Notes:
LEL = Lower Explosive Limit.
ppm-v = Parts per million - volume.
in-Hg = Inches of Mercury.
µg/m3 = micrograms per cubic meter.
VOCs (ppm) = Volatile Organic Compounds (parts per million)
>>> = Greater than the linear upper limit of the instrument which is 100% of the LEL for Methane (5%)
Bolded cells indicate methane concentration exceeding the lower explosive limit (5% Methane) or
hydrogen sulfide concentration exceeding the IHSB Vapor Intrusion Screening Levels - Acceptable Soil-Gas Concentration.(1,460 µg/m3).
See **Figures 1, 2 & 3** for sample locations, with sample results indicated on **Figure 3**.
NM = Not Measured
* = Converted meter readings from ppm-v to µg/m3 for comparison to IHSB Residential Vapor Intrusion Screening Levels - Acceptable Soil-Gas Concentration.

Table 4
Sediment Sampling Results (including TICs)
Flemington Landfill
Wilmington, New Hanover County, North Carolina
ID No. NCD980503056
Task Order No. 3056DP-6

Method	Sample ID		SED-1		SED-2		SED-3		SED-4		SED-5	SED-6	SED-7	Duplicate (SED-7)	Equipment Blank 1 (µg/L)	Trip Blanks (µg/L)	Preliminary Residential Health-Based PSRG	Protection of Groundwater PSRG	NCAC 2L Standard (µg/L)
	Parameter	Date	3/14/12	10/26/12	3/14/12	10/26/12	3/14/12	10/26/12	3/14/12	10/26/12	10/26/12	10/26/12	10/26/12	10/26/12	10/26/12	10/26/12			
EPA 9056	Sulfate		ND	NA	37 J	NA	39 J	NA	ND	NA	ND	25 J	ND	ND	ND	NA	**NE**	**NE**	**250,000**
	Nitrate		ND	NA	ND	NA	ND	NA	ND	NA	ND	ND	ND	ND	ND	NA	**26,000**	**NE**	**10,000**
EPA 350.1	Ammonia		0.24 J	NA	0.6	NA	ND	NA	ND	NA	ND	1.3	ND	ND	ND	NA	**NE**	**NE**	**NE**
VOCs by EPA 8260B	Acetone		ND	NA	0.016 J	NA	0.046 J	NA	ND	NA	ND	ND	ND	ND	ND	ND	**12,000**	**24**	**6,000**
	2-butanone		ND	NA	ND	NA	0.011 J	NA	ND	NA	ND	ND	ND	ND	ND	ND	**5,600**	**16**	**4,000**
	Carbon Disulfide		ND	NA	ND	NA	0.0019 J	NA	ND	NA	ND	ND	ND	ND	ND	ND	**160**	**3.8**	**700**
	Toluene		ND	NA	ND	NA	ND	NA	ND	NA	ND	0.00096 J	ND	ND	ND	ND	**820**	**5.5**	**600**
	1,2,3-Trichlorobenzene		ND	NA	ND	NA	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	**9.8**	**NE**	**NE**
	1,2,4-Trichlorobenzene		ND	NA	ND	NA	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	**12**	**2.2**	**70**
	Trichloroethene		ND	NA	ND	NA	ND	NA	ND	NA	ND	ND	ND	ND	0.19 J	ND	**0.88**	**0.018**	**3**
VOCs TICs By Method 8260B	Carbon Dioxide		0.72 TBJN	NA	0.82 TBJN	NA	1.1 TBJN	NA	0.73 TBJN	NA	ND	ND	ND	ND	ND	ND	**NE**	**NE**	**NE**
	Unknown		0.014 TJ	NA	ND	NA	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	**NE**	**NE**	**NE**
	Unknown		0.012 TJ	NA	ND	NA	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	**NE**	**NE**	**NE**
	Disiloxane, hexamethyl-		0.0069 TJN	NA	ND	NA	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	**NE**	**NE**	**NE**
	Unknown		ND	NA	0.042 TJ	NA	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	**NE**	**NE**	**NE**
	Unknown		ND	NA	0.0058 TJ	NA	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	**NE**	**NE**	**NE**
	Unknown		ND	NA	ND	NA	0.0058 TJ	NA	ND	NA	ND	ND	ND	ND	ND	ND	**NE**	**NE**	**NE**
	Unknown		ND	NA	ND	NA	0.0075 TJ	NA	ND	NA	ND	ND	ND	ND	ND	ND	**NE**	**NE**	**NE**
	Unknown		ND	NA	ND	NA	ND	NA	0.0065 TJ	NA	ND	ND	ND	ND	ND	ND	**NE**	**NE**	**NE**
	Tetrahydrofuran		ND	NA	ND	NA	ND	NA	ND	NA	ND	0.0023 J	0.0021 J	0.0021J	ND	ND	**NE**	**NE**	**NE**
	1,3-Butadiene, 2-methyl-		ND	NA	ND	NA	ND	NA	ND	NA	ND	ND	0.0055 TJN	ND	ND	ND	**NE**	**NE**	**NE**
	Silanol, trimethyl-		ND	NA	ND	NA	ND	NA	ND	NA	ND	ND	ND	0.029 TJN	ND	ND	**NE**	**NE**	**NE**
SVOCs by EPA 8270D	No Detections		ND	NA	ND	NA	ND	NA	ND	NA	ND	ND	ND	ND	ND	NA	**-**	**-**	**-**
SVOCs TICs by EPA 8270D	2-Pentanone, 4-hydroxy-4-methyl-		2.3 TJN	NA	2.3 TJN	NA	2.5 TJN	NA	2.2 TJN	NA	ND	ND	ND	ND	ND	NA	**NE**	**NE**	**NE**
	(Carbethoxyethylidine)triphenylphosphora		0.62 TJN	NA	ND	NA	ND	NA	0.57 TJN	NA	ND	ND	ND	ND	ND	NA	**NE**	**NE**	**NE**
	Phosphine oxide, triphenyl-		ND	NA	0.61 TJN	NA	0.56 TJN	NA	ND	NA	ND	ND	ND	ND	ND	NA	**NE**	**NE**	**NE**
	1H-2-Benzopyran-1-one, 3,4-dihydro-4,8-d		ND	NA	ND	NA	0.78 TJN	NA	ND	NA	ND	ND	ND	ND	ND	NA	**NE**	**NE**	**NE**
	1,3-Bis(2-chloroethyl)urea		ND	NA	ND	NA	1.4 TJN	NA	ND	NA	ND	ND	ND	ND	ND	NA	**NE**	**NE**	**NE**
	s-Indacen-1(2H)-one, 3,5,6,7-tetrahydro-		ND	NA	ND	NA	2.3 TJN	NA	ND	NA	ND	ND	ND	ND	ND	NA	**NE**	**NE**	**NE**
	Unknown		ND	NA	ND	NA	1.0 TJ	NA	ND	NA	ND	ND	ND	ND	ND	NA	**NE**	**NE**	**NE**
	2-Norbornene		ND	NA	ND	NA	1.6 TJN	NA	ND	NA	ND	ND	ND	ND	ND	NA	**NE**	**NE**	**NE**
	Ethyl Chloride		ND	NA	ND	NA	0.66 TJN	NA	ND	NA	ND	ND	ND	ND	ND	NA	**NE**	**NE**	**NE**
	Sulfur, mol. (S8)		ND	NA	ND	NA	1.6 TJN	NA	ND	NA	ND	0.25 TJN	ND	ND	ND	NA	**NE**	**NE**	**NE**
	Oleic Acid		ND	NA	ND	NA	0.56 TJN	NA	ND	NA	ND	ND	ND	0.57 TJN	ND	NA	**NE**	**NE**	**NE**
	Dodecane		ND	NA	ND	NA	ND	NA	0.42 TJN	NA	ND	ND	ND	ND	ND	NA	**NE**	**NE**	**NE**
	Benzene, 1-methyl-2-(1-methylethyl)-		ND	NA	ND	NA	ND	NA	ND	NA	0.67 TJN	ND	ND	ND	ND	NA	**NE**	**NE**	**NE**
	Hexadecanoic acid		ND	NA	ND	NA	ND	NA	ND	NA	ND	0.20 TJN	ND	ND	ND	NA	**NE**	**NE**	**NE**
	Cyclotetrasiloxane, octamethyl-		ND	NA	ND	NA	ND	NA	ND	NA	ND	ND	ND	ND	6.0 TJN	NA	**NE**	**NE**	**NE**
Metals by EPA 6020	Antimony		0.035 J	NA	0.025 J	NA	0.026 J	NA	0.075 J	NA	ND	ND	ND	ND	ND	NA	**6.2**	**0.9**	**NE**
	Arsenic		**0.60**	NA	0.34	NA	**0.70**	NA	**0.74**	NA	**0.47 B**	**0.60 B**	**0.44 B**	**0.61 B**	0.50 J	NA	**0.39**	**5.8**	**10**
	Beryllium		0.015 J	NA	0.049 J	NA	0.011 J	NA	0.013 J	NA	ND	ND	ND	ND	ND	NA	**32**	**63**	**NE**
	Chromium		2.1 B	NA	3.9 B	NA	2.1 B	NA	2.1 B	NA	1.7	1.1	1.2	1.6	ND	NA	**24,000**	**360,000**	**10**
	Copper		0.64	NA	1.0	NA	0.51	NA	1.1	NA	0.7	0.32 J	ND	ND	ND	NA	**620**	**700**	**1,000**
	Iron		**690 B**	NA	**1,400 B**	NA	**1,500 B**	NA	**2,100 B**	NA	**950**	**580**	**270**	**310**	ND	NA	**11,000**	**150**	**300**
	Lead		1.3 B	NA	1.8 B	NA	0.67 B	NA	1.28 B	NA	1.1	1.1	1.2	1.8	ND	NA	**400**	**270**	**15**
	Manganese		2.8 B	NA	5.4 B	NA	2.3 B	NA	2.9 B	NA	2.7	5.1	5.5	7.0	ND	NA	**360**	**65**	**50**
	Nickel		0.66 B	NA	0.75 B	NA	0.67 B	NA	0.64 B	NA	1.4	0.53 J	0.50 J	0.50 J	ND	NA	**300**	**130**	**100**
	Selenium		ND	NA	ND	NA	ND	NA	ND	NA	ND	ND	ND	ND	ND	NA	**78**	**2.1**	**20**
	Thallium		0.017 J	ND	0.019 J	ND	**0.20 J**	ND	0.0091 J	ND	ND	ND	ND	ND	ND	NA	**0.16**	**0.28**	**NE**
	Zinc		2.7	NA	4.1	NA	2.0	NA	3.5	NA	2.4	2.2 J	1.3 J	1.3 J	ND	NA	**4,600**	**1,200**	**1,000**

Notes:
Soil concentrations are reported in milligrams per kilogram (mg/kg), unless otherwise noted.
Quality control samples are reported in micrograms per liter (µg/L).
Analytes that are not shown for the method were not detected.
NA: Not analyzed.
NE: Regulatory standard not established for contaminant
NR: Analysis not requested by the laboratory.
B: Compound was detected in the method blank and in the record sample.
ND: Not detected.
PSRG 1 - Preliminary Residential Soil Remediation Goal, Health Based, August 2011.
PSRG 2 - Preliminary Soil remediation Goals, Protection of Groundwater, August 2011.
2L Standard: North Carolina Groundwater Quality Standards: 15A NCAC 2L.0202 (effective January 2010).
Concentrations exceeding a IHSB PSRG goals are shown in **BOLD** fields.
See **Figures 1 & 2** for sample locations, with sample results indicated on **Figure 2**.

TIC Notes:
TICs: Tentatively Identified Compounds
A: Laboratory Qualifier. The tentatively identified compound is a suspected aldol-condensation product.
B: Laboratory Qualifier. Indicates that the compound was found in the blank sample.
J: Laboratory Qualifier. Indicates an Estimated Value for TICs
N: Laboratory Qualifier. Presumptive evidence of material.
T: Laboratory Qualifier. Result is a tentatively identified compound (TIC) and an estimated value.
J: Laboratory Qualifier. Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Only those compounds with a quality factor above 85% are reported.

Table 5
Temporary Monitor Well Construction Details and Groundwater Elevations
Flemington Landfill
Wilmington, New Hanover County, North Carolina
ID No. NCD980503056
Task Order No. 3056DP-6

Well ID	Date Installed	Total Well Depth from Top of Casing (Ft)	PVC Casing Stick-Up Length (Ft-ags)	Screen Length (Ft)	Screen Interval (Ft-bgs)	PVC Casing Length (Ft)	PVC Casing Interval (Ft)	Sand (#2 Filter Sand) (Ft-bgs)	Bentonite (Ft-bgs)	Top of Casing Elevation (Ft.)	Date Groundwater Level Measured	Depth to Groundwater (Ft.-BTOC)	Groundwater Elevation (Ft.)
TMW-1	10/23/2012	51.00	1.00	20.00	30.00-50.00	31.00	+1.00-30.00	30.00-50.00	27.50-30.00	16.45	10/30/2012	10.07	6.38
TMW-2	10/22/2012	58.04	3.04	20.00	35.00-55.00	38.04	+3.04-35.00	35.00-55.00	32.50-35.00	17.02	10/30/2012	10.40	6.62
TMW-3	10/29/2012	51.14	2.14	20.00	29.00-49.00	31.14	+2.14-29.00	29.00-49.00	26.50-29.00	30.61	10/30/2012	23.60	7.01
TMW-4	10/25/2012	37.01	2.01	15.00	20.00-35.00	22.01	+2.01-20.00	20.00-35.00	17.50-20.00	27.79	10/30/2012	21.13	6.66
TMW-5	10/25/2012	44.35	2.35	20.00	22.00-42.00	24.35	+2.35-22.00	22.00-42.00	19.50-22.50	14.76	10/30/2012	8.55	6.21
TMW-6	10/25/2012	31.61	1.61	15.00	15.00-30.00	16.61	+1.61-15.00	15.00-30.00	12.50-15.00	10.81	10/30/2012	4.61	6.20
TMW-7	10/24/2012	25.56	2.56	15.00	8.00-23.00	10.56	+2.56-8.00	8.00-23.00	5.50-8.00	14.77	10/30/2012	8.15	6.62
TMW-8	10/24/2012	40.29	1.29	20.00	19.00-39.00	20.29	+1.29-19.00	19.00-39.00	16.50-19.00	9.17	10/30/2012	3.01	6.16

Notes:
All Temporary Monitor Wells were installed with PVC material, nominal 1-inch diameter screens and casings.
Ft-BTOC = feet below top of casing
Ft-ags = feet above ground surface.
Ft-bgs = feet below ground surface.
NA = Not Applicable.
See **Figures 1, 2, 3 & 4** for temporary monitor well locations, with sample locations indicated on **Figure 4**.

Table 6
Temporary Monitor Wells Field Parameters
Flemington Landfill
Wilmington, New Hanover County, North Carolina
ID No. NCD980503056
Task Order No. 3056DP-6

Well ID	Sample Date	Temp. (^oF)	Spec. Cond. (µS/cm)	pH	Turbidity (NTU)
TMW-1	10/30/12	20.3	0.494	6.26	3.1
TMW-2	10/30/12	19.1	0.314	6.80	4.2
TMW-3	10/30/12	16.0	0.194	7.17	6.4
TMW-4	10/30/12	21.1	0.269	7.17	8.4
TMW-5	10/30/12	19.4	0.503	6.33	6.6
TMW-6	10/30/12	18.5	0.358	6.74	4.0
TMW-7	10/30/12	19.8	0.107	5.99	7.3
TMW-8	10/30/12	20.9	0.509	6.16	4.7

Notes:
Temp. (^oF): Temperature in degrees Fahrenheit.
Spec. Cond. (µS/cm): Specific Conductivity in microSiemens per centimeter.
pH: no units for pH.
Turbidity (NTU): Turbidity in Nephelometric Turbidity Units.

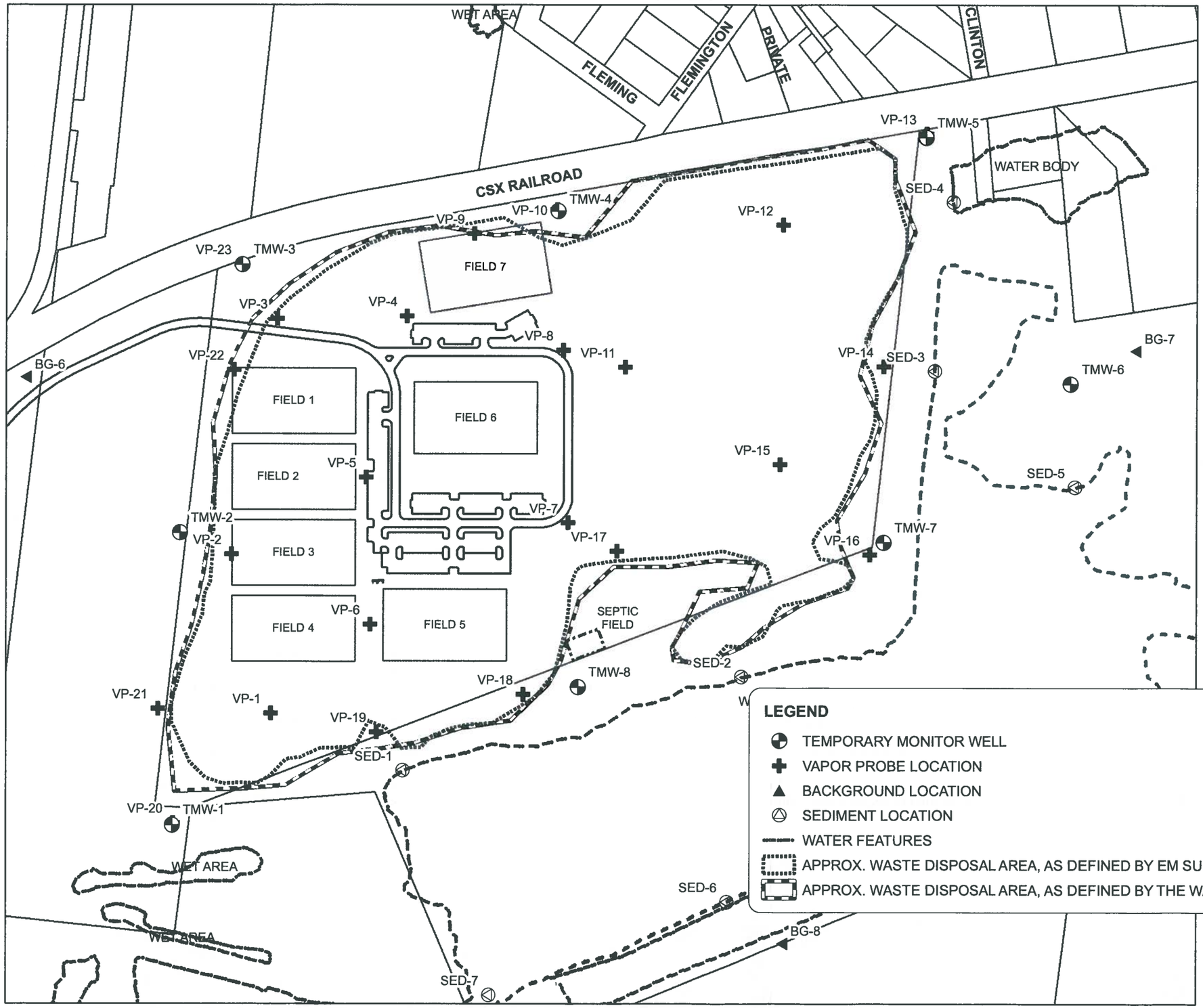
TABLE 7
Temporary Monitor Well Samples Analytical Results (including TICs)
Flemington Landfill
Wilmington, New Hanover County, North Carolina
ID No. NCD980503056
Task Order No. 3056DP-6

Method	Sample ID		TMW-1	TMW-2	TMW-3	TMW-4	TMW-5	TMW-6	TMW-7	TMW-8	Duplicate (TMW-8)	Equipment Blank	Trip Blank	2L Standards
	Parameter	Date	10/30/12	10/30/12	10/30/12	10/30/12	10/30/12	10/30/12	10/30/12	10/30/12	10/30/12	10/30/12	10/30/12	
EPA 9056/300.0	Nitrate		ND	ND	130 JH	3,000	ND	ND	3,400	ND	ND	ND	NA	**10,000**
	Sulfate		31,000	17,000	12,000	14,000	5,500	5,600	7,300	14,000	15,000	5,100	NA	**250,000**
EPA 4500B	Ammonia Nitrogen		1,700	59	1,400	830	15,000	8,500	560	13,000	13,000	130	NA	**NE**
VOCs by EPA 8260B	Acetone		ND	ND	ND	5.0 J	ND	ND	ND	ND	ND	ND	ND	**6,000**
	Benzene		ND	ND	ND	ND	0.46 J	**1.8**	ND	**5.7**	**6.0**	ND	ND	**1**
	Chlorobenzene		ND	ND	0.26 J	ND	9.7	5.4	0.64 J	15	15	ND	ND	**50**
	Chloroform		ND	ND	1.7	ND	ND	ND	ND	ND	ND	ND	ND	**70**
	1,2-Dichlorobenzene		ND	ND	ND	ND	0.59 J	0.41 J	ND	0.58 J	0.61 J	ND	ND	**20**
	1,4-Dichlorobenzene		ND	ND	ND	ND	4.5	1.7	ND	4.4	4.5	ND	ND	**6**
	Isopropylbenzene		ND	ND	ND	ND	0.63 J	0.23 J	ND	1.2	1.2	ND	ND	**70**
	Total Xylenes		ND	ND	ND	ND	ND	ND	ND	0.37 J	0.37 J	ND	ND	**500**
VOCs TICs by EPA 8260B	Tetrahydrofuran		1.9 JN	2.5 JN	2.1 JN	2.9 JN	1.4 JN	ND	ND	1.5 J	1.3 JN	ND	ND	**NE**
	Diphenyl ether		ND	5.2 TJN	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NE**
	Naphthalene		ND	1.6 JN	ND	ND	ND	ND	ND	2.5 J	2.5 JN	ND	ND	**6**
	Propene		7.7 TJN	ND	7.8 TJN	9.8 TJN	ND	ND	ND	ND	ND	ND	ND	**NE**
	sec-Butylbenzene		ND	ND	ND	ND	0.17 JN	ND	ND	0.18 J	0.26 JN	ND	ND	**70**
	2-Chlorotoluene		ND	ND	ND	ND	ND	ND	ND	0.70 J	0.69 JN	ND	ND	**100**
	n-Butylbenzene		ND	ND	ND	ND	ND	ND	ND	0.18 J	0.21 JN	ND	ND	**70**
SVOCs by EPA 8270C	Acenaphthene		ND	ND	ND	ND	0.75 J	0.77 J	ND	0.90 J	1.2 J	ND	NA	**80**
	Diethyl phthalate		ND	1.5 J	1.4 J	1.1 J	2.5 J	ND	ND	0.98 J	1.1 J	ND	NA	**6,000**
	Naphthalene		ND	ND	ND	ND	ND	ND	ND	1.7 J	2.1 J	ND	NA	**6**
SVOC TICs by EPA 8270C	Phenol, 4,4'-(1-methylethylidene)bis-		ND	ND	ND	ND	4.4 TJN	ND	ND	6.2 TJN	6.4 TJN	ND	NA	**NE**
	1,4-Dichlorobenzene		ND	ND	ND	ND	ND	1.4 J	ND	ND	ND	ND	NA	**6**
	2(3H)-Benzothiazolone		ND	ND	ND	ND	ND	4.2 TJN	ND	ND	ND	ND	NA	**NE**
	Oleic Acid		ND	ND	ND	ND	ND	4.0 TJN	ND	6.4 TJN	ND	ND	NA	**NE**
	1-Methylnaphthalene		ND	ND	ND	ND	ND	ND	ND	0.87 J	0.96 J	ND	NA	**NE**
	Octadecanoic acid, butyl ester		ND	ND	ND	ND	ND	ND	ND	4.7 TJN	ND	ND	NA	**NE**
	Diethyltoluamide		ND	ND	ND	ND	ND	ND	ND	ND	4.0 TJN	ND	NA	
	Benzenesulfonamide, N-ethyl-4-methyl-		ND	ND	ND	ND	ND	ND	ND	ND	7.0 TJN	ND	NA	
Metals by EPA 6010C or 6020A	Antimony		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	**NE**
	Arsenic		2.0	ND	0.59 J	ND	1.4	**12**	0.42 J	1.2	1.2	ND	NA	**10**
	Beryllium		ND	ND	ND	ND	ND	0.11 J	ND	ND	ND	ND	NA	**NE**
	Cadmium		ND	ND	ND	ND	ND	ND	0.23 J	ND	ND	ND	NA	**2**
	Chromium		5.9	3.6	0.80 J	2.4	5.3	5.6	1.9	5.5	5.6	ND	NA	**10**
	Copper		0.40 J	2.8	ND	0.92 J	0.37 J	0.62 J	0.81 J	ND	ND	1.0	NA	**1,000**
	Iron		**47,000**	**28,000**	**6,500**	**6,500**	**42,000**	**43,000**	**4,500**	**46,000**	**46,000**	ND	NA	**300**
	Lead		ND	ND	0.16 J	0.16 J	ND	0.15 J	0.13 J	ND	ND	ND	NA	**15**
	Manganese		**590**	**180**	**180**	**270**	**620**	**310**	**86**	**410**	**410**	ND	NA	**50**
	Mercury		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	**1**
	Nickel		20	17	3.6	3.9	1.0	3.5	9.8	1.9	1.8	ND	NA	**100**
	Selenium		0.42 J	ND	ND	ND	0.37 J	0.69	ND	0.68	0.47 J	ND	NA	**20**
	Silver		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	**20**
	Thallium		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	**NE**
	Zinc		12	7.0 J	ND	ND	ND	3.7 J	4.6 J	ND	ND	6.7 J	NA	**1,000**

Notes:
Concentrations are reported in micrograms per liter (µg/L).
NA: Not analyzed
ND: Not detected
VOCs: Volatile Organic Compounds
SVOCs: Semi-Volatile Organic Compounds
J: Laboratory Qualifier. Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
H: Sample was prepped or analyzed beyond the specified holding time
Analytes that are not shown for the method were not detected.
NE: Regulatory standard not established for contaminant
All detections that exceed the 2L Standards are shown in BOLD.
See **Figures 1, 2 ,4 & 5** for sample locations, with sample results indicated on **Figure 5**.
2L Standard: North Carolina Groundwater Quality Standards: 15A NCAC 2L.0202 (effective January 2010).

TIC Notes:
TICs: Tentatively Identified Compounds
J: Laboratory Qualifier. Indicates an Estimated Value for TICs
N: Laboratory Qualifier. Presumptive evidence of material.
T: Laboratory Qualifier. Result is a tentatively identified compound (TIC) and an estimated value.
J: Laboratory Qualifier. Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Only those compounds with a quality factor above 85% are reported.

Figures



ROAD NAMES:
NEW HANOVER CO. GIS, DATED AUG. 2011

IMAGE SOURCE:
NC ONEMAPS, DATED 2010

UTILITIES DATA:
COASTAL LAND DESIGN, PLLC

NOTE: EACH SOCCER FIELD HAS IRRIGATION PLUMMING

LEGEND

- TEMPORARY MONITOR WELL
- VAPOR PROBE LOCATION
- BACKGROUND LOCATION
- SEDIMENT LOCATION
- WATER FEATURES
- APPROX. WASTE DISPOSAL AREA, AS DEFINED BY EM SURVEY
- APPROX. WASTE DISPOSAL AREA, AS DEFINED BY THE WASTE DELINEATION BORINGS (JUNE 2012)

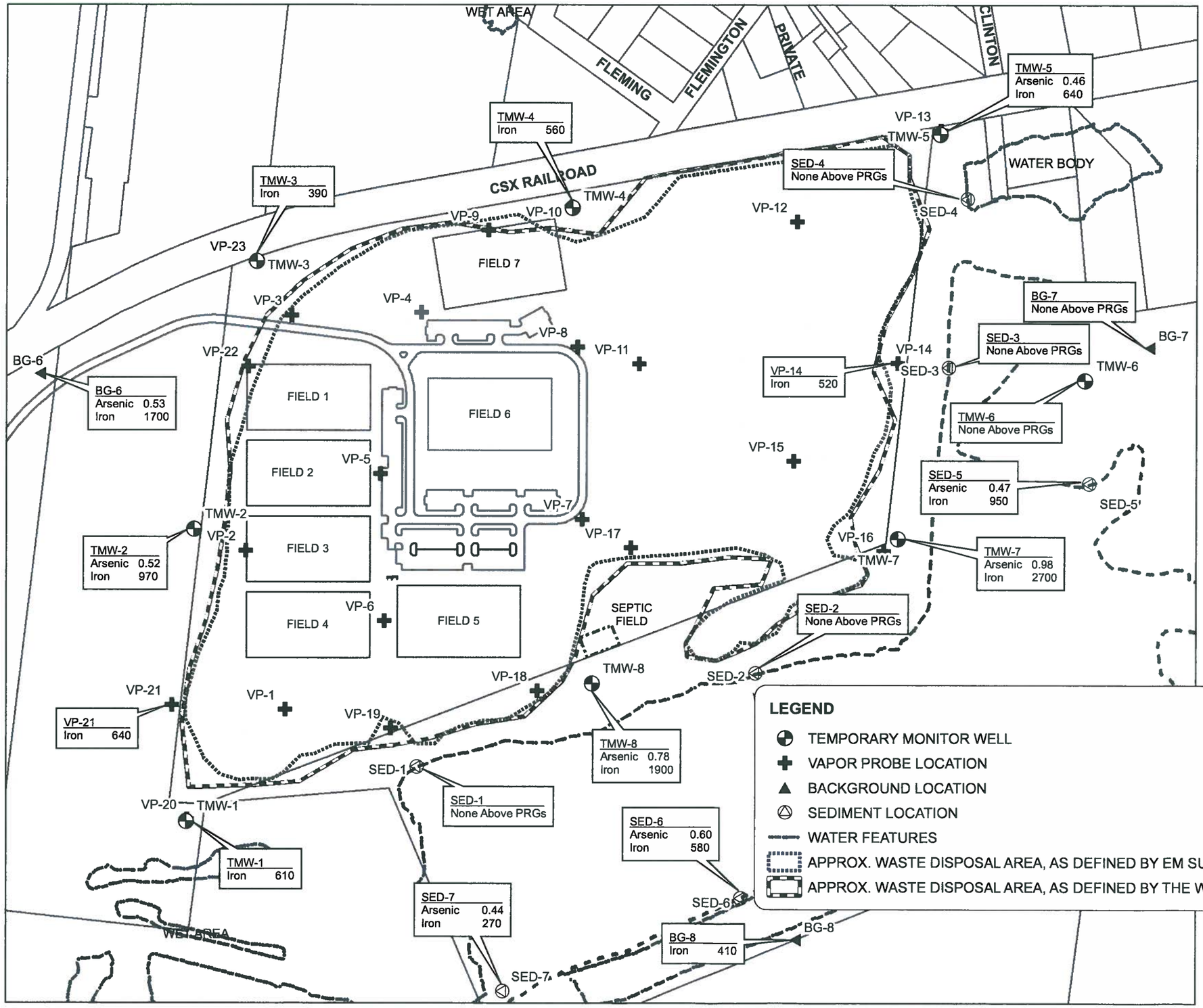
DATE: DEC. 2012	DRAWN BY: BTR	CHECKED BY:
SCALE: 1" = 300'	PROJECT NO: 1054-11-1007	DRAWING NUMBER:

S&ME
WWW.SMEINC.COM
NC ENG. LICENSE #F-0176
3201 SPRING FOREST RD, RALEIGH, NC 27616

SITE MAP

FLEMINGTON LANDFILL - TASK ORDER 3056DP-6
WILMINGTON, NORTH CAROLINA

FIGURE NO.
1



ROAD NAMES:
NEW HANOVER CO. GIS, DATED AUG. 2011

IMAGE SOURCE:
NC ONEMAPS, DATED 2010

UTILITIES DATA:
COASTAL LAND DESIGN, PLLC

NOTE: EACH SOCCER FIELD HAS IRRIGATION PLUMMING

ONLY DETECTIONS EXCEEDING PRELIMINARY REMEDIATION GOALS (PRGs) ARE SHOWN

RESULTS PRESENTED IN MILLIGRAMS PER KILOGRAM (mg/Kg)

SAMPLES COLLECTED OCTOBER 26 & 29, 2012

LEGEND

- TEMPORARY MONITOR WELL
- VAPOR PROBE LOCATION
- BACKGROUND LOCATION
- SEDIMENT LOCATION
- WATER FEATURES
- APPROX. WASTE DISPOSAL AREA, AS DEFINED BY EM SURVEY
- APPROX. WASTE DISPOSAL AREA, AS DEFINED BY THE WASTE DELINEATION BORINGS (JUNE 2012)

DATE: DEC. 2012
DRAWN BY: BTR
CHECKED BY:
SCALE: 1" = 300'
PROJECT NO: 1054-11-1007
DRAWING NUMBER:

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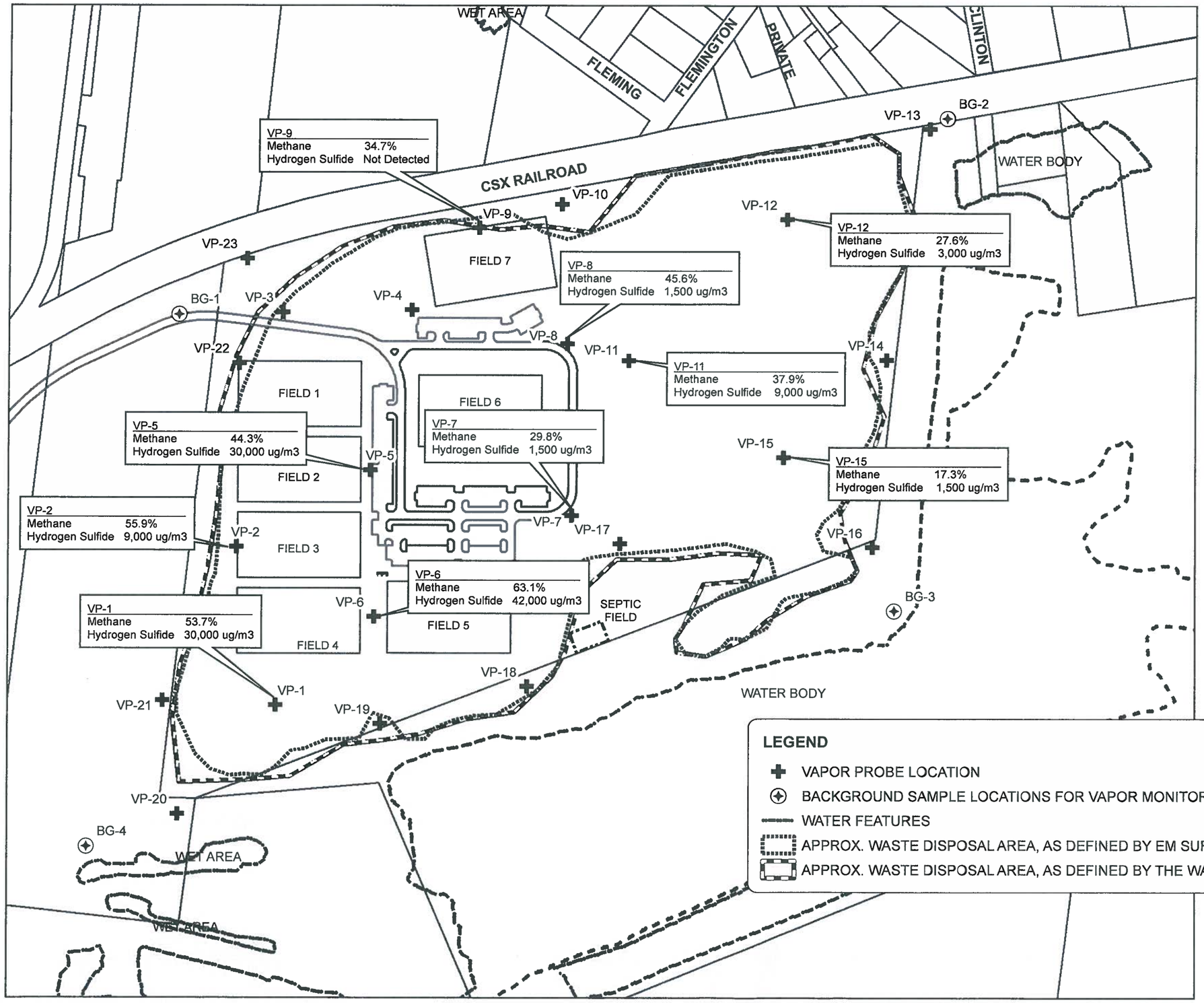
SOIL AND SEDIMENT SAMPLE RESULTS MAP

FLEMINGTON LANDFILL - TASK ORDER 3056DP-6
WILMINGTON, NORTH CAROLINA

FIGURE NO.
2



N

ROAD NAMES:
NEW HANOVER CO. GIS, DATED AUG. 2011

IMAGE SOURCE:
NC ONEMAPS, DATED 2010

UTILITIES DATA:
COASTAL LAND DESIGN, PLLC

NOTE: EACH SOCCER FIELD HAS IRRIGATION PLUMMING

VP-3, VP-4, VP-10, VP-13, VP-14, VP-16 THROUGH VP-23 CONCENTRATIONS NOT ABOVE ACTION LEVELS

ONLY DETECTIONS ABOVE ACTION LEVELS SHOWN

ug/m3 - MICROGRAMS PER CUBIC METER

SAMPLES COLLECTED OCTOBER 31, 2012

DATE: DEC. 2012	
DRAWN BY: BTR	
CHECKED BY:	
SCALE: 1" = 300'	
PROJECT NO: 1054-11-1007	
DRAWING NUMBER:	

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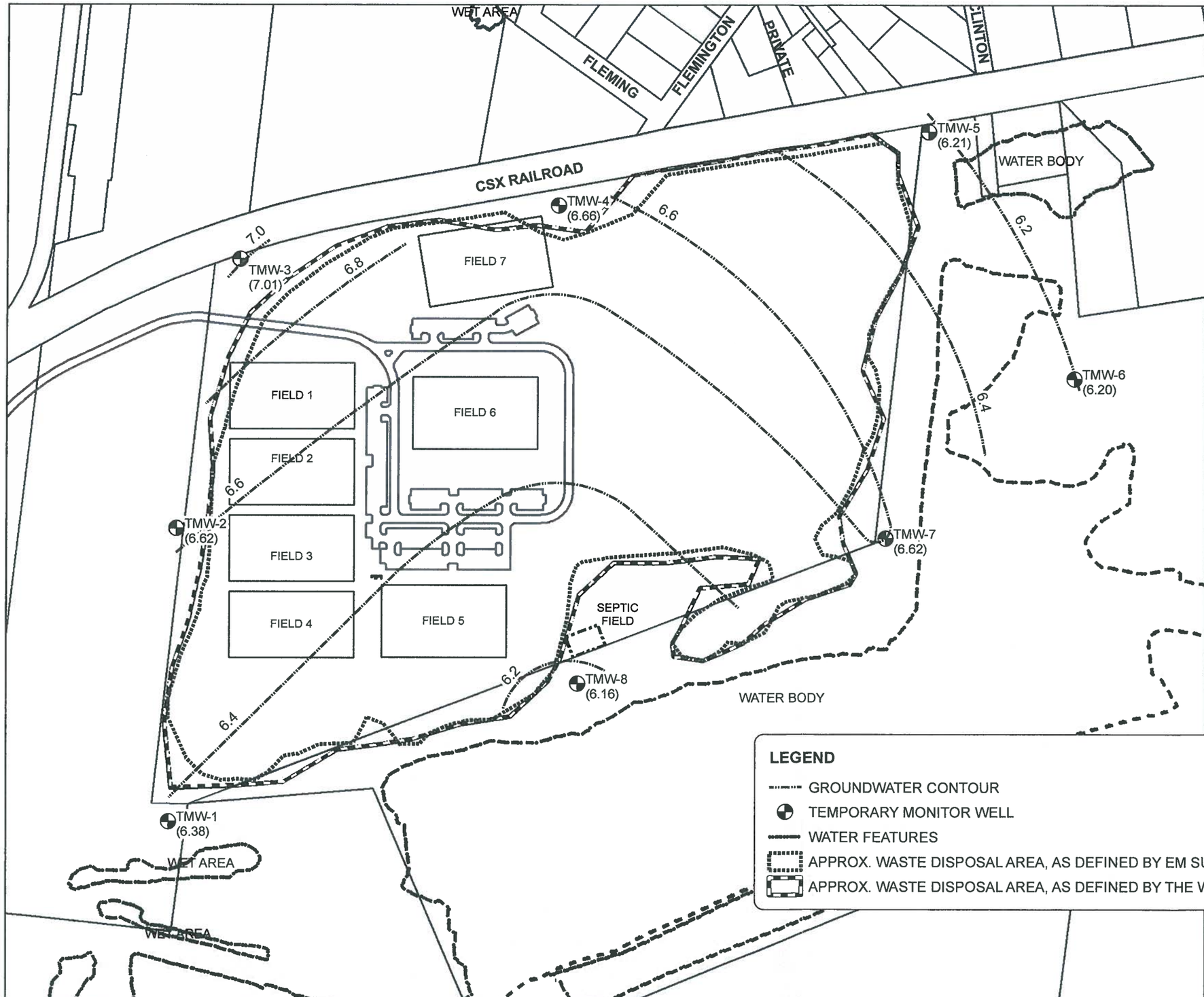
LANDFILL SOIL GAS RESULTS MAP

FLEMINGTON LANDFILL - TASK ORDER 3056DP-6
WILMINGTON, NORTH CAROLINA

FIGURE NO.
3



ROAD NAMES:
NEW HANOVER CO. GIS, DATED AUG. 2011

IMAGE SOURCE:
NC ONEMAPS, DATED 2010

UTILITIES DATA:
COASTAL LAND DESIGN, PLLC

NOTE: EACH SOCCER FIELD HAS IRRIGATION PLUMMING

LEGEND

- GROUNDWATER CONTOUR
- TEMPORARY MONITOR WELL
- WATER FEATURES
- APPROX. WASTE DISPOSAL AREA, AS DEFINED BY EM SURVEY
- APPROX. WASTE DISPOSAL AREA, AS DEFINED BY THE WASTE DELINEATION BORINGS (JUNE 2012)

DATE:	DEC. 2012
DRAWN BY:	BTR
CHECKED BY:	
SCALE:	1" = 300'
PROJECT NO:	1054-11-1007
DRAWING NUMBER:	

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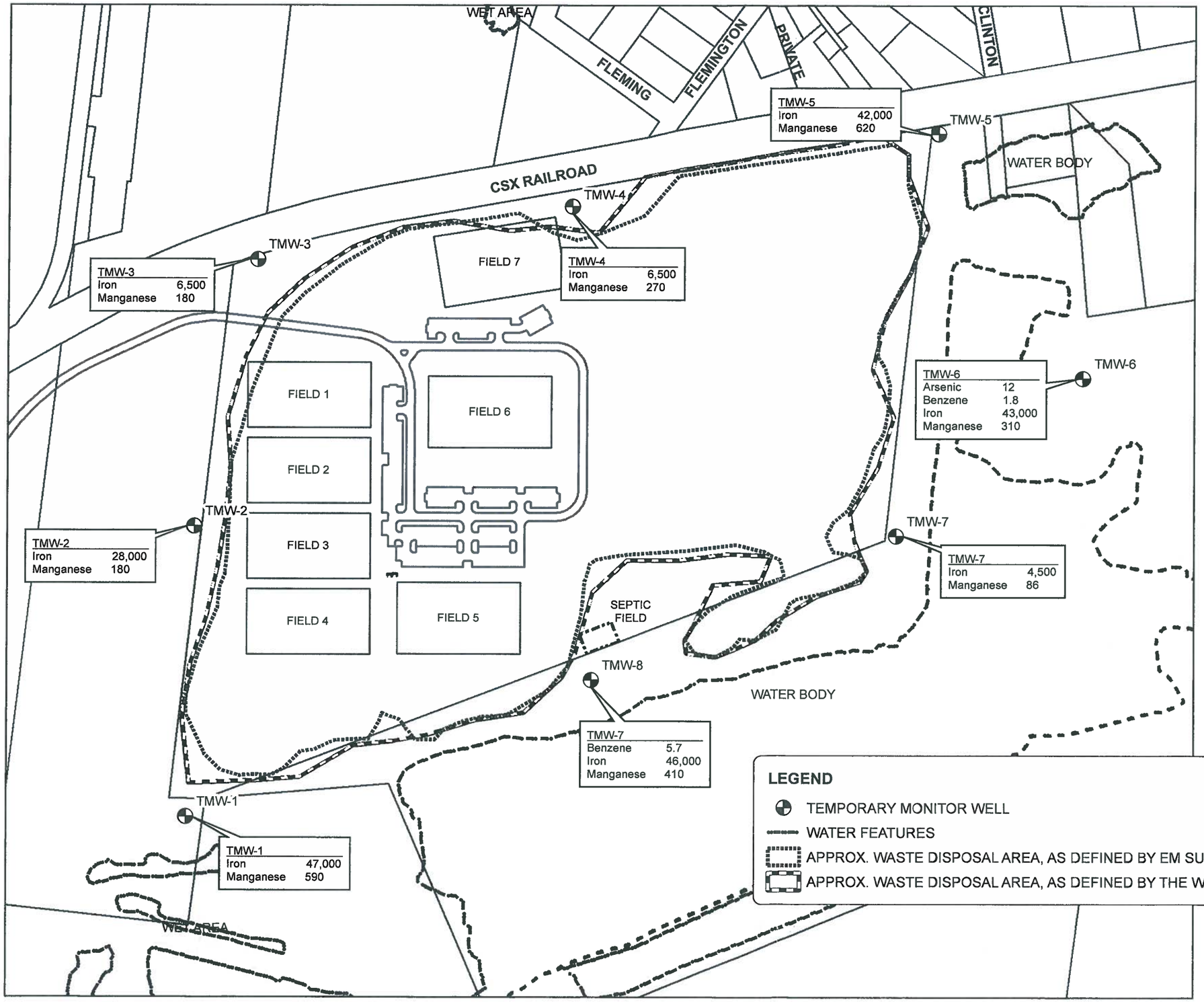
GROUNDWATER CONTOUR MAP

FLEMINGTON LANDFILL - TASK ORDER 3056DP-6
WILMINGTON, NORTH CAROLINA

FIGURE NO.
4



ROAD NAMES:
NEW HANOVER CO. GIS, DATED AUG. 2011

IMAGE SOURCE:
NC ONEMAPS, DATED 2010

UTILITIES DATA:
COASTAL LAND DESIGN, PLLC

NOTE: EACH SOCCER FIELD HAS IRRIGATION PLUMMING

ONLY DETECTIONS EXCEEDING 15A NCAC 2L GROUNDWATER STANDARDS ARE SHOWN

RESULTS PRESENTED IN MICROGRAMS PER LITER (ug/L)

SAMPLES COLLECTED OCTOBER 30, 2012

LEGEND

- TEMPORARY MONITOR WELL
- WATER FEATURES
- APPROX. WASTE DISPOSAL AREA, AS DEFINED BY EM SURVEY
- APPROX. WASTE DISPOSAL AREA, AS DEFINED BY THE WASTE DELINEATION BORINGS (JUNE 2012)

DATE:	DEC. 2012
DRAWN BY:	BTR
CHECKED BY:	
SCALE:	1" = 300'
PROJECT NO:	1054-11-1007
DRAWING NUMBER:	

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NC ENG. LICENSE #F-0176
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GROUNDWATER SAMPLE RESULTS MAP

FLEMINGTON LANDFILL - TASK ORDER 3056DP-6
WILMINGTON, NORTH CAROLINA

FIGURE NO.
5

Appendix I

Appendix I
GPS Coordinates of Selected Features
Flemington Landfill
Wilmington, New Hanover County, North Carolina
ID No. NCD980503056
Task Order No. 3056DP-6

Site Feature (Refer to Figures 2 and 3)	Location*	
	Northing	Easting
TMW-1	59275.006	704306.676
TMW-2	59268.434	704566.955
TMW-3	59213.380	704806.278
TMW-4	58932.974	704853.967
TMW-5	58606.580	704919.557
TMW-6	58477.314	704700.018
TMW-7	58643.372	704558.529
TMW-8	58914.907	704429.526
VP-10	58933.764	704855.160
VP-11	58873.459	704714.794
VP-12	58733.196	704841.778
VP-13	58606.280	704922.933
VP-14	58643.697	704715.598
VP-15	58735.778	704628.218
VP-16	58655.875	704547.696
VP-17	58881.209	704557.823
VP-18	58963.439	704423.024
VP-19	59094.387	704396.689
VP-20	59274.378	704308.486
VP-21	59288.553	704417.367
VP-22	59221.362	704719.564
VP-23	59214.422	704806.306
BG-6	59406.134	704712.712
BG-7	58420.843	704736.443
BG-8	58734.123	704208.785
SW-1/SED-1	59071.084	704362.930
SW-2/SED-2	58771.179	704450.731
SW-3/SED-3	58605.068	704718.900
SW-4/SED-4	58586.222	704869.167
SED-5	58473.903	704615.222
SED-6	58783.214	704245.944
SED-7	58994.329	704163.184

Notes:
* = All coordinates are presented in State Plane Coordinate System in meters using the North American Datum of 1983 (NAD83).
WD = Waste Delineation Boring
VP = Vapor Probe
BG = Background Soil Sample Location
SW = Surface Water Sample Location

Appendix II

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
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TestAmerica Job ID: 680-84192-1
Client Project/Site: Flemington Landfill OCT 2012
Revision: 1

For:
S&ME, Inc.
3201 Spring Forest Road
Raleigh, North Carolina 27616

Attn: Jerry Paul

Authorized for release by:
12/6/2012 3:00:52 PM

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

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

Job ID: 680-84192-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE

Client: S&ME, Inc.

Project: Flemington Landfill OCT 2012

Report Number: 680-84192-1 Revised

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

The sample report was revised on December 6, 2012 in order to provide greater narrative detail regarding the volatile soil analyses conducted outside of holding time.

RECEIPT

The samples were received on 10/27/2012; the samples arrived in good condition, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 4.2º C, 4.2º C, 4.3º C and 4.4º C.

VOLATILE ORGANIC COMPOUNDS

Samples VP-21 (680-84192-14), TMW-2 (680-84192-16), TMW-7 (680-84192-17), TMW-8 (680-84192-18) and DUP-3 (VP) (680-84192-21) were analyzed for Volatile Organic Compounds in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 11/10/2012 and 11/14/2012.

Samples SED-5 (680-84192-5), SED-6 (680-84192-6), SED-7 (680-84192-7), SED DUP-2 (680-84192-8), BG DUP-1 (680-84192-9), BG-6 (680-84192-10), BG-7 (680-84192-11), BG-8 (680-84192-12), VP-14 (680-84192-13) and TMW-1 (680-84192-15) were analyzed for Volatile Organic Compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 10/29/2012 and analyzed on 11/09/2012.

Samples Equip Blank-1 (680-84192-19), Equip Blank-2 (680-84192-20), Trip Blank-1 (680-84192-22), Trip Blank-2 (680-84192-23), Trip Blank-3 (680-84192-24) and Trip Blank-4 (680-84192-25) were analyzed for Volatile Organic Compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 11/05/2012 and 11/06/2012.

A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 4 analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 255270 had 1 analyte outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

The LCS associated with batch 255396 had 1 analyte outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

The LCS associated with batch 255969 had 1 analyte outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Job ID: 680-84192-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

The laboratory control sample (LCS) for batch 256457 exceeded control limits for the following analyte: 2-hexanone. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

The laboratory control sample duplicate (LCSD) for batch 256457 exceeded control limits for the following analytes: acetone and 2-butanone. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) for analytical batch 255271 exceeded control criteria for cyclohexanone. There is insufficient sample volume to reanalyze; the data have been qualified and reported.

The method blank for batch 255396 contained 1,2,3 and 1,2,4-trichlorobenzene above the method detection limit (MDL). This target analyte concentration was less than one-half the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

The equipment blank associated with the following samples contained a detection for trichloroethene above the method detection limit (MDL): Equip Blank-2 (680-84192-20).

The following samples were analyzed outside of analytical holding time due to either sample related and/or instrument malfunction during original analysis. VP-21 (680-84192-14), TMW-2 (680-84192-16), TMW-7 (680-84192-17), TMW-8 (680-84192-18) and DUP-3 (VP) (680-84192-21). All of the samples ran initially within holding time on 11/8/2012 or 11/9/2012.

Sample VP-21 (680-84192-14) initially ran on 11/8/2012, however, surrogates were not spike due to laboratory error. The sample was rerun on 11/9/12 within holding time, however, the sample matrix clogged the purging needle and did not purge. The sample was rerun on 11/14/2012 outside of holding time following preparation from bulk sample and this data was reported.

For samples TMW-2 (680-84192-16), TMW-7 (680-84192-17), TMW-8 (680-84192-18) and DUP-3 (VP) (680-84192-21), the matrix of these samples clogged the purging needle and did not purge. They were rerun within the holding time in the same analytical sequence on 11/9/2012, however, were outside of the 12-hour tune by 30 to 90 minutes and these runs were not reported. The samples were rerun on 11/10/2012 from bulk sample outside of holding time and this data was reported.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (SOLID)

Samples SED-5 (680-84192-5), SED-6 (680-84192-6), SED-7 (680-84192-7), SED DUP-2 (680-84192-8), BG DUP-1 (680-84192-9), BG-6 (680-84192-10), BG-7 (680-84192-11), BG-8 (680-84192-12), VP-14 (680-84192-13), VP-21 (680-84192-14), TMW-1 (680-84192-15), TMW-2 (680-84192-16), TMW-7 (680-84192-17), TMW-8 (680-84192-18) and DUP-3 (VP) (680-84192-21) were analyzed for Semivolatile Organic Compounds (Solid) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 10/30/2012 and analyzed on 11/08/2012, 11/09/2012, 11/10/2012 and 11/11/2012.

Samples Equip Blank-1 (680-84192-19) and Equip Blank-2 (680-84192-20) were analyzed for Semivolatile Organic Compounds (Aqueous) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 11/02/2012 and analyzed on 11/08/2012.

The initial calibration curve analyzed in batch 255634 and 255803 was outside method criteria for the following analytes: benzaldehyde and atrazine. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analytes is considered an estimated concentration.

The initial calibration verification (ICV) analyzed in batch 255803 was outside method criteria for the following analyte(s): Benzaldehyde, Atrazine, Pentachlorophenol and Benzidine. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The following analytes have been identified, in the reference method and/or via historical data, to be poor and/or erratic performers: Famphur, 1,4-Napthaquinone, Methane sulfonate, Benzaldehyde, 1-naphthylamine, 2-naphthylamine, p-Dimethylamino azobenzene, p-phenylenediamine, a,a-dimethylphenethylamine, Methapyriline, 2-picoline (2-methylpyridine), 3,3'-dimethylbenzidine,

Job ID: 680-84192-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

3,3'-dichlorobenzidine, Benzidine, Benzaldehyde, Benzoic acid, Dinoseb, Hexachlorophene, Hexachlorocyclopentadiene, o,o,o-triethylphosphoro-thioate. These analytes may have a %D>60% if the average %D of all the analytes in the initial calibration verification (ICV) is 30%.

The initial calibration verification (ICV) analyzed in batch 1N110812D was outside method criteria for the following analyte(s): N-nitrosodipenylamine,2,4 Dinitrophenol, Pentachlorophenol. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 1N111012D exceeded the method criteria for the following analyte(s): 4-Nitroaniline. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The following sample(s) contained one acid and/or one base surrogate outside acceptance limits: BG-6 (680-84192-10), TMW-7 (680-84192-17). The laboratory's SOP allows one acid surrogate and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

METALS (ICPMS)

Samples SED-1 (680-84192-1), SED-2 (680-84192-2), SED-3 (680-84192-3), SED-4 (680-84192-4), SED-5 (680-84192-5), SED-6 (680-84192-6), SED-7 (680-84192-7), SED DUP-2 (680-84192-8), BG DUP-1 (680-84192-9), BG-6 (680-84192-10), BG-7 (680-84192-11), BG-8 (680-84192-12), VP-14 (680-84192-13), VP-21 (680-84192-14), TMW-1 (680-84192-15), TMW-2 (680-84192-16), TMW-7 (680-84192-17), TMW-8 (680-84192-18) and DUP-3 (VP) (680-84192-21) were analyzed for metals (ICPMS) in accordance with EPA SW-846 Methods 6020A. The samples were prepared on 10/29/2012 and 10/31/2012 and analyzed on 11/01/2012 and 11/13/2012.

Samples Equip Blank-1 (680-84192-19) and Equip Blank-2 (680-84192-20) were analyzed for Metals (ICPMS) in accordance with EPA SW-846 Method 6020A. The samples were prepared on 10/28/2012 and analyzed on 10/29/2012.

Arsenic was detected in method blank MB 680-254536/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged.

Arsenic, Copper and Iron were detected in method blank MB 680-254815/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Refer to the QC report for details.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples SED-5 (680-84192-5), SED-6 (680-84192-6), SED-7 (680-84192-7), SED DUP-2 (680-84192-8), BG DUP-1 (680-84192-9), BG-6 (680-84192-10), BG-7 (680-84192-11), BG-8 (680-84192-12), VP-14 (680-84192-13), VP-21 (680-84192-14), TMW-1 (680-84192-15), TMW-2 (680-84192-16), TMW-7 (680-84192-17), TMW-8 (680-84192-18) and DUP-3 (VP) (680-84192-21) were analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared on 10/30/2012 and analyzed on 11/06/2012.

Samples Equip Blank-1 (680-84192-19) and Equip Blank-2 (680-84192-20) were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared on 10/29/2012 and analyzed on 10/31/2012.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

Job ID: 680-84192-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

AMMONIA

Samples SED-5 (680-84192-5), SED-6 (680-84192-6), SED-7 (680-84192-7), SED DUP-2 (680-84192-8), BG DUP-1 (680-84192-9), BG-6 (680-84192-10), BG-7 (680-84192-11), BG-8 (680-84192-12), VP-14 (680-84192-13), VP-21 (680-84192-14), TMW-1 (680-84192-15), TMW-2 (680-84192-16), TMW-7 (680-84192-17), TMW-8 (680-84192-18) and DUP-3 (VP) (680-84192-21) were analyzed for ammonia in accordance with EPA Method 350.1. The samples were prepared and analyzed on 10/31/2012.

Samples Equip Blank-1 (680-84192-19) and Equip Blank-2 (680-84192-20) were analyzed for ammonia in accordance with EPA Method 350.1. The samples were analyzed on 10/31/2012 and 11/27/12. Sample Equip Blank-1 (680-84192-19) was analyzed outside of holding time due to laboratory error.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 254904 were outside control limits. The matrix spike had a recovery of 82% and the matrix spike duplicate had a recovery of 81%. The acceptance range is 90-110%. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The matrix spike duplicate (MSD) recovery for batch 254906 were outside control limits. The matrix spike duplicate had a recovery of 72%. The acceptance range is 75-125%. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The sample duplicate precision for the following sample associated with batch 254906 was outside control limits: (680-84192-21 DU). The associated Laboratory Control Sample / Laboratory Control Sample Duplicate (LCS/LCSD) precision met acceptance criteria.

No other difficulties were encountered during the ammonia analyses.

All other quality control parameters were within the acceptance limits.

ANIONS BY IC

Samples SED-5 (680-84192-5), SED-6 (680-84192-6), SED-7 (680-84192-7), SED DUP-2 (680-84192-8), BG DUP-1 (680-84192-9), BG-6 (680-84192-10), BG-7 (680-84192-11), BG-8 (680-84192-12), VP-14 (680-84192-13), VP-21 (680-84192-14), TMW-1 (680-84192-15), TMW-2 (680-84192-16), TMW-7 (680-84192-17), TMW-8 (680-84192-18) and DUP-3 (VP) (680-84192-21) were analyzed for Anions by IC in accordance with EPA SW-846 Method 9056 (DI Leach). The samples were leached on 11/06/2012 and analyzed on 11/08/2012.

Samples Equip Blank-1 (680-84192-19) and Equip Blank-2 (680-84192-20) were analyzed for anions in accordance with EPA SW-846 Method 9056. The samples were analyzed on 11/08/2012.

Samples SED-5 (680-84192-5)[5X], SED-6 (680-84192-6)[5X], SED-7 (680-84192-7)[5X], SED DUP-2 (680-84192-8)[5X], BG DUP-1 (680-84192-9)[5X], BG-6 (680-84192-10)[5X], BG-7 (680-84192-11)[5X], BG-8 (680-84192-12)[5X], VP-14 (680-84192-13)[5X], VP-21 (680-84192-14)[5X], TMW-1 (680-84192-15)[5X], TMW-2 (680-84192-16)[5X], TMW-7 (680-84192-17)[5X], TMW-8 (680-84192-18)[5X] and DUP-3 (VP) (680-84192-21)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Samples Equip Blank-1 (680-84192-19)[5X] and Equip Blank-2 (680-84192-20)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the anions analyses.

All quality control parameters were within the acceptance limits.

ANIONS BY IC (NITRATE/NITRITE)

Samples SED-5 (680-84192-5), SED-6 (680-84192-6), SED-7 (680-84192-7), SED DUP-2 (680-84192-8), BG DUP-1 (680-84192-9), BG-6 (680-84192-10), BG-7 (680-84192-11), BG-8 (680-84192-12), VP-14 (680-84192-13), VP-21 (680-84192-14), TMW-1 (680-84192-15), TMW-2 (680-84192-16), TMW-7 (680-84192-17), TMW-8 (680-84192-18) and DUP-3 (VP) (680-84192-21) were analyzed for Anions by IC (Nitrate/Nitrite) in accordance with EPA SW846 Method 9056 (DI Leach). The samples were leached on 11/06/2012 and analyzed on 11/08/2012.

Samples Equip Blank-1 (680-84192-19) and Equip Blank-2 (680-84192-20) were analyzed for anions in accordance with EPA SW-846 Method 9056. The samples were analyzed on 10/27/2012.

Job ID: 680-84192-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

Samples SED-5 (680-84192-5)[5X], SED-6 (680-84192-6)[5X], SED-7 (680-84192-7)[5X], SED DUP-2 (680-84192-8)[5X], BG DUP-1 (680-84192-9)[5X], BG-6 (680-84192-10)[5X], BG-7 (680-84192-11)[5X], BG-8 (680-84192-12)[5X], VP-14 (680-84192-13)[5X], VP-21 (680-84192-14)[5X], TMW-1 (680-84192-15)[5X], TMW-2 (680-84192-16)[5X], TMW-7 (680-84192-17)[5X], TMW-8 (680-84192-18)[5X] and DUP-3 (VP) (680-84192-21)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Samples Equip Blank-1 (680-84192-19)[5X] and Equip Blank-2 (680-84192-20)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the anions analyses.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-84192-1	SED-1	Solid	10/26/12 09:00	10/27/12 10:41
680-84192-2	SED-2	Solid	10/26/12 09:15	10/27/12 10:41
680-84192-3	SED-3	Solid	10/26/12 09:30	10/27/12 10:41
680-84192-4	SED-4	Solid	10/26/12 09:45	10/27/12 10:41
680-84192-5	SED-5	Solid	10/26/12 10:00	10/27/12 10:41
680-84192-6	SED-6	Solid	10/26/12 10:15	10/27/12 10:41
680-84192-7	SED-7	Solid	10/26/12 10:30	10/27/12 10:41
680-84192-8	SED DUP-2	Solid	10/26/12 00:00	10/27/12 10:41
680-84192-9	BG DUP-1	Solid	10/26/12 00:00	10/27/12 10:41
680-84192-10	BG-6	Solid	10/26/12 12:00	10/27/12 10:41
680-84192-11	BG-7	Solid	10/26/12 12:15	10/27/12 10:41
680-84192-12	BG-8	Solid	10/26/12 12:30	10/27/12 10:41
680-84192-13	VP-14	Solid	10/26/12 13:00	10/27/12 10:41
680-84192-14	VP-21	Solid	10/26/12 13:10	10/27/12 10:41
680-84192-15	TMW-1	Solid	10/26/12 13:30	10/27/12 10:41
680-84192-16	TMW-2	Solid	10/26/12 13:45	10/27/12 10:41
680-84192-17	TMW-7	Solid	10/26/12 14:00	10/27/12 10:41
680-84192-18	TMW-8	Solid	10/26/12 14:15	10/27/12 10:41
680-84192-19	Equip Blank-1	Water	10/26/12 14:30	10/27/12 10:41
680-84192-20	Equip Blank-2	Water	10/26/12 14:40	10/27/12 10:41
680-84192-21	DUP-3 (VP)	Solid	10/26/12 00:00	10/27/12 10:41
680-84192-22	Trip Blank-1	Water	10/26/12 00:00	10/27/12 10:41
680-84192-23	Trip Blank-2	Water	10/26/12 00:00	10/27/12 10:41
680-84192-24	Trip Blank-3	Water	10/26/12 00:00	10/27/12 10:41
680-84192-25	Trip Blank-4	Water	10/26/12 00:00	10/27/12 10:41

Method Summary

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAV
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL SAV
6020A	Metals (ICP/MS)	SW846	TAL SAV
7470A	Mercury (CVAA)	SW846	TAL SAV
7471B	Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	SW846	TAL SAV
350.1	Nitrogen, Ammonia	MCAWW	TAL SAV
9056	Anions, Ion Chromatography	SW846	TAL SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
H	Sample was prepped or analyzed beyond the specified holding time
*	LCS or LCSD exceeds the control limits
*	RPD of the LCS and LCSD exceeds the control limits

GC/MS VOA TICs

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.
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.
H	Sample was prepped or analyzed beyond the specified holding time

GC/MS 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.
X	Surrogate is outside control limits
*	RPD of the LCS and LCSD exceeds the control limits

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
A	The tentatively identified compound is a suspected aldol-condensation product.

Metals

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

General Chemistry

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.
H	Sample was prepped or analyzed beyond the specified holding time
F	Duplicate RPD exceeds the control limit

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
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
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)

Detection Summary

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: SED-1 — Lab Sample ID: 680-84192-1

No Detections

Client Sample ID: SED-2 — Lab Sample ID: 680-84192-2

No Detections

Client Sample ID: SED-3 — Lab Sample ID: 680-84192-3

No Detections

Client Sample ID: SED-4 — Lab Sample ID: 680-84192-4

No Detections

Client Sample ID: SED-5 — Lab Sample ID: 680-84192-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.47	B	0.31	0.12	mg/Kg	1	☼	6020A	Total/NA
Chromium	1.7		0.61	0.31	mg/Kg	1	☼	6020A	Total/NA
Copper	0.66		0.61	0.24	mg/Kg	1	☼	6020A	Total/NA
Iron	950		31	12	mg/Kg	1	☼	6020A	Total/NA
Lead	1.1		0.24	0.12	mg/Kg	1	☼	6020A	Total/NA
Manganese	2.7		1.2	0.61	mg/Kg	1	☼	6020A	Total/NA
Nickel	1.4		0.61	0.31	mg/Kg	1	☼	6020A	Total/NA
Zinc	2.4		2.4	0.67	mg/Kg	1	☼	6020A	Total/NA

Client Sample ID: SED-6 — Lab Sample ID: 680-84192-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00096	J	0.0050	0.00084	mg/Kg	1	☼	8260B	Total/NA
Arsenic	0.60	B	0.31	0.12	mg/Kg	1	☼	6020A	Total/NA
Chromium	1.1		0.62	0.31	mg/Kg	1	☼	6020A	Total/NA
Copper	0.32	J	0.62	0.25	mg/Kg	1	☼	6020A	Total/NA
Iron	580		31	12	mg/Kg	1	☼	6020A	Total/NA
Lead	1.1		0.25	0.12	mg/Kg	1	☼	6020A	Total/NA
Manganese	5.1		1.2	0.62	mg/Kg	1	☼	6020A	Total/NA
Nickel	0.53	J	0.62	0.31	mg/Kg	1	☼	6020A	Total/NA
Zinc	2.2	J	2.5	0.68	mg/Kg	1	☼	6020A	Total/NA
Ammonia	1.3		0.37	0.16	mg/Kg	1	☼	350.1	Total/NA
Sulfate	25	J	130	25	mg/Kg	5	☼	9056	Soluble

Client Sample ID: SED-7 — Lab Sample ID: 680-84192-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.44	B	0.29	0.12	mg/Kg	1	☼	6020A	Total/NA
Chromium	1.2		0.58	0.29	mg/Kg	1	☼	6020A	Total/NA
Iron	270		29	12	mg/Kg	1	☼	6020A	Total/NA
Lead	1.2		0.23	0.12	mg/Kg	1	☼	6020A	Total/NA
Manganese	5.5		1.2	0.58	mg/Kg	1	☼	6020A	Total/NA
Nickel	0.50	J	0.58	0.29	mg/Kg	1	☼	6020A	Total/NA
Zinc	1.3	J	2.3	0.64	mg/Kg	1	☼	6020A	Total/NA

Client Sample ID: SED DUP-2 — Lab Sample ID: 680-84192-8

Client Sample ID: SED DUP-2 (Continued) — Lab Sample ID: 680-84192-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.61	B	0.29	0.12	mg/Kg	1	☼	6020A	Total/NA
Chromium	1.6		0.58	0.29	mg/Kg	1	☼	6020A	Total/NA
Iron	310		29	12	mg/Kg	1	☼	6020A	Total/NA
Lead	1.8		0.23	0.12	mg/Kg	1	☼	6020A	Total/NA
Manganese	7.0		1.2	0.58	mg/Kg	1	☼	6020A	Total/NA
Nickel	0.50	J	0.58	0.29	mg/Kg	1	☼	6020A	Total/NA
Zinc	1.3	J	2.3	0.64	mg/Kg	1	☼	6020A	Total/NA

Client Sample ID: BG DUP-1 — Lab Sample ID: 680-84192-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.53	B	0.30	0.12	mg/Kg	1	☼	6020A	Total/NA
Beryllium	0.030	J	0.060	0.030	mg/Kg	1	☼	6020A	Total/NA
Cadmium	0.016	J	0.060	0.014	mg/Kg	1	☼	6020A	Total/NA
Chromium	1.9		0.60	0.30	mg/Kg	1	☼	6020A	Total/NA
Copper	0.28	J	0.60	0.24	mg/Kg	1	☼	6020A	Total/NA
Iron	1500		30	12	mg/Kg	1	☼	6020A	Total/NA
Lead	1.6		0.24	0.12	mg/Kg	1	☼	6020A	Total/NA
Manganese	2.9		1.2	0.60	mg/Kg	1	☼	6020A	Total/NA
Nickel	0.70		0.60	0.30	mg/Kg	1	☼	6020A	Total/NA
Zinc	1.4	J	2.4	0.66	mg/Kg	1	☼	6020A	Total/NA
Ammonia	0.94		0.37	0.16	mg/Kg	1	☼	350.1	Total/NA

Client Sample ID: BG-6 — Lab Sample ID: 680-84192-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
m-Xylene & p-Xylene	0.0022	J	0.0075	0.0020	mg/Kg	1	☼	8260B	Total/NA
2,4-Dinitrotoluene	0.079	J	0.40	0.059	mg/Kg	1	☼	8270D	Total/NA
Arsenic	0.53	B	0.30	0.12	mg/Kg	1	☼	6020A	Total/NA
Chromium	1.8		0.60	0.30	mg/Kg	1	☼	6020A	Total/NA
Copper	0.27	J	0.60	0.24	mg/Kg	1	☼	6020A	Total/NA
Iron	1300		30	12	mg/Kg	1	☼	6020A	Total/NA
Lead	1.5		0.24	0.12	mg/Kg	1	☼	6020A	Total/NA
Manganese	3.3		1.2	0.60	mg/Kg	1	☼	6020A	Total/NA
Nickel	0.73		0.60	0.30	mg/Kg	1	☼	6020A	Total/NA
Zinc	2.2	J	2.4	0.66	mg/Kg	1	☼	6020A	Total/NA
Ammonia	1.0		0.37	0.16	mg/Kg	1	☼	350.1	Total/NA

Client Sample ID: BG-7 — Lab Sample ID: 680-84192-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.12	J B	0.28	0.11	mg/Kg	1	☼	6020A	Total/NA
Iron	23	J	28	11	mg/Kg	1	☼	6020A	Total/NA
Lead	0.60		0.23	0.11	mg/Kg	1	☼	6020A	Total/NA
Manganese	0.63	J	1.1	0.56	mg/Kg	1	☼	6020A	Total/NA
Ammonia	0.82		0.34	0.15	mg/Kg	1	☼	350.1	Total/NA

Client Sample ID: BG-8 — Lab Sample ID: 680-84192-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.28	J B	0.29	0.11	mg/Kg	1	☼	6020A	Total/NA
Chromium	0.69		0.57	0.29	mg/Kg	1	☼	6020A	Total/NA

Client Sample ID: BG-8 (Continued) — Lab Sample ID: 680-84192-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	410		29	11	mg/Kg	1	☼	6020A	Total/NA
Lead	0.93		0.23	0.11	mg/Kg	1	☼	6020A	Total/NA
Manganese	2.4		1.1	0.57	mg/Kg	1	☼	6020A	Total/NA
Nickel	0.43	J	0.57	0.29	mg/Kg	1	☼	6020A	Total/NA
Zinc	0.91	J	2.3	0.63	mg/Kg	1	☼	6020A	Total/NA
Ammonia	0.87		0.36	0.15	mg/Kg	1	☼	350.1	Total/NA

Client Sample ID: VP-14 — Lab Sample ID: 680-84192-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.35	B	0.25	0.10	mg/Kg	1	☼	6020A	Total/NA
Cadmium	0.017	J	0.050	0.012	mg/Kg	1	☼	6020A	Total/NA
Chromium	1.2		0.50	0.25	mg/Kg	1	☼	6020A	Total/NA
Copper	0.58		0.50	0.20	mg/Kg	1	☼	6020A	Total/NA
Iron	520		25	10	mg/Kg	1	☼	6020A	Total/NA
Lead	2.3		0.20	0.10	mg/Kg	1	☼	6020A	Total/NA
Manganese	2.9		1.0	0.50	mg/Kg	1	☼	6020A	Total/NA
Nickel	0.50		0.50	0.25	mg/Kg	1	☼	6020A	Total/NA
Zinc	3.3		2.0	0.55	mg/Kg	1	☼	6020A	Total/NA
Ammonia	1.8		0.31	0.13	mg/Kg	1	☼	350.1	Total/NA
Nitrate as N	2.7	J	5.2	1.6	mg/Kg	5	☼	9056	Soluble

Client Sample ID: VP-21 — Lab Sample ID: 680-84192-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00083	J H	0.0052	0.00075	mg/Kg	1	☼	8260B	Total/NA
Arsenic	0.35	B	0.26	0.10	mg/Kg	1	☼	6020A	Total/NA
Chromium	4.3		0.51	0.26	mg/Kg	1	☼	6020A	Total/NA
Copper	1.0		0.51	0.20	mg/Kg	1	☼	6020A	Total/NA
Iron	640		26	10	mg/Kg	1	☼	6020A	Total/NA
Lead	1.9		0.20	0.10	mg/Kg	1	☼	6020A	Total/NA
Manganese	5.0		1.0	0.51	mg/Kg	1	☼	6020A	Total/NA
Nickel	0.63		0.51	0.26	mg/Kg	1	☼	6020A	Total/NA
Zinc	2.1		2.0	0.56	mg/Kg	1	☼	6020A	Total/NA
Ammonia	2.9		0.31	0.13	mg/Kg	1	☼	350.1	Total/NA

Client Sample ID: TMW-1 — Lab Sample ID: 680-84192-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.30	B	0.26	0.10	mg/Kg	1	☼	6020A	Total/NA
Chromium	1.0		0.52	0.26	mg/Kg	1	☼	6020A	Total/NA
Copper	0.31	J	0.52	0.21	mg/Kg	1	☼	6020A	Total/NA
Iron	610		26	10	mg/Kg	1	☼	6020A	Total/NA
Lead	1.6		0.21	0.10	mg/Kg	1	☼	6020A	Total/NA
Manganese	8.0		1.0	0.52	mg/Kg	1	☼	6020A	Total/NA
Nickel	0.51	J	0.52	0.26	mg/Kg	1	☼	6020A	Total/NA
Zinc	1.3	J	2.1	0.57	mg/Kg	1	☼	6020A	Total/NA
Ammonia	0.79		0.32	0.14	mg/Kg	1	☼	350.1	Total/NA

Client Sample ID: TMW-2 — Lab Sample ID: 680-84192-16

Client Sample ID: TMW-2 (Continued) — Lab Sample ID: 680-84192-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.52		0.26	0.10	mg/Kg	1	☼	6020A	Total/NA
Chromium	1.8		0.52	0.26	mg/Kg	1	☼	6020A	Total/NA
Copper	1.2	B	0.52	0.21	mg/Kg	1	☼	6020A	Total/NA
Iron	970	B	26	10	mg/Kg	1	☼	6020A	Total/NA
Lead	3.5		0.21	0.10	mg/Kg	1	☼	6020A	Total/NA
Manganese	4.8		1.0	0.52	mg/Kg	1	☼	6020A	Total/NA
Nickel	0.72		0.52	0.26	mg/Kg	1	☼	6020A	Total/NA
Zinc	5.8		2.1	0.57	mg/Kg	1	☼	6020A	Total/NA
Ammonia	0.85		0.31	0.14	mg/Kg	1	☼	350.1	Total/NA

Client Sample ID: TMW-7 — Lab Sample ID: 680-84192-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.98	B	0.27	0.11	mg/Kg	1	☼	6020A	Total/NA
Beryllium	0.046	J	0.054	0.027	mg/Kg	1	☼	6020A	Total/NA
Cadmium	0.062		0.054	0.013	mg/Kg	1	☼	6020A	Total/NA
Chromium	6.2		0.54	0.27	mg/Kg	1	☼	6020A	Total/NA
Copper	4.9		0.54	0.21	mg/Kg	1	☼	6020A	Total/NA
Iron	2700		27	11	mg/Kg	1	☼	6020A	Total/NA
Lead	9.2		0.21	0.11	mg/Kg	1	☼	6020A	Total/NA
Manganese	16		1.1	0.54	mg/Kg	1	☼	6020A	Total/NA
Nickel	1.4		0.54	0.27	mg/Kg	1	☼	6020A	Total/NA
Zinc	17		2.1	0.59	mg/Kg	1	☼	6020A	Total/NA
Mercury	0.015	J	0.021	0.0087	mg/Kg	1	☼	7471B	Total/NA
Ammonia	1.4		0.32	0.14	mg/Kg	1	☼	350.1	Total/NA
Nitrate as N	4.3	J	5.4	1.6	mg/Kg	5	☼	9056	Soluble
Sulfate	23	J	110	21	mg/Kg	5	☼	9056	Soluble

Client Sample ID: TMW-8 — Lab Sample ID: 680-84192-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.78	B	0.27	0.11	mg/Kg	1	☼	6020A	Total/NA
Beryllium	0.050	J	0.054	0.027	mg/Kg	1	☼	6020A	Total/NA
Cadmium	0.022	J	0.054	0.013	mg/Kg	1	☼	6020A	Total/NA
Chromium	4.0		0.54	0.27	mg/Kg	1	☼	6020A	Total/NA
Copper	1.0		0.54	0.22	mg/Kg	1	☼	6020A	Total/NA
Iron	1900		27	11	mg/Kg	1	☼	6020A	Total/NA
Lead	2.4		0.22	0.11	mg/Kg	1	☼	6020A	Total/NA
Manganese	6.0		1.1	0.54	mg/Kg	1	☼	6020A	Total/NA
Nickel	1.2		0.54	0.27	mg/Kg	1	☼	6020A	Total/NA
Zinc	3.5		2.2	0.60	mg/Kg	1	☼	6020A	Total/NA
Ammonia	0.84		0.33	0.14	mg/Kg	1	☼	350.1	Total/NA
Sulfate	32	J	110	22	mg/Kg	5	☼	9056	Soluble

Client Sample ID: Equip Blank-1 — Lab Sample ID: 680-84192-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.19	J	1.0	0.13	ug/L	1		8260B	Total/NA
Arsenic	0.50	J	1.0	0.40	ug/L	1		6020A	Total/NA

Client Sample ID: Equip Blank-2 — Lab Sample ID: 680-84192-20

Detection Summary

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: Equip Blank-2 (Continued) — Lab Sample ID: 680-84192-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.20	J	1.0	0.13	ug/L	1		8260B	Total/NA
Arsenic	0.40	J	1.0	0.40	ug/L	1		6020A	Total/NA
Zinc	18		10	2.6	ug/L	1		6020A	Total/NA
Ammonia	40	J	50	26	ug/L	1		350.1	Total/NA

Client Sample ID: DUP-3 (VP) — Lab Sample ID: 680-84192-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.26	B	0.25	0.099	mg/Kg	1	☼	6020A	Total/NA
Cadmium	0.017	J	0.050	0.012	mg/Kg	1	☼	6020A	Total/NA
Chromium	3.3		0.50	0.25	mg/Kg	1	☼	6020A	Total/NA
Copper	0.61		0.50	0.20	mg/Kg	1	☼	6020A	Total/NA
Iron	550		25	9.9	mg/Kg	1	☼	6020A	Total/NA
Lead	1.4		0.20	0.099	mg/Kg	1	☼	6020A	Total/NA
Manganese	3.7		0.99	0.50	mg/Kg	1	☼	6020A	Total/NA
Nickel	0.44	J	0.50	0.25	mg/Kg	1	☼	6020A	Total/NA
Zinc	1.5	J	2.0	0.55	mg/Kg	1	☼	6020A	Total/NA
Ammonia	2.6		0.31	0.14	mg/Kg	1	☼	350.1	Total/NA

Client Sample ID: Trip Blank-1 — Lab Sample ID: 680-84192-22

No Detections

Client Sample ID: Trip Blank-2 — Lab Sample ID: 680-84192-23

No Detections

Client Sample ID: Trip Blank-3 — Lab Sample ID: 680-84192-24

No Detections

Client Sample ID: Trip Blank-4 — Lab Sample ID: 680-84192-25

No Detections

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: SED-1
Date Collected: 10/26/12 09:00
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-1
Matrix: Solid
Percent Solids: 78.0

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		0.12	0.031	mg/Kg	☼	10/31/12 10:47	11/01/12 23:29	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: SED-2
Date Collected: 10/26/12 09:15
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-2
Matrix: Solid
Percent Solids: 82.6

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		0.11	0.028	mg/Kg	☼	10/31/12 10:47	11/01/12 23:36	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: SED-3
Date Collected: 10/26/12 09:30
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-3
Matrix: Solid
Percent Solids: 82.2

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		0.12	0.029	mg/Kg	☼	10/31/12 10:47	11/01/12 23:44	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: SED-4
Date Collected: 10/26/12 09:45
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-4
Matrix: Solid
Percent Solids: 81.6

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		0.12	0.029	mg/Kg	☼	10/31/12 10:47	11/01/12 23:51	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: SED-5

Lab Sample ID: 680-84192-5

Date Collected: 10/26/12 10:00
Date Received: 10/27/12 10:41

Matrix: Solid
Percent Solids: 78.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.050	0.011	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
Benzene	ND		0.0050	0.00073	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
Bromochloromethane	ND		0.0050	0.0033	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
Bromodichloromethane	ND		0.0050	0.00097	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
Bromoform	ND		0.0050	0.0015	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
Bromomethane	ND		0.0050	0.0015	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
2-Butanone	ND		0.025	0.0024	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
Carbon disulfide	ND		0.0050	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
Carbon tetrachloride	ND		0.0050	0.00083	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
Chlorobenzene	ND		0.0050	0.00096	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
Chloroethane	ND		0.0050	0.0027	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
Chloroform	ND		0.0050	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
Chloromethane	ND		0.0050	0.0010	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
cis-1,2-Dichloroethene	ND		0.0050	0.0014	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
cis-1,3-Dichloropropene	ND		0.0050	0.00083	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
Cyclohexane	ND		0.010	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
Dibromochloromethane	ND		0.0050	0.0017	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0044	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
1,2-Dibromoethane	ND		0.0050	0.0015	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
1,2-Dichlorobenzene	ND		0.0050	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
1,3-Dichlorobenzene	ND		0.0050	0.0016	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
1,4-Dichlorobenzene	ND		0.0050	0.00074	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
Dichlorodifluoromethane	ND		0.0050	0.00094	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
1,1-Dichloroethane	ND		0.0050	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
1,2-Dichloroethane	ND		0.0050	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
1,1-Dichloroethene	ND		0.0050	0.0015	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
1,2-Dichloropropane	ND		0.0050	0.00086	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
1,4-Dioxane	ND		0.050	0.050	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
Ethylbenzene	ND		0.0050	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
2-Hexanone	ND		0.025	0.0033	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
Isopropylbenzene	ND		0.0050	0.0019	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
Methyl acetate	ND		0.010	0.0050	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
Methylcyclohexane	ND		0.010	0.00086	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
Methylene Chloride	ND		0.0050	0.00098	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
4-Methyl-2-pentanone	ND		0.025	0.0042	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
Methyl tert-butyl ether	ND		0.010	0.0010	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
m-Xylene & p-Xylene	ND		0.010	0.0026	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
o-Xylene	ND		0.0050	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
Styrene	ND		0.0050	0.00093	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
1,1,2,2-Tetrachloroethane	ND		0.0050	0.0016	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
Tetrachloroethene	ND		0.0050	0.0019	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
Toluene	ND		0.0050	0.00084	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
trans-1,2-Dichloroethene	ND		0.0050	0.00063	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
trans-1,3-Dichloropropene	ND		0.0050	0.00087	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
1,2,3-Trichlorobenzene	ND		0.0050	0.0016	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
1,2,4-Trichlorobenzene	ND		0.0050	0.00089	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
1,1,1-Trichloroethane	ND		0.0050	0.00059	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
1,1,2-Trichloroethane	ND		0.0050	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
Trichloroethene	ND		0.0050	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1

Client Sample ID: SED-5

Date Collected: 10/26/12 10:00
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-5

Matrix: Solid
Percent Solids: 78.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		0.0050	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0050	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1
Vinyl chloride	ND		0.0050	0.0015	mg/Kg	☼	10/29/12 14:13	11/09/12 20:30	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*10/29/12 14:13*	*11/09/12 20:30*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*65 - 130*	*10/29/12 14:13*	*11/09/12 20:30*	*1*
Dibromofluoromethane	*106*		*65 - 130*	*10/29/12 14:13*	*11/09/12 20:30*	*1*
Toluene-d8 (Surr)	*96*		*65 - 130*	*10/29/12 14:13*	*11/09/12 20:30*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.42	0.052	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Acenaphthylene	ND		0.42	0.045	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Acetophenone	ND		0.42	0.035	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Anthracene	ND		0.42	0.031	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Atrazine	ND		0.42	0.029	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Benzaldehyde	ND		0.42	0.073	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Benzo[a]anthracene	ND		0.42	0.034	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Benzo[a]pyrene	ND		0.42	0.065	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Benzo[b]fluoranthene	ND		0.42	0.048	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Benzo[g,h,i]perylene	ND		0.42	0.028	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Benzo[k]fluoranthene	ND		0.42	0.082	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
1,1'-Biphenyl	ND		0.42	0.93	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Bis(2-chloroethoxy)methane	ND		0.42	0.049	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Bis(2-chloroethyl)ether	ND		0.42	0.057	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
bis (2-chloroisopropyl) ether	ND		0.42	0.038	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Bis(2-ethylhexyl) phthalate	ND		0.42	0.036	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
4-Bromophenyl phenyl ether	ND		0.42	0.045	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Butyl benzyl phthalate	ND		0.42	0.033	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Caprolactam	ND		0.42	0.083	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Carbazole	ND		0.42	0.038	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
4-Chloroaniline	ND		0.83	0.065	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
4-Chloro-3-methylphenol	ND		0.42	0.044	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
2-Chloronaphthalene	ND		0.42	0.044	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
2-Chlorophenol	ND		0.42	0.050	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
4-Chlorophenyl phenyl ether	ND		0.42	0.055	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Chrysene	ND		0.42	0.026	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Dibenz(a,h)anthracene	ND		0.42	0.049	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Dibenzofuran	ND		0.42	0.042	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
3,3'-Dichlorobenzidine	ND		0.83	0.035	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
2,4-Dichlorophenol	ND		0.42	0.044	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Diethyl phthalate	ND		0.42	0.047	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
2,4-Dimethylphenol	ND		0.42	0.055	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Dimethyl phthalate	ND		0.42	0.043	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Di-n-butyl phthalate	ND		0.42	0.038	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
4,6-Dinitro-2-methylphenol	ND		2.1	0.21	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
2,4-Dinitrophenol	ND		2.1	1.0	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: SED-5

Date Collected: 10/26/12 10:00
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-5

Matrix: Solid
Percent Solids: 78.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		0.42	0.062	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
2,6-Dinitrotoluene	ND		0.42	0.053	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Di-n-octyl phthalate	ND		0.42	0.036	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Fluoranthene	ND		0.42	0.040	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Fluorene	ND		0.42	0.045	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Hexachlorobenzene	ND		0.42	0.049	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Hexachlorobutadiene	ND		0.42	0.045	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Hexachlorocyclopentadiene	ND		0.42	0.052	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Hexachloroethane	ND		0.42	0.035	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Indeno[1,2,3-cd]pyrene	ND		0.42	0.035	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Isophorone	ND		0.42	0.042	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
2-Methylnaphthalene	ND		0.42	0.048	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
2-Methylphenol	ND		0.42	0.034	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
3 & 4 Methylphenol	ND		0.42	0.054	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Naphthalene	ND		0.42	0.038	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
2-Nitroaniline	ND		2.1	0.057	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
3-Nitroaniline	ND		2.1	0.058	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
4-Nitroaniline	ND		2.1	0.062	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Nitrobenzene	ND		0.42	0.033	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
2-Nitrophenol	ND		0.42	0.052	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
4-Nitrophenol	ND		2.1	0.42	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
N-Nitrosodi-n-propylamine	ND		0.42	0.040	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
N-Nitrosodiphenylamine	ND		0.42	0.042	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Pentachlorophenol	ND		2.1	0.42	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Phenanthrene	ND		0.42	0.034	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Phenol	ND		0.42	0.043	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
Pyrene	ND		0.42	0.034	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
1,2,4,5-Tetrachlorobenzene	ND		0.42	0.039	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
2,3,4,6-Tetrachlorophenol	ND		0.42	0.028	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
2,4,5-Trichlorophenol	ND		0.42	0.044	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1
2,4,6-Trichlorophenol	ND		0.42	0.036	mg/Kg	☼	10/30/12 16:46	11/10/12 22:01	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Benzene, 1-methyl-2-(1-methylethyl)-	*0.67*	*T J N*	*mg/Kg*	☼	*5.40*	*527-84-4*	*10/30/12 16:46*	*11/10/12 22:01*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*68*		*58 - 130*	*10/30/12 16:46*	*11/10/12 22:01*	*1*
2-Fluorophenol	*68*		*40 - 130*	*10/30/12 16:46*	*11/10/12 22:01*	*1*
Nitrobenzene-d5	*69*		*46 - 130*	*10/30/12 16:46*	*11/10/12 22:01*	*1*
Phenol-d5	*68*		*49 - 130*	*10/30/12 16:46*	*11/10/12 22:01*	*1*
Terphenyl-d14	*78*		*60 - 130*	*10/30/12 16:46*	*11/10/12 22:01*	*1*
2,4,6-Tribromophenol	*74*		*58 - 130*	*10/30/12 16:46*	*11/10/12 22:01*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.2	0.61	mg/Kg	☼	10/29/12 11:14	11/01/12 03:21	1
Arsenic	**0.47**	**B**	0.31	0.12	mg/Kg	☼	10/29/12 11:14	11/01/12 03:21	1
Beryllium	ND		0.061	0.031	mg/Kg	☼	10/29/12 11:14	11/01/12 03:21	1
Cadmium	ND		0.061	0.015	mg/Kg	☼	10/29/12 11:14	11/01/12 03:21	1
Chromium	**1.7**		0.61	0.31	mg/Kg	☼	10/29/12 11:14	11/01/12 03:21	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: SED-5

Date Collected: 10/26/12 10:00
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-5

Matrix: Solid
Percent Solids: 78.8

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	0.66		0.61	0.24	mg/Kg	☼	10/29/12 11:14	11/01/12 03:21	1
Iron	950		31	12	mg/Kg	☼	10/29/12 11:14	11/01/12 03:21	1
Lead	1.1		0.24	0.12	mg/Kg	☼	10/29/12 11:14	11/01/12 03:21	1
Manganese	2.7		1.2	0.61	mg/Kg	☼	10/29/12 11:14	11/01/12 03:21	1
Nickel	1.4		0.61	0.31	mg/Kg	☼	10/29/12 11:14	11/01/12 03:21	1
Selenium	ND		0.61	0.31	mg/Kg	☼	10/29/12 11:14	11/01/12 03:21	1
Silver	ND		0.12	0.061	mg/Kg	☼	10/29/12 11:14	11/01/12 03:21	1
Thallium	ND		0.12	0.031	mg/Kg	☼	10/29/12 11:14	11/01/12 03:21	1
Zinc	2.4		2.4	0.67	mg/Kg	☼	10/29/12 11:14	11/01/12 03:21	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.024	0.010	mg/Kg	☼	10/30/12 17:45	11/06/12 19:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.38	0.16	mg/Kg	☼	10/31/12 16:21	10/31/12 19:23	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		6.3	1.9	mg/Kg	☼		11/08/12 00:48	5
Sulfate	ND		130	25	mg/Kg	☼		11/08/12 11:05	5

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: SED-6

Date Collected: 10/26/12 10:15
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-6

Matrix: Solid
Percent Solids: 80.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.050	0.011	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
Benzene	ND		0.0050	0.00073	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
Bromochloromethane	ND		0.0050	0.0033	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
Bromodichloromethane	ND		0.0050	0.00098	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
Bromoform	ND		0.0050	0.0015	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
Bromomethane	ND		0.0050	0.0015	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
2-Butanone	ND		0.025	0.0024	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
Carbon disulfide	ND		0.0050	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
Carbon tetrachloride	ND		0.0050	0.00083	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
Chlorobenzene	ND		0.0050	0.00097	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
Chloroethane	ND		0.0050	0.0027	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
Chloroform	ND		0.0050	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
Chloromethane	ND		0.0050	0.0010	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
cis-1,2-Dichloroethene	ND		0.0050	0.0014	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
cis-1,3-Dichloropropene	ND		0.0050	0.00083	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
Cyclohexane	ND		0.010	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
Dibromochloromethane	ND		0.0050	0.0017	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0044	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
1,2-Dibromoethane	ND		0.0050	0.0015	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
1,2-Dichlorobenzene	ND		0.0050	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
1,3-Dichlorobenzene	ND		0.0050	0.0016	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
1,4-Dichlorobenzene	ND		0.0050	0.00074	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
Dichlorodifluoromethane	ND		0.0050	0.00095	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
1,1-Dichloroethane	ND		0.0050	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
1,2-Dichloroethane	ND		0.0050	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
1,1-Dichloroethene	ND		0.0050	0.0015	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
1,2-Dichloropropane	ND		0.0050	0.00086	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
1,4-Dioxane	ND		0.050	0.050	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
Ethylbenzene	ND		0.0050	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
2-Hexanone	ND		0.025	0.0033	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
Isopropylbenzene	ND		0.0050	0.0019	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
Methyl acetate	ND		0.010	0.0050	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
Methylcyclohexane	ND		0.010	0.00086	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
Methylene Chloride	ND		0.0050	0.00099	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
4-Methyl-2-pentanone	ND		0.025	0.0042	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
Methyl tert-butyl ether	ND		0.010	0.0010	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
m-Xylene & p-Xylene	ND		0.010	0.0026	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
o-Xylene	ND		0.0050	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
Styrene	ND		0.0050	0.00094	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
1,1,2,2-Tetrachloroethane	ND		0.0050	0.0016	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
Tetrachloroethene	ND		0.0050	0.0019	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
Toluene	**0.00096**	**J**	0.0050	0.00084	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
trans-1,2-Dichloroethene	ND		0.0050	0.00063	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
trans-1,3-Dichloropropene	ND		0.0050	0.00087	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
1,2,3-Trichlorobenzene	ND		0.0050	0.0016	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
1,2,4-Trichlorobenzene	ND		0.0050	0.00090	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
1,1,1-Trichloroethane	ND		0.0050	0.00059	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
1,1,2-Trichloroethane	ND		0.0050	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
Trichloroethene	ND		0.0050	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1

Client Sample ID: SED-6

Date Collected: 10/26/12 10:15
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-6

Matrix: Solid
Percent Solids: 80.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		0.0050	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0050	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1
Vinyl chloride	ND		0.0050	0.0015	mg/Kg	☼	10/29/12 14:13	11/09/12 13:36	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrahydrofuran	*0.0023*	*J*	*mg/Kg*	☼	*2.96*	*109-99-9*	*10/29/12 14:13*	*11/09/12 13:36*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*65 - 130*	*10/29/12 14:13*	*11/09/12 13:36*	*1*
Dibromofluoromethane	*106*		*65 - 130*	*10/29/12 14:13*	*11/09/12 13:36*	*1*
Toluene-d8 (Surr)	*94*		*65 - 130*	*10/29/12 14:13*	*11/09/12 13:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.41	0.051	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Acenaphthylene	ND		0.41	0.045	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Acetophenone	ND		0.41	0.035	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Anthracene	ND		0.41	0.031	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Atrazine	ND		0.41	0.029	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Benzaldehyde	ND		0.41	0.072	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Benzo[a]anthracene	ND		0.41	0.034	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Benzo[a]pyrene	ND		0.41	0.065	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Benzo[b]fluoranthene	ND		0.41	0.047	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Benzo[g,h,i]perylene	ND		0.41	0.027	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Benzo[k]fluoranthene	ND		0.41	0.081	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
1,1'-Biphenyl	ND		0.41	0.92	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Bis(2-chloroethoxy)methane	ND		0.41	0.048	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Bis(2-chloroethyl)ether	ND		0.41	0.056	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
bis (2-chloroisopropyl) ether	ND		0.41	0.037	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Bis(2-ethylhexyl) phthalate	ND		0.41	0.036	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
4-Bromophenyl phenyl ether	ND		0.41	0.045	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Butyl benzyl phthalate	ND		0.41	0.032	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Caprolactam	ND		0.41	0.082	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Carbazole	ND		0.41	0.037	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
4-Chloroaniline	ND		0.82	0.065	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
4-Chloro-3-methylphenol	ND		0.41	0.043	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
2-Chloronaphthalene	ND		0.41	0.043	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
2-Chlorophenol	ND		0.41	0.050	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
4-Chlorophenyl phenyl ether	ND		0.41	0.055	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Chrysene	ND		0.41	0.026	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Dibenz(a,h)anthracene	ND		0.41	0.048	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Dibenzofuran	ND		0.41	0.041	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
3,3'-Dichlorobenzidine	ND		0.82	0.035	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
2,4-Dichlorophenol	ND		0.41	0.043	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Diethyl phthalate	ND		0.41	0.046	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
2,4-Dimethylphenol	ND		0.41	0.055	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Dimethyl phthalate	ND		0.41	0.042	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Di-n-butyl phthalate	ND		0.41	0.037	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
4,6-Dinitro-2-methylphenol	ND		2.1	0.21	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
2,4-Dinitrophenol	ND		2.1	1.0	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: SED-6

Date Collected: 10/26/12 10:15
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-6

Matrix: Solid
Percent Solids: 80.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		0.41	0.061	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
2,6-Dinitrotoluene	ND		0.41	0.052	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Di-n-octyl phthalate	ND		0.41	0.036	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Fluoranthene	ND		0.41	0.040	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Fluorene	ND		0.41	0.045	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Hexachlorobenzene	ND		0.41	0.048	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Hexachlorobutadiene	ND		0.41	0.045	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Hexachlorocyclopentadiene	ND		0.41	0.051	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Hexachloroethane	ND		0.41	0.035	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Indeno[1,2,3-cd]pyrene	ND		0.41	0.035	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Isophorone	ND		0.41	0.041	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
2-Methylnaphthalene	ND		0.41	0.047	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
2-Methylphenol	ND		0.41	0.034	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
3 & 4 Methylphenol	ND		0.41	0.053	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Naphthalene	ND		0.41	0.037	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
2-Nitroaniline	ND		2.1	0.056	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
3-Nitroaniline	ND		2.1	0.057	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
4-Nitroaniline	ND		2.1	0.061	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Nitrobenzene	ND		0.41	0.032	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
2-Nitrophenol	ND		0.41	0.051	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
4-Nitrophenol	ND		2.1	0.41	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
N-Nitrosodi-n-propylamine	ND		0.41	0.040	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
N-Nitrosodiphenylamine	ND		0.41	0.041	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Pentachlorophenol	ND		2.1	0.41	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Phenanthrene	ND		0.41	0.034	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Phenol	ND		0.41	0.042	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
Pyrene	ND		0.41	0.034	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
1,2,4,5-Tetrachlorobenzene	ND		0.41	0.039	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
2,3,4,6-Tetrachlorophenol	ND		0.41	0.027	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
2,4,5-Trichlorophenol	ND		0.41	0.043	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1
2,4,6-Trichlorophenol	ND		0.41	0.036	mg/Kg	☼	10/30/12 16:46	11/10/12 22:29	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Hexadecanoic acid	*0.20*	*T J N*	*mg/Kg*	☼	*10.59*	*57-10-3*	*10/30/12 16:46*	*11/10/12 22:29*	*1*
Sulfur, mol. (S8)	*0.25*	*T J N*	*mg/Kg*	☼	*11.33*	*10544-50-0*	*10/30/12 16:46*	*11/10/12 22:29*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*58 - 130*	*10/30/12 16:46*	*11/10/12 22:29*	*1*
2-Fluorophenol	*70*		*40 - 130*	*10/30/12 16:46*	*11/10/12 22:29*	*1*
Nitrobenzene-d5	*68*		*46 - 130*	*10/30/12 16:46*	*11/10/12 22:29*	*1*
Phenol-d5	*70*		*49 - 130*	*10/30/12 16:46*	*11/10/12 22:29*	*1*
Terphenyl-d14	*76*		*60 - 130*	*10/30/12 16:46*	*11/10/12 22:29*	*1*
2,4,6-Tribromophenol	*74*		*58 - 130*	*10/30/12 16:46*	*11/10/12 22:29*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.2	0.62	mg/Kg	☼	10/29/12 11:14	11/01/12 10:23	1
Arsenic	**0.60**	**B**	0.31	0.12	mg/Kg	☼	10/29/12 11:14	11/01/12 10:23	1
Beryllium	ND		0.062	0.031	mg/Kg	☼	10/29/12 11:14	11/01/12 10:23	1
Cadmium	ND		0.062	0.015	mg/Kg	☼	10/29/12 11:14	11/01/12 10:23	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: SED-6

Date Collected: 10/26/12 10:15
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-6

Matrix: Solid
Percent Solids: 80.5

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	1.1		0.62	0.31	mg/Kg	☼	10/29/12 11:14	11/01/12 10:23	1
Copper	0.32	J	0.62	0.25	mg/Kg	☼	10/29/12 11:14	11/01/12 10:23	1
Iron	580		31	12	mg/Kg	☼	10/29/12 11:14	11/01/12 10:23	1
Lead	1.1		0.25	0.12	mg/Kg	☼	10/29/12 11:14	11/01/12 10:23	1
Manganese	5.1		1.2	0.62	mg/Kg	☼	10/29/12 11:14	11/01/12 10:23	1
Nickel	0.53	J	0.62	0.31	mg/Kg	☼	10/29/12 11:14	11/01/12 10:23	1
Selenium	ND		0.62	0.31	mg/Kg	☼	10/29/12 11:14	11/01/12 10:23	1
Silver	ND		0.12	0.062	mg/Kg	☼	10/29/12 11:14	11/01/12 10:23	1
Thallium	ND		0.12	0.031	mg/Kg	☼	10/29/12 11:14	11/01/12 10:23	1
Zinc	2.2	J	2.5	0.68	mg/Kg	☼	10/29/12 11:14	11/01/12 10:23	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.024	0.010	mg/Kg	☼	10/30/12 17:45	11/06/12 19:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	1.3		0.37	0.16	mg/Kg	☼	10/31/12 16:21	10/31/12 19:31	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		6.3	1.9	mg/Kg	☼		11/08/12 01:34	5
Sulfate	25	J	130	25	mg/Kg	☼		11/08/12 11:43	5

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: SED-7

Date Collected: 10/26/12 10:30
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-7

Matrix: Solid
Percent Solids: 80.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.048	0.011	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
Benzene	ND		0.0048	0.00070	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
Bromochloromethane	ND		0.0048	0.0032	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
Bromodichloromethane	ND		0.0048	0.00093	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
Bromoform	ND		0.0048	0.0014	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
Bromomethane	ND		0.0048	0.0014	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
2-Butanone	ND		0.024	0.0023	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
Carbon disulfide	ND		0.0048	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
Carbon tetrachloride	ND		0.0048	0.00080	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
Chlorobenzene	ND		0.0048	0.00092	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
Chloroethane	ND		0.0048	0.0026	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
Chloroform	ND		0.0048	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
Chloromethane	ND		0.0048	0.00096	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
cis-1,2-Dichloroethene	ND		0.0048	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
cis-1,3-Dichloropropene	ND		0.0048	0.00080	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
Cyclohexane	ND		0.0096	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
Dibromochloromethane	ND		0.0048	0.0016	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
1,2-Dibromo-3-Chloropropane	ND		0.0096	0.0042	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
1,2-Dibromoethane	ND		0.0048	0.0014	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
1,2-Dichlorobenzene	ND		0.0048	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
1,3-Dichlorobenzene	ND		0.0048	0.0015	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
1,4-Dichlorobenzene	ND		0.0048	0.00071	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
Dichlorodifluoromethane	ND		0.0048	0.00090	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
1,1-Dichloroethane	ND		0.0048	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
1,2-Dichloroethane	ND		0.0048	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
1,1-Dichloroethene	ND		0.0048	0.0014	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
1,2-Dichloropropane	ND		0.0048	0.00082	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
1,4-Dioxane	ND		0.048	0.048	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
Ethylbenzene	ND		0.0048	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
2-Hexanone	ND		0.024	0.0032	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
Isopropylbenzene	ND		0.0048	0.0018	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
Methyl acetate	ND		0.0096	0.0048	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
Methylcyclohexane	ND		0.0096	0.00082	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
Methylene Chloride	ND		0.0048	0.00094	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
4-Methyl-2-pentanone	ND		0.024	0.0040	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
Methyl tert-butyl ether	ND		0.0096	0.00096	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
m-Xylene & p-Xylene	ND		0.0096	0.0025	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
o-Xylene	ND		0.0048	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
Styrene	ND		0.0048	0.00089	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
1,1,2,2-Tetrachloroethane	ND		0.0048	0.0015	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
Tetrachloroethene	ND		0.0048	0.0018	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
Toluene	ND		0.0048	0.00081	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
trans-1,2-Dichloroethene	ND		0.0048	0.00060	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
trans-1,3-Dichloropropene	ND		0.0048	0.00083	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
1,2,3-Trichlorobenzene	ND		0.0048	0.0015	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
1,2,4-Trichlorobenzene	ND		0.0048	0.00085	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
1,1,1-Trichloroethane	ND		0.0048	0.00057	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
1,1,2-Trichloroethane	ND		0.0048	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
Trichloroethene	ND		0.0048	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: SED-7

Date Collected: 10/26/12 10:30
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-7

Matrix: Solid
Percent Solids: 80.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		0.0048	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0048	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1
Vinyl chloride	ND		0.0048	0.0014	mg/Kg	☼	10/29/12 14:13	11/09/12 13:59	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
1,3-Butadiene, 2-methyl-	*0.0055*	*T J N*	*mg/Kg*	☼	*1.93*	*78-79-5*	*10/29/12 14:13*	*11/09/12 13:59*	*1*
Tetrahydrofuran	*0.0021*	*J*	*mg/Kg*	☼	*2.96*	*109-99-9*	*10/29/12 14:13*	*11/09/12 13:59*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*65 - 130*	*10/29/12 14:13*	*11/09/12 13:59*	*1*
Dibromofluoromethane	*103*		*65 - 130*	*10/29/12 14:13*	*11/09/12 13:59*	*1*
Toluene-d8 (Surr)	*95*		*65 - 130*	*10/29/12 14:13*	*11/09/12 13:59*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.41	0.051	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Acenaphthylene	ND		0.41	0.045	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Acetophenone	ND		0.41	0.035	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Anthracene	ND		0.41	0.031	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Atrazine	ND		0.41	0.029	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Benzaldehyde	ND		0.41	0.072	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Benzo[a]anthracene	ND		0.41	0.033	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Benzo[a]pyrene	ND		0.41	0.064	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Benzo[b]fluoranthene	ND		0.41	0.047	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Benzo[g,h,i]perylene	ND		0.41	0.027	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Benzo[k]fluoranthene	ND		0.41	0.081	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
1,1'-Biphenyl	ND		0.41	0.92	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Bis(2-chloroethoxy)methane	ND		0.41	0.048	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Bis(2-chloroethyl)ether	ND		0.41	0.056	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
bis (2-chloroisopropyl) ether	ND		0.41	0.037	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Bis(2-ethylhexyl) phthalate	ND		0.41	0.036	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
4-Bromophenyl phenyl ether	ND		0.41	0.045	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Butyl benzyl phthalate	ND		0.41	0.032	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Caprolactam	ND		0.41	0.082	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Carbazole	ND		0.41	0.037	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
4-Chloroaniline	ND		0.82	0.064	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
4-Chloro-3-methylphenol	ND		0.41	0.043	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
2-Chloronaphthalene	ND		0.41	0.043	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
2-Chlorophenol	ND		0.41	0.050	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
4-Chlorophenyl phenyl ether	ND		0.41	0.055	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Chrysene	ND		0.41	0.026	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Dibenz(a,h)anthracene	ND		0.41	0.048	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Dibenzofuran	ND		0.41	0.041	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
3,3'-Dichlorobenzidine	ND		0.82	0.035	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
2,4-Dichlorophenol	ND		0.41	0.043	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Diethyl phthalate	ND		0.41	0.046	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
2,4-Dimethylphenol	ND		0.41	0.055	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Dimethyl phthalate	ND		0.41	0.042	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Di-n-butyl phthalate	ND		0.41	0.037	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
4,6-Dinitro-2-methylphenol	ND		2.1	0.21	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: SED-7

Date Collected: 10/26/12 10:30
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-7

Matrix: Solid
Percent Solids: 80.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		2.1	1.0	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
2,4-Dinitrotoluene	ND		0.41	0.061	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
2,6-Dinitrotoluene	ND		0.41	0.052	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Di-n-octyl phthalate	ND		0.41	0.036	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Fluoranthene	ND		0.41	0.040	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Fluorene	ND		0.41	0.045	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Hexachlorobenzene	ND		0.41	0.048	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Hexachlorobutadiene	ND		0.41	0.045	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Hexachlorocyclopentadiene	ND		0.41	0.051	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Hexachloroethane	ND		0.41	0.035	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Indeno[1,2,3-cd]pyrene	ND		0.41	0.035	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Isophorone	ND		0.41	0.041	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
2-Methylnaphthalene	ND		0.41	0.047	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
2-Methylphenol	ND		0.41	0.033	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
3 & 4 Methylphenol	ND		0.41	0.053	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Naphthalene	ND		0.41	0.037	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
2-Nitroaniline	ND		2.1	0.056	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
3-Nitroaniline	ND		2.1	0.057	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
4-Nitroaniline	ND		2.1	0.061	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Nitrobenzene	ND		0.41	0.032	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
2-Nitrophenol	ND		0.41	0.051	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
4-Nitrophenol	ND		2.1	0.41	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
N-Nitrosodi-n-propylamine	ND		0.41	0.040	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
N-Nitrosodiphenylamine	ND		0.41	0.041	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Pentachlorophenol	ND		2.1	0.41	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Phenanthrene	ND		0.41	0.033	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Phenol	ND		0.41	0.042	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
Pyrene	ND		0.41	0.033	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
1,2,4,5-Tetrachlorobenzene	ND		0.41	0.038	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
2,3,4,6-Tetrachlorophenol	ND		0.41	0.027	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
2,4,5-Trichlorophenol	ND		0.41	0.043	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1
2,4,6-Trichlorophenol	ND		0.41	0.036	mg/Kg	☼	10/30/12 16:46	11/10/12 22:56	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*10/30/12 16:46*	*11/10/12 22:56*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*77*		*58 - 130*	*10/30/12 16:46*	*11/10/12 22:56*	*1*
2-Fluorophenol	*79*		*40 - 130*	*10/30/12 16:46*	*11/10/12 22:56*	*1*
Nitrobenzene-d5	*79*		*46 - 130*	*10/30/12 16:46*	*11/10/12 22:56*	*1*
Phenol-d5	*78*		*49 - 130*	*10/30/12 16:46*	*11/10/12 22:56*	*1*
Terphenyl-d14	*82*		*60 - 130*	*10/30/12 16:46*	*11/10/12 22:56*	*1*
2,4,6-Tribromophenol	*75*		*58 - 130*	*10/30/12 16:46*	*11/10/12 22:56*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.2	0.58	mg/Kg	☼	10/29/12 11:14	11/01/12 04:06	1
Arsenic	**0.44**	**B**	0.29	0.12	mg/Kg	☼	10/29/12 11:14	11/01/12 04:06	1
Beryllium	ND		0.058	0.029	mg/Kg	☼	10/29/12 11:14	11/01/12 04:06	1
Cadmium	ND		0.058	0.014	mg/Kg	☼	10/29/12 11:14	11/01/12 04:06	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: SED-7

Date Collected: 10/26/12 10:30
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-7

Matrix: Solid
Percent Solids: 80.4

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**1.2**		0.58	0.29	mg/Kg	☼	10/29/12 11:14	11/01/12 04:06	1
Copper	ND		0.58	0.23	mg/Kg	☼	10/29/12 11:14	11/01/12 04:06	1
Iron	**270**		29	12	mg/Kg	☼	10/29/12 11:14	11/01/12 04:06	1
Lead	**1.2**		0.23	0.12	mg/Kg	☼	10/29/12 11:14	11/01/12 04:06	1
Manganese	**5.5**		1.2	0.58	mg/Kg	☼	10/29/12 11:14	11/01/12 04:06	1
Nickel	**0.50**	**J**	0.58	0.29	mg/Kg	☼	10/29/12 11:14	11/01/12 04:06	1
Selenium	ND		0.58	0.29	mg/Kg	☼	10/29/12 11:14	11/01/12 04:06	1
Silver	ND		0.12	0.058	mg/Kg	☼	10/29/12 11:14	11/01/12 04:06	1
Thallium	ND		0.12	0.029	mg/Kg	☼	10/29/12 11:14	11/01/12 04:06	1
Zinc	**1.3**	**J**	2.3	0.64	mg/Kg	☼	10/29/12 11:14	11/01/12 04:06	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.024	0.0098	mg/Kg	☼	10/30/12 17:45	11/06/12 19:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.37	0.16	mg/Kg	☼	10/31/12 16:21	10/31/12 19:31	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		6.1	1.8	mg/Kg	☼		11/08/12 01:50	5
Sulfate	ND		120	25	mg/Kg	☼		11/08/12 11:55	5

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: SED DUP-2

Date Collected: 10/26/12 00:00
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-8

Matrix: Solid
Percent Solids: 80.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.049	0.011	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
Benzene	ND		0.0049	0.00071	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
Bromochloromethane	ND		0.0049	0.0032	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
Bromodichloromethane	ND		0.0049	0.00094	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
Bromoform	ND		0.0049	0.0015	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
Bromomethane	ND		0.0049	0.0015	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
2-Butanone	ND		0.024	0.0023	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
Carbon disulfide	ND		0.0049	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
Carbon tetrachloride	ND		0.0049	0.00081	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
Chlorobenzene	ND		0.0049	0.00093	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
Chloroethane	ND		0.0049	0.0026	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
Chloroform	ND		0.0049	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
Chloromethane	ND		0.0049	0.00097	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
cis-1,2-Dichloroethene	ND		0.0049	0.0014	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
cis-1,3-Dichloropropene	ND		0.0049	0.00081	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
Cyclohexane	ND		0.0097	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
Dibromochloromethane	ND		0.0049	0.0017	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
1,2-Dibromo-3-Chloropropane	ND		0.0097	0.0043	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
1,2-Dibromoethane	ND		0.0049	0.0015	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
1,2-Dichlorobenzene	ND		0.0049	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
1,3-Dichlorobenzene	ND		0.0049	0.0016	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
1,4-Dichlorobenzene	ND		0.0049	0.00072	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
Dichlorodifluoromethane	ND		0.0049	0.00092	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
1,1-Dichloroethane	ND		0.0049	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
1,2-Dichloroethane	ND		0.0049	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
1,1-Dichloroethene	ND		0.0049	0.0015	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
1,2-Dichloropropane	ND		0.0049	0.00084	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
1,4-Dioxane	ND		0.049	0.049	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
Ethylbenzene	ND		0.0049	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
2-Hexanone	ND		0.024	0.0032	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
Isopropylbenzene	ND		0.0049	0.0018	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
Methyl acetate	ND		0.0097	0.0049	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
Methylcyclohexane	ND		0.0097	0.00084	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
Methylene Chloride	ND		0.0049	0.00095	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
4-Methyl-2-pentanone	ND		0.024	0.0041	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
Methyl tert-butyl ether	ND		0.0097	0.00097	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
m-Xylene & p-Xylene	ND		0.0097	0.0025	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
o-Xylene	ND		0.0049	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
Styrene	ND		0.0049	0.00091	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
1,1,2,2-Tetrachloroethane	ND		0.0049	0.0016	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
Tetrachloroethene	ND		0.0049	0.0018	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
Toluene	ND		0.0049	0.00082	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
trans-1,2-Dichloroethene	ND		0.0049	0.00061	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
trans-1,3-Dichloropropene	ND		0.0049	0.00085	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
1,2,3-Trichlorobenzene	ND		0.0049	0.0016	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
1,2,4-Trichlorobenzene	ND		0.0049	0.00087	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
1,1,1-Trichloroethane	ND		0.0049	0.00057	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
1,1,2-Trichloroethane	ND		0.0049	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
Trichloroethene	ND		0.0049	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1

Client Sample ID: SED DUP-2

Date Collected: 10/26/12 00:00
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-8
Matrix: Solid
Percent Solids: 80.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		0.0049	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0049	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1
Vinyl chloride	ND		0.0049	0.0015	mg/Kg	☼	10/29/12 14:13	11/09/12 14:21	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Silanol, trimethyl-	*0.029*	*T J N*	*mg/Kg*	☼	*2.71*	*1066-40-6*	*10/29/12 14:13*	*11/09/12 14:21*	*1*
Tetrahydrofuran	*0.0021*	*J*	*mg/Kg*	☼	*2.96*	*109-99-9*	*10/29/12 14:13*	*11/09/12 14:21*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*65 - 130*	*10/29/12 14:13*	*11/09/12 14:21*	*1*
Dibromofluoromethane	*101*		*65 - 130*	*10/29/12 14:13*	*11/09/12 14:21*	*1*
Toluene-d8 (Surr)	*95*		*65 - 130*	*10/29/12 14:13*	*11/09/12 14:21*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.41	0.051	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Acenaphthylene	ND		0.41	0.045	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Acetophenone	ND		0.41	0.035	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Anthracene	ND		0.41	0.031	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Atrazine	ND		0.41	0.029	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Benzaldehyde	ND		0.41	0.072	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Benzo[a]anthracene	ND		0.41	0.033	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Benzo[a]pyrene	ND		0.41	0.065	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Benzo[b]fluoranthene	ND		0.41	0.047	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Benzo[g,h,i]perylene	ND		0.41	0.027	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Benzo[k]fluoranthene	ND		0.41	0.081	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
1,1'-Biphenyl	ND		0.41	0.92	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Bis(2-chloroethoxy)methane	ND		0.41	0.048	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Bis(2-chloroethyl)ether	ND		0.41	0.056	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
bis (2-chloroisopropyl) ether	ND		0.41	0.037	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Bis(2-ethylhexyl) phthalate	ND		0.41	0.036	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
4-Bromophenyl phenyl ether	ND		0.41	0.045	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Butyl benzyl phthalate	ND		0.41	0.032	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Caprolactam	ND		0.41	0.082	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Carbazole	ND		0.41	0.037	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
4-Chloroaniline	ND		0.82	0.065	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
4-Chloro-3-methylphenol	ND		0.41	0.043	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
2-Chloronaphthalene	ND		0.41	0.043	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
2-Chlorophenol	ND		0.41	0.050	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
4-Chlorophenyl phenyl ether	ND		0.41	0.055	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Chrysene	ND		0.41	0.026	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Dibenz(a,h)anthracene	ND		0.41	0.048	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Dibenzofuran	ND		0.41	0.041	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
3,3'-Dichlorobenzidine	ND		0.82	0.035	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
2,4-Dichlorophenol	ND		0.41	0.043	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Diethyl phthalate	ND		0.41	0.046	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
2,4-Dimethylphenol	ND		0.41	0.055	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Dimethyl phthalate	ND		0.41	0.042	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Di-n-butyl phthalate	ND		0.41	0.037	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
4,6-Dinitro-2-methylphenol	ND		2.1	0.21	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: SED DUP-2

Date Collected: 10/26/12 00:00
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-8

Matrix: Solid
Percent Solids: 80.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		2.1	1.0	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
2,4-Dinitrotoluene	ND		0.41	0.061	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
2,6-Dinitrotoluene	ND		0.41	0.052	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Di-n-octyl phthalate	ND		0.41	0.036	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Fluoranthene	ND		0.41	0.040	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Fluorene	ND		0.41	0.045	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Hexachlorobenzene	ND		0.41	0.048	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Hexachlorobutadiene	ND		0.41	0.045	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Hexachlorocyclopentadiene	ND		0.41	0.051	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Hexachloroethane	ND		0.41	0.035	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Indeno[1,2,3-cd]pyrene	ND		0.41	0.035	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Isophorone	ND		0.41	0.041	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
2-Methylnaphthalene	ND		0.41	0.047	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
2-Methylphenol	ND		0.41	0.033	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
3 & 4 Methylphenol	ND		0.41	0.053	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Naphthalene	ND		0.41	0.037	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
2-Nitroaniline	ND		2.1	0.056	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
3-Nitroaniline	ND		2.1	0.057	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
4-Nitroaniline	ND		2.1	0.061	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Nitrobenzene	ND		0.41	0.032	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
2-Nitrophenol	ND		0.41	0.051	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
4-Nitrophenol	ND		2.1	0.41	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
N-Nitrosodi-n-propylamine	ND		0.41	0.040	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
N-Nitrosodiphenylamine	ND		0.41	0.041	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Pentachlorophenol	ND		2.1	0.41	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Phenanthrene	ND		0.41	0.033	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Phenol	ND		0.41	0.042	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
Pyrene	ND		0.41	0.033	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
1,2,4,5-Tetrachlorobenzene	ND		0.41	0.038	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
2,3,4,6-Tetrachlorophenol	ND		0.41	0.027	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
2,4,5-Trichlorophenol	ND		0.41	0.043	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1
2,4,6-Trichlorophenol	ND		0.41	0.036	mg/Kg	☼	10/30/12 16:46	11/10/12 23:23	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Oleic Acid	*0.57*	*T J N*	*mg/Kg*	☼	*11.42*	*112-80-1*	*10/30/12 16:46*	*11/10/12 23:23*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*66*		*58 - 130*	*10/30/12 16:46*	*11/10/12 23:23*	*1*
2-Fluorophenol	*68*		*40 - 130*	*10/30/12 16:46*	*11/10/12 23:23*	*1*
Nitrobenzene-d5	*65*		*46 - 130*	*10/30/12 16:46*	*11/10/12 23:23*	*1*
Phenol-d5	*69*		*49 - 130*	*10/30/12 16:46*	*11/10/12 23:23*	*1*
Terphenyl-d14	*76*		*60 - 130*	*10/30/12 16:46*	*11/10/12 23:23*	*1*
2,4,6-Tribromophenol	*73*		*58 - 130*	*10/30/12 16:46*	*11/10/12 23:23*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.2	0.58	mg/Kg	☼	10/29/12 11:14	11/01/12 04:13	1
Arsenic	**0.61**	**B**	0.29	0.12	mg/Kg	☼	10/29/12 11:14	11/01/12 04:13	1
Beryllium	ND		0.058	0.029	mg/Kg	☼	10/29/12 11:14	11/01/12 04:13	1
Cadmium	ND		0.058	0.014	mg/Kg	☼	10/29/12 11:14	11/01/12 04:13	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: SED DUP-2

Date Collected: 10/26/12 00:00
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-8

Matrix: Solid
Percent Solids: 80.6

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**1.6**		0.58	0.29	mg/Kg	☼	10/29/12 11:14	11/01/12 04:13	1
Copper	ND		0.58	0.23	mg/Kg	☼	10/29/12 11:14	11/01/12 04:13	1
Iron	**310**		29	12	mg/Kg	☼	10/29/12 11:14	11/01/12 04:13	1
Lead	**1.8**		0.23	0.12	mg/Kg	☼	10/29/12 11:14	11/01/12 04:13	1
Manganese	**7.0**		1.2	0.58	mg/Kg	☼	10/29/12 11:14	11/01/12 04:13	1
Nickel	**0.50**	**J**	0.58	0.29	mg/Kg	☼	10/29/12 11:14	11/01/12 04:13	1
Selenium	ND		0.58	0.29	mg/Kg	☼	10/29/12 11:14	11/01/12 04:13	1
Silver	ND		0.12	0.058	mg/Kg	☼	10/29/12 11:14	11/01/12 04:13	1
Thallium	ND		0.12	0.029	mg/Kg	☼	10/29/12 11:14	11/01/12 04:13	1
Zinc	**1.3**	**J**	2.3	0.64	mg/Kg	☼	10/29/12 11:14	11/01/12 04:13	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.022	0.0091	mg/Kg	☼	10/30/12 17:45	11/06/12 19:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.37	0.16	mg/Kg	☼	10/31/12 16:21	10/31/12 19:31	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		6.1	1.8	mg/Kg	☼		11/08/12 02:05	5
Sulfate	ND		120	24	mg/Kg	☼		11/08/12 12:07	5

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: BG DUP-1

Date Collected: 10/26/12 00:00
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-9

Matrix: Solid
Percent Solids: 81.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.047	0.010	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
Benzene	ND		0.0047	0.00069	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
Bromochloromethane	ND		0.0047	0.0031	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
Bromodichloromethane	ND		0.0047	0.00092	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
Bromoform	ND		0.0047	0.0014	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
Bromomethane	ND		0.0047	0.0014	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
2-Butanone	ND		0.024	0.0023	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
Carbon disulfide	ND		0.0047	0.0010	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
Carbon tetrachloride	ND		0.0047	0.00079	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
Chlorobenzene	ND		0.0047	0.00091	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
Chloroethane	ND		0.0047	0.0026	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
Chloroform	ND		0.0047	0.0010	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
Chloromethane	ND		0.0047	0.00095	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
cis-1,2-Dichloroethene	ND		0.0047	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
cis-1,3-Dichloropropene	ND		0.0047	0.00079	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
Cyclohexane	ND		0.0095	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
Dibromochloromethane	ND		0.0047	0.0016	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
1,2-Dibromo-3-Chloropropane	ND		0.0095	0.0042	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
1,2-Dibromoethane	ND		0.0047	0.0014	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
1,2-Dichlorobenzene	ND		0.0047	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
1,3-Dichlorobenzene	ND		0.0047	0.0015	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
1,4-Dichlorobenzene	ND		0.0047	0.00070	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
Dichlorodifluoromethane	ND		0.0047	0.00089	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
1,1-Dichloroethane	ND		0.0047	0.0010	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
1,2-Dichloroethane	ND		0.0047	0.0010	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
1,1-Dichloroethene	ND		0.0047	0.0014	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
1,2-Dichloropropane	ND		0.0047	0.00082	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
1,4-Dioxane	ND		0.047	0.047	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
Ethylbenzene	ND		0.0047	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
2-Hexanone	ND		0.024	0.0031	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
Isopropylbenzene	ND		0.0047	0.0018	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
Methyl acetate	ND		0.0095	0.0047	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
Methylcyclohexane	ND		0.0095	0.00082	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
Methylene Chloride	ND		0.0047	0.00093	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
4-Methyl-2-pentanone	ND		0.024	0.0040	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
Methyl tert-butyl ether	ND		0.0095	0.00095	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
m-Xylene & p-Xylene	ND		0.0095	0.0025	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
o-Xylene	ND		0.0047	0.0010	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
Styrene	ND		0.0047	0.00088	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
1,1,2,2-Tetrachloroethane	ND		0.0047	0.0015	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
Tetrachloroethene	ND		0.0047	0.0018	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
Toluene	ND		0.0047	0.00080	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
trans-1,2-Dichloroethene	ND		0.0047	0.00060	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
trans-1,3-Dichloropropene	ND		0.0047	0.00083	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
1,2,3-Trichlorobenzene	ND		0.0047	0.0015	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
1,2,4-Trichlorobenzene	ND		0.0047	0.00085	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
1,1,1-Trichloroethane	ND		0.0047	0.00056	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
1,1,2-Trichloroethane	ND		0.0047	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
Trichloroethene	ND		0.0047	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1

Client Sample ID: BG DUP-1

Date Collected: 10/26/12 00:00
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-9
Matrix: Solid
Percent Solids: 81.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		0.0047	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0047	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1
Vinyl chloride	ND		0.0047	0.0014	mg/Kg	☼	10/29/12 14:13	11/09/12 14:44	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrahydrofuran	*0.0024*	*J*	*mg/Kg*	☼	*2.96*	*109-99-9*	*10/29/12 14:13*	*11/09/12 14:44*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*65 - 130*	*10/29/12 14:13*	*11/09/12 14:44*	*1*
Dibromofluoromethane	*104*		*65 - 130*	*10/29/12 14:13*	*11/09/12 14:44*	*1*
Toluene-d8 (Surr)	*94*		*65 - 130*	*10/29/12 14:13*	*11/09/12 14:44*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.40	0.050	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Acenaphthylene	ND		0.40	0.044	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Acetophenone	ND		0.40	0.034	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Anthracene	ND		0.40	0.030	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Atrazine	ND		0.40	0.028	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Benzaldehyde	ND		0.40	0.071	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Benzo[a]anthracene	ND		0.40	0.033	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Benzo[a]pyrene	ND		0.40	0.063	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Benzo[b]fluoranthene	ND		0.40	0.046	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Benzo[g,h,i]perylene	ND		0.40	0.027	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Benzo[k]fluoranthene	ND		0.40	0.079	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
1,1'-Biphenyl	ND		0.40	0.90	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Bis(2-chloroethoxy)methane	ND		0.40	0.048	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Bis(2-chloroethyl)ether	ND		0.40	0.055	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
bis (2-chloroisopropyl) ether	ND		0.40	0.037	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Bis(2-ethylhexyl) phthalate	ND		0.40	0.035	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
4-Bromophenyl phenyl ether	ND		0.40	0.044	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Butyl benzyl phthalate	ND		0.40	0.032	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Caprolactam	ND		0.40	0.080	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Carbazole	ND		0.40	0.037	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
4-Chloroaniline	ND		0.80	0.063	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
4-Chloro-3-methylphenol	ND		0.40	0.043	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
2-Chloronaphthalene	ND		0.40	0.043	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
2-Chlorophenol	ND		0.40	0.049	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
4-Chlorophenyl phenyl ether	ND		0.40	0.054	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Chrysene	ND		0.40	0.026	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Dibenz(a,h)anthracene	ND		0.40	0.048	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Dibenzofuran	ND		0.40	0.040	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
3,3'-Dichlorobenzidine	ND		0.80	0.034	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
2,4-Dichlorophenol	ND		0.40	0.043	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Diethyl phthalate	ND		0.40	0.045	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
2,4-Dimethylphenol	ND		0.40	0.054	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Dimethyl phthalate	ND		0.40	0.041	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Di-n-butyl phthalate	ND		0.40	0.037	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
4,6-Dinitro-2-methylphenol	ND		2.1	0.21	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
2,4-Dinitrophenol	ND		2.1	1.0	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: BG DUP-1

Date Collected: 10/26/12 00:00
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-9

Matrix: Solid
Percent Solids: 81.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		0.40	0.060	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
2,6-Dinitrotoluene	ND		0.40	0.051	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Di-n-octyl phthalate	ND		0.40	0.035	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Fluoranthene	ND		0.40	0.039	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Fluorene	ND		0.40	0.044	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Hexachlorobenzene	ND		0.40	0.048	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Hexachlorobutadiene	ND		0.40	0.044	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Hexachlorocyclopentadiene	ND		0.40	0.050	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Hexachloroethane	ND		0.40	0.034	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Indeno[1,2,3-cd]pyrene	ND		0.40	0.034	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Isophorone	ND		0.40	0.040	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
2-Methylnaphthalene	ND		0.40	0.046	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
2-Methylphenol	ND		0.40	0.033	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
3 & 4 Methylphenol	ND		0.40	0.052	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Naphthalene	ND		0.40	0.037	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
2-Nitroaniline	ND		2.1	0.055	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
3-Nitroaniline	ND		2.1	0.056	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
4-Nitroaniline	ND		2.1	0.060	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Nitrobenzene	ND		0.40	0.032	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
2-Nitrophenol	ND		0.40	0.050	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
4-Nitrophenol	ND		2.1	0.40	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
N-Nitrosodi-n-propylamine	ND		0.40	0.039	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
N-Nitrosodiphenylamine	ND		0.40	0.040	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Pentachlorophenol	ND		2.1	0.40	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Phenanthrene	ND		0.40	0.033	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Phenol	ND		0.40	0.041	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
Pyrene	ND		0.40	0.033	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
1,2,4,5-Tetrachlorobenzene	ND		0.40	0.038	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
2,3,4,6-Tetrachlorophenol	ND		0.40	0.027	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
2,4,5-Trichlorophenol	ND		0.40	0.043	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1
2,4,6-Trichlorophenol	ND		0.40	0.035	mg/Kg	☼	10/30/12 16:46	11/10/12 23:51	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Safrole, Total	*0.11*	*J*	*mg/Kg*	☼	*7.07*	*94-59-7*	*10/30/12 16:46*	*11/10/12 23:51*	*1*
Oleic Acid	*0.32*	*T J N*	*mg/Kg*	☼	*11.41*	*112-80-1*	*10/30/12 16:46*	*11/10/12 23:51*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*71*		*58 - 130*	*10/30/12 16:46*	*11/10/12 23:51*	*1*
2-Fluorophenol	*73*		*40 - 130*	*10/30/12 16:46*	*11/10/12 23:51*	*1*
Nitrobenzene-d5	*70*		*46 - 130*	*10/30/12 16:46*	*11/10/12 23:51*	*1*
Phenol-d5	*73*		*49 - 130*	*10/30/12 16:46*	*11/10/12 23:51*	*1*
Terphenyl-d14	*81*		*60 - 130*	*10/30/12 16:46*	*11/10/12 23:51*	*1*
2,4,6-Tribromophenol	*74*		*58 - 130*	*10/30/12 16:46*	*11/10/12 23:51*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.2	0.60	mg/Kg	☼	10/29/12 11:14	11/01/12 04:35	1
Arsenic	**0.53**	**B**	0.30	0.12	mg/Kg	☼	10/29/12 11:14	11/01/12 04:35	1
Beryllium	**0.030**	**J**	0.060	0.030	mg/Kg	☼	10/29/12 11:14	11/01/12 04:35	1
Cadmium	**0.016**	**J**	0.060	0.014	mg/Kg	☼	10/29/12 11:14	11/01/12 04:35	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: BG DUP-1

Date Collected: 10/26/12 00:00
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-9

Matrix: Solid
Percent Solids: 81.8

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	1.9		0.60	0.30	mg/Kg	☼	10/29/12 11:14	11/01/12 04:35	1
Copper	0.28	J	0.60	0.24	mg/Kg	☼	10/29/12 11:14	11/01/12 04:35	1
Iron	1500		30	12	mg/Kg	☼	10/29/12 11:14	11/01/12 04:35	1
Lead	1.6		0.24	0.12	mg/Kg	☼	10/29/12 11:14	11/01/12 04:35	1
Manganese	2.9		1.2	0.60	mg/Kg	☼	10/29/12 11:14	11/01/12 04:35	1
Nickel	0.70		0.60	0.30	mg/Kg	☼	10/29/12 11:14	11/01/12 04:35	1
Selenium	ND		0.60	0.30	mg/Kg	☼	10/29/12 11:14	11/01/12 04:35	1
Silver	ND		0.12	0.060	mg/Kg	☼	10/29/12 11:14	11/01/12 04:35	1
Thallium	ND		0.12	0.030	mg/Kg	☼	10/29/12 11:14	11/01/12 04:35	1
Zinc	1.4	J	2.4	0.66	mg/Kg	☼	10/29/12 11:14	11/01/12 04:35	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.024	0.0098	mg/Kg	☼	10/30/12 17:45	11/06/12 19:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.94		0.37	0.16	mg/Kg	☼	10/31/12 16:21	10/31/12 19:31	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		6.0	1.8	mg/Kg	☼		11/08/12 02:21	5
Sulfate	ND		120	24	mg/Kg	☼		11/08/12 12:20	5

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: BG-6

Date Collected: 10/26/12 12:00
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-10

Matrix: Solid
Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.038	0.0083	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
Benzene	ND		0.0038	0.00055	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
Bromochloromethane	ND		0.0038	0.0025	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
Bromodichloromethane	ND		0.0038	0.00073	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
Bromoform	ND		0.0038	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
Bromomethane	ND		0.0038	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
2-Butanone	ND		0.019	0.0018	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
Carbon disulfide	ND		0.0038	0.00083	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
Carbon tetrachloride	ND		0.0038	0.00062	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
Chlorobenzene	ND		0.0038	0.00072	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
Chloroethane	ND		0.0038	0.0020	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
Chloroform	ND		0.0038	0.00083	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
Chloromethane	ND		0.0038	0.00075	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
cis-1,2-Dichloroethene	ND		0.0038	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
cis-1,3-Dichloropropene	ND		0.0038	0.00062	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
Cyclohexane	ND		0.0075	0.00098	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
Dibromochloromethane	ND		0.0038	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
1,2-Dibromo-3-Chloropropane	ND		0.0075	0.0033	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
1,2-Dibromoethane	ND		0.0038	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
1,2-Dichlorobenzene	ND		0.0038	0.00098	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
1,3-Dichlorobenzene	ND		0.0038	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
1,4-Dichlorobenzene	ND		0.0038	0.00056	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
Dichlorodifluoromethane	ND		0.0038	0.00071	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
1,1-Dichloroethane	ND		0.0038	0.00083	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
1,2-Dichloroethane	ND		0.0038	0.00083	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
1,1-Dichloroethene	ND		0.0038	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
1,2-Dichloropropane	ND		0.0038	0.00065	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
1,4-Dioxane	ND		0.038	0.038	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
Ethylbenzene	ND		0.0038	0.00098	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
2-Hexanone	ND		0.019	0.0025	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
Isopropylbenzene	ND		0.0038	0.0014	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
Methyl acetate	ND		0.0075	0.0038	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
Methylcyclohexane	ND		0.0075	0.00065	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
Methylene Chloride	ND		0.0038	0.00074	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
4-Methyl-2-pentanone	ND		0.019	0.0032	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
Methyl tert-butyl ether	ND		0.0075	0.00075	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
m-Xylene & p-Xylene	**0.0022**	**J**	0.0075	0.0020	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
o-Xylene	ND		0.0038	0.00083	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
Styrene	ND		0.0038	0.00070	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
1,1,2,2-Tetrachloroethane	ND		0.0038	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
Tetrachloroethene	ND		0.0038	0.0014	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
Toluene	ND		0.0038	0.00063	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
trans-1,2-Dichloroethene	ND		0.0038	0.00047	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
trans-1,3-Dichloropropene	ND		0.0038	0.00065	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
1,2,3-Trichlorobenzene	ND		0.0038	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
1,2,4-Trichlorobenzene	ND		0.0038	0.00067	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
1,1,1-Trichloroethane	ND		0.0038	0.00044	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
1,1,2-Trichloroethane	ND		0.0038	0.00098	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
Trichloroethene	ND		0.0038	0.00098	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1

Client Sample ID: BG-6

Date Collected: 10/26/12 12:00
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-10

Matrix: Solid
Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		0.0038	0.00090	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0038	0.00098	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1
Vinyl chloride	ND		0.0038	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 20:52	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*10/29/12 14:13*	*11/09/12 20:52*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*65 - 130*	*10/29/12 14:13*	*11/09/12 20:52*	*1*
Dibromofluoromethane	*110*		*65 - 130*	*10/29/12 14:13*	*11/09/12 20:52*	*1*
Toluene-d8 (Surr)	*97*		*65 - 130*	*10/29/12 14:13*	*11/09/12 20:52*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.40	0.050	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Acenaphthylene	ND		0.40	0.044	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Acetophenone	ND		0.40	0.034	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Anthracene	ND		0.40	0.030	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Atrazine	ND		0.40	0.028	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Benzaldehyde	ND		0.40	0.070	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Benzo[a]anthracene	ND		0.40	0.033	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Benzo[a]pyrene	ND		0.40	0.063	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Benzo[b]fluoranthene	ND		0.40	0.046	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Benzo[g,h,i]perylene	ND		0.40	0.027	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Benzo[k]fluoranthene	ND		0.40	0.079	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
1,1'-Biphenyl	ND		0.40	0.90	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Bis(2-chloroethoxy)methane	ND		0.40	0.047	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Bis(2-chloroethyl)ether	ND		0.40	0.055	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
bis (2-chloroisopropyl) ether	ND		0.40	0.036	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Bis(2-ethylhexyl) phthalate	ND		0.40	0.035	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
4-Bromophenyl phenyl ether	ND		0.40	0.044	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Butyl benzyl phthalate	ND		0.40	0.032	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Caprolactam	ND		0.40	0.080	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Carbazole	ND		0.40	0.036	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
4-Chloroaniline	ND		0.80	0.063	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
4-Chloro-3-methylphenol	ND		0.40	0.042	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
2-Chloronaphthalene	ND		0.40	0.042	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
2-Chlorophenol	ND		0.40	0.049	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
4-Chlorophenyl phenyl ether	ND		0.40	0.053	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Chrysene	ND		0.40	0.025	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Dibenz(a,h)anthracene	ND		0.40	0.047	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Dibenzofuran	ND		0.40	0.040	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
3,3'-Dichlorobenzidine	ND		0.80	0.034	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
2,4-Dichlorophenol	ND		0.40	0.042	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Diethyl phthalate	ND		0.40	0.045	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
2,4-Dimethylphenol	ND		0.40	0.053	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Dimethyl phthalate	ND		0.40	0.041	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Di-n-butyl phthalate	ND		0.40	0.036	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
4,6-Dinitro-2-methylphenol	ND		2.1	0.21	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
2,4-Dinitrophenol	ND		2.1	1.0	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: BG-6

Date Collected: 10/26/12 12:00
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-10

Matrix: Solid
Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	**0.079**	**J**	0.40	0.059	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
2,6-Dinitrotoluene	ND		0.40	0.051	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Di-n-octyl phthalate	ND		0.40	0.035	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Fluoranthene	ND		0.40	0.039	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Fluorene	ND		0.40	0.044	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Hexachlorobenzene	ND		0.40	0.047	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Hexachlorobutadiene	ND		0.40	0.044	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Hexachlorocyclopentadiene	ND		0.40	0.050	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Hexachloroethane	ND		0.40	0.034	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Indeno[1,2,3-cd]pyrene	ND		0.40	0.034	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Isophorone	ND		0.40	0.040	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
2-Methylnaphthalene	ND		0.40	0.046	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
2-Methylphenol	ND		0.40	0.033	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
3 & 4 Methylphenol	ND		0.40	0.052	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Naphthalene	ND		0.40	0.036	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
2-Nitroaniline	ND		2.1	0.055	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
3-Nitroaniline	ND		2.1	0.056	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
4-Nitroaniline	ND		2.1	0.059	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Nitrobenzene	ND		0.40	0.032	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
2-Nitrophenol	ND		0.40	0.050	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
4-Nitrophenol	ND		2.1	0.40	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
N-Nitrosodi-n-propylamine	ND		0.40	0.039	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
N-Nitrosodiphenylamine	ND		0.40	0.040	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Pentachlorophenol	ND		2.1	0.40	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Phenanthrene	ND		0.40	0.033	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Phenol	ND		0.40	0.041	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
Pyrene	ND		0.40	0.033	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
1,2,4,5-Tetrachlorobenzene	ND		0.40	0.038	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
2,3,4,6-Tetrachlorophenol	ND		0.40	0.027	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
2,4,5-Trichlorophenol	ND		0.40	0.042	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1
2,4,6-Trichlorophenol	ND		0.40	0.035	mg/Kg	☼	10/30/12 16:46	11/08/12 21:16	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimet	*0.96*	*T J N*	*mg/Kg*	☼	*6.31*	*464-48-2*	*10/30/12 16:46*	*11/08/12 21:16*	*1*
Benzene, 1-methoxy-4-(2-propenyl)-	*0.17*	*T J N*	*mg/Kg*	☼	*6.58*	*140-67-0*	*10/30/12 16:46*	*11/08/12 21:16*	*1*
Phenol, 2-methoxy-4-(1-propenyl)-	*0.32*	*T J N*	*mg/Kg*	☼	*7.38*	*97-54-1*	*10/30/12 16:46*	*11/08/12 21:16*	*1*
Benzene, 1,2-dimethoxy-4-(2-propenyl)-	*3.6*	*T J N*	*mg/Kg*	☼	*7.57*	*93-15-2*	*10/30/12 16:46*	*11/08/12 21:16*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*52*	*X*	*58 - 130*	*10/30/12 16:46*	*11/08/12 21:16*	*1*
2-Fluorophenol	*53*		*40 - 130*	*10/30/12 16:46*	*11/08/12 21:16*	*1*
Nitrobenzene-d5	*52*		*46 - 130*	*10/30/12 16:46*	*11/08/12 21:16*	*1*
Phenol-d5	*53*		*49 - 130*	*10/30/12 16:46*	*11/08/12 21:16*	*1*
Terphenyl-d14	*62*		*60 - 130*	*10/30/12 16:46*	*11/08/12 21:16*	*1*
2,4,6-Tribromophenol	*59*		*58 - 130*	*10/30/12 16:46*	*11/08/12 21:16*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.2	0.60	mg/Kg	☼	10/29/12 11:14	11/01/12 04:43	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: BG-6

Date Collected: 10/26/12 12:00
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-10

Matrix: Solid
Percent Solids: 81.1

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.53**	**B**	0.30	0.12	mg/Kg	☼	10/29/12 11:14	11/01/12 04:43	1
Beryllium	ND		0.060	0.030	mg/Kg	☼	10/29/12 11:14	11/01/12 04:43	1
Cadmium	ND		0.060	0.014	mg/Kg	☼	10/29/12 11:14	11/01/12 04:43	1
Chromium	**1.8**		0.60	0.30	mg/Kg	☼	10/29/12 11:14	11/01/12 04:43	1
Copper	**0.27**	**J**	0.60	0.24	mg/Kg	☼	10/29/12 11:14	11/01/12 04:43	1
Iron	**1300**		30	12	mg/Kg	☼	10/29/12 11:14	11/01/12 04:43	1
Lead	**1.5**		0.24	0.12	mg/Kg	☼	10/29/12 11:14	11/01/12 04:43	1
Manganese	**3.3**		1.2	0.60	mg/Kg	☼	10/29/12 11:14	11/01/12 04:43	1
Nickel	**0.73**		0.60	0.30	mg/Kg	☼	10/29/12 11:14	11/01/12 04:43	1
Selenium	ND		0.60	0.30	mg/Kg	☼	10/29/12 11:14	11/01/12 04:43	1
Silver	ND		0.12	0.060	mg/Kg	☼	10/29/12 11:14	11/01/12 04:43	1
Thallium	ND		0.12	0.030	mg/Kg	☼	10/29/12 11:14	11/01/12 04:43	1
Zinc	**2.2**	**J**	2.4	0.66	mg/Kg	☼	10/29/12 11:14	11/01/12 04:43	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.023	0.0094	mg/Kg	☼	10/30/12 17:45	11/06/12 19:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	**1.0**		0.37	0.16	mg/Kg	☼	10/31/12 16:21	10/31/12 19:31	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		6.1	1.8	mg/Kg	☼		11/08/12 02:36	5
Sulfate	ND		120	24	mg/Kg	☼		11/08/12 12:32	5

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: BG-7

Date Collected: 10/26/12 12:15
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-11

Matrix: Solid
Percent Solids: 87.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.048	0.011	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
Benzene	ND		0.0048	0.00070	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
Bromochloromethane	ND		0.0048	0.0032	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
Bromodichloromethane	ND		0.0048	0.00093	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
Bromoform	ND		0.0048	0.0014	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
Bromomethane	ND		0.0048	0.0014	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
2-Butanone	ND		0.024	0.0023	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
Carbon disulfide	ND		0.0048	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
Carbon tetrachloride	ND		0.0048	0.00080	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
Chlorobenzene	ND		0.0048	0.00092	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
Chloroethane	ND		0.0048	0.0026	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
Chloroform	ND		0.0048	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
Chloromethane	ND		0.0048	0.00096	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
cis-1,2-Dichloroethene	ND		0.0048	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
cis-1,3-Dichloropropene	ND		0.0048	0.00080	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
Cyclohexane	ND		0.0096	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
Dibromochloromethane	ND		0.0048	0.0016	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
1,2-Dibromo-3-Chloropropane	ND		0.0096	0.0042	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
1,2-Dibromoethane	ND		0.0048	0.0014	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
1,2-Dichlorobenzene	ND		0.0048	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
1,3-Dichlorobenzene	ND		0.0048	0.0015	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
1,4-Dichlorobenzene	ND		0.0048	0.00071	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
Dichlorodifluoromethane	ND		0.0048	0.00090	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
1,1-Dichloroethane	ND		0.0048	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
1,2-Dichloroethane	ND		0.0048	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
1,1-Dichloroethene	ND		0.0048	0.0014	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
1,2-Dichloropropane	ND		0.0048	0.00083	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
1,4-Dioxane	ND		0.048	0.048	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
Ethylbenzene	ND		0.0048	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
2-Hexanone	ND		0.024	0.0032	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
Isopropylbenzene	ND		0.0048	0.0018	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
Methyl acetate	ND		0.0096	0.0048	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
Methylcyclohexane	ND		0.0096	0.00083	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
Methylene Chloride	ND		0.0048	0.00094	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
4-Methyl-2-pentanone	ND		0.024	0.0040	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
Methyl tert-butyl ether	ND		0.0096	0.00096	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
m-Xylene & p-Xylene	ND		0.0096	0.0025	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
o-Xylene	ND		0.0048	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
Styrene	ND		0.0048	0.00089	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
1,1,2,2-Tetrachloroethane	ND		0.0048	0.0015	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
Tetrachloroethene	ND		0.0048	0.0018	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
Toluene	ND		0.0048	0.00081	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
trans-1,2-Dichloroethene	ND		0.0048	0.00060	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
trans-1,3-Dichloropropene	ND		0.0048	0.00083	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
1,2,3-Trichlorobenzene	ND		0.0048	0.0015	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
1,2,4-Trichlorobenzene	ND		0.0048	0.00085	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
1,1,1-Trichloroethane	ND		0.0048	0.00057	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
1,1,2-Trichloroethane	ND		0.0048	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
Trichloroethene	ND		0.0048	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1

Client Sample ID: BG-7

Lab Sample ID: 680-84192-11

Date Collected: 10/26/12 12:15
Matrix: Solid
Date Received: 10/27/12 10:41
Percent Solids: 87.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		0.0048	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0048	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1
Vinyl chloride	ND		0.0048	0.0014	mg/Kg	☼	10/29/12 14:13	11/09/12 16:53	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrahydrofuran	*0.0027*	*J*	*mg/Kg*	☼	*2.96*	*109-99-9*	*10/29/12 14:13*	*11/09/12 16:53*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*65 - 130*	*10/29/12 14:13*	*11/09/12 16:53*	*1*
Dibromofluoromethane	*103*		*65 - 130*	*10/29/12 14:13*	*11/09/12 16:53*	*1*
Toluene-d8 (Surr)	*94*		*65 - 130*	*10/29/12 14:13*	*11/09/12 16:53*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.38	0.047	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Acenaphthylene	ND		0.38	0.041	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Acetophenone	ND		0.38	0.032	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Anthracene	ND		0.38	0.028	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Atrazine	ND		0.38	0.026	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Benzaldehyde	ND		0.38	0.066	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Benzo[a]anthracene	ND		0.38	0.031	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Benzo[a]pyrene	ND		0.38	0.059	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Benzo[b]fluoranthene	ND		0.38	0.043	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Benzo[g,h,i]perylene	ND		0.38	0.025	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Benzo[k]fluoranthene	ND		0.38	0.074	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
1,1'-Biphenyl	ND		0.38	0.84	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Bis(2-chloroethoxy)methane	ND		0.38	0.044	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Bis(2-chloroethyl)ether	ND		0.38	0.051	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
bis (2-chloroisopropyl) ether	ND		0.38	0.034	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Bis(2-ethylhexyl) phthalate	ND		0.38	0.033	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
4-Bromophenyl phenyl ether	ND		0.38	0.041	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Butyl benzyl phthalate	ND		0.38	0.030	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Caprolactam	ND		0.38	0.075	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Carbazole	ND		0.38	0.034	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
4-Chloroaniline	ND		0.75	0.059	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
4-Chloro-3-methylphenol	ND		0.38	0.040	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
2-Chloronaphthalene	ND		0.38	0.040	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
2-Chlorophenol	ND		0.38	0.046	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
4-Chlorophenyl phenyl ether	ND		0.38	0.050	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Chrysene	ND		0.38	0.024	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Dibenz(a,h)anthracene	ND		0.38	0.044	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Dibenzofuran	ND		0.38	0.038	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
3,3'-Dichlorobenzidine	ND		0.75	0.032	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
2,4-Dichlorophenol	ND		0.38	0.040	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Diethyl phthalate	ND		0.38	0.042	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
2,4-Dimethylphenol	ND		0.38	0.050	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Dimethyl phthalate	ND		0.38	0.039	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Di-n-butyl phthalate	ND		0.38	0.034	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
4,6-Dinitro-2-methylphenol	ND		1.9	0.19	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
2,4-Dinitrophenol	ND		1.9	0.94	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: BG-7

Date Collected: 10/26/12 12:15
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-11

Matrix: Solid
Percent Solids: 87.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		0.38	0.056	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
2,6-Dinitrotoluene	ND		0.38	0.048	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Di-n-octyl phthalate	ND		0.38	0.033	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Fluoranthene	ND		0.38	0.036	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Fluorene	ND		0.38	0.041	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Hexachlorobenzene	ND		0.38	0.044	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Hexachlorobutadiene	ND		0.38	0.041	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Hexachlorocyclopentadiene	ND		0.38	0.047	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Hexachloroethane	ND		0.38	0.032	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Indeno[1,2,3-cd]pyrene	ND		0.38	0.032	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Isophorone	ND		0.38	0.038	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
2-Methylnaphthalene	ND		0.38	0.043	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
2-Methylphenol	ND		0.38	0.031	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
3 & 4 Methylphenol	ND		0.38	0.049	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Naphthalene	ND		0.38	0.034	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
2-Nitroaniline	ND		1.9	0.051	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
3-Nitroaniline	ND		1.9	0.052	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
4-Nitroaniline	ND		1.9	0.056	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Nitrobenzene	ND		0.38	0.030	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
2-Nitrophenol	ND		0.38	0.047	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
4-Nitrophenol	ND		1.9	0.38	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
N-Nitrosodi-n-propylamine	ND		0.38	0.036	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
N-Nitrosodiphenylamine	ND		0.38	0.038	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Pentachlorophenol	ND		1.9	0.38	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Phenanthrene	ND		0.38	0.031	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Phenol	ND		0.38	0.039	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
Pyrene	ND		0.38	0.031	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
1,2,4,5-Tetrachlorobenzene	ND		0.38	0.035	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
2,3,4,6-Tetrachlorophenol	ND		0.38	0.025	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
2,4,5-Trichlorophenol	ND		0.38	0.040	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1
2,4,6-Trichlorophenol	ND		0.38	0.033	mg/Kg	☼	10/30/12 16:46	11/11/12 00:18	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*10/30/12 16:46*	*11/11/12 00:18*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*68*		*58 - 130*	*10/30/12 16:46*	*11/11/12 00:18*	*1*
2-Fluorophenol	*69*		*40 - 130*	*10/30/12 16:46*	*11/11/12 00:18*	*1*
Nitrobenzene-d5	*62*		*46 - 130*	*10/30/12 16:46*	*11/11/12 00:18*	*1*
Phenol-d5	*65*		*49 - 130*	*10/30/12 16:46*	*11/11/12 00:18*	*1*
Terphenyl-d14	*76*		*60 - 130*	*10/30/12 16:46*	*11/11/12 00:18*	*1*
2,4,6-Tribromophenol	*68*		*58 - 130*	*10/30/12 16:46*	*11/11/12 00:18*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.1	0.56	mg/Kg	☼	10/29/12 11:14	11/01/12 04:50	1
Arsenic	**0.12**	**J B**	0.28	0.11	mg/Kg	☼	10/29/12 11:14	11/01/12 04:50	1
Beryllium	ND		0.056	0.028	mg/Kg	☼	10/29/12 11:14	11/01/12 04:50	1
Cadmium	ND		0.056	0.014	mg/Kg	☼	10/29/12 11:14	11/01/12 04:50	1
Chromium	ND		0.56	0.28	mg/Kg	☼	10/29/12 11:14	11/01/12 04:50	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: BG-7

Date Collected: 10/26/12 12:15
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-11

Matrix: Solid
Percent Solids: 87.7

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		0.56	0.23	mg/Kg	☼	10/29/12 11:14	11/01/12 04:50	1
Iron	**23**	**J**	28	11	mg/Kg	☼	10/29/12 11:14	11/01/12 04:50	1
Lead	**0.60**		0.23	0.11	mg/Kg	☼	10/29/12 11:14	11/01/12 04:50	1
Manganese	**0.63**	**J**	1.1	0.56	mg/Kg	☼	10/29/12 11:14	11/01/12 04:50	1
Nickel	ND		0.56	0.28	mg/Kg	☼	10/29/12 11:14	11/01/12 04:50	1
Selenium	ND		0.56	0.28	mg/Kg	☼	10/29/12 11:14	11/01/12 04:50	1
Silver	ND		0.11	0.056	mg/Kg	☼	10/29/12 11:14	11/01/12 04:50	1
Thallium	ND		0.11	0.028	mg/Kg	☼	10/29/12 11:14	11/01/12 04:50	1
Zinc	ND		2.3	0.62	mg/Kg	☼	10/29/12 11:14	11/01/12 04:50	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.022	0.0090	mg/Kg	☼	10/30/12 17:45	11/06/12 19:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	**0.82**		0.34	0.15	mg/Kg	☼	10/31/12 16:21	10/31/12 19:13	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		5.7	1.7	mg/Kg	☼		11/08/12 02:51	5
Sulfate	ND		110	23	mg/Kg	☼		11/08/12 12:45	5

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: BG-8

Date Collected: 10/26/12 12:30
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-12

Matrix: Solid
Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.040	0.0089	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
Benzene	ND		0.0040	0.00059	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
Bromochloromethane	ND		0.0040	0.0027	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
Bromodichloromethane	ND		0.0040	0.00079	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
Bromoform	ND		0.0040	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
Bromomethane	ND		0.0040	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
2-Butanone	ND		0.020	0.0019	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
Carbon disulfide	ND		0.0040	0.00089	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
Carbon tetrachloride	ND		0.0040	0.00067	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
Chlorobenzene	ND		0.0040	0.00078	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
Chloroethane	ND		0.0040	0.0022	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
Chloroform	ND		0.0040	0.00089	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
Chloromethane	ND		0.0040	0.00081	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
cis-1,2-Dichloroethene	ND		0.0040	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
cis-1,3-Dichloropropene	ND		0.0040	0.00067	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
Cyclohexane	ND		0.0081	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
Dibromochloromethane	ND		0.0040	0.0014	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
1,2-Dibromo-3-Chloropropane	ND		0.0081	0.0036	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
1,2-Dibromoethane	ND		0.0040	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
1,2-Dichlorobenzene	ND		0.0040	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
1,3-Dichlorobenzene	ND		0.0040	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
1,4-Dichlorobenzene	ND		0.0040	0.00060	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
Dichlorodifluoromethane	ND		0.0040	0.00076	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
1,1-Dichloroethane	ND		0.0040	0.00089	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
1,2-Dichloroethane	ND		0.0040	0.00089	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
1,1-Dichloroethene	ND		0.0040	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
1,2-Dichloropropane	ND		0.0040	0.00070	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
1,4-Dioxane	ND		0.040	0.040	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
Ethylbenzene	ND		0.0040	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
2-Hexanone	ND		0.020	0.0027	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
Isopropylbenzene	ND		0.0040	0.0015	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
Methyl acetate	ND		0.0081	0.0040	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
Methylcyclohexane	ND		0.0081	0.00070	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
Methylene Chloride	ND		0.0040	0.00079	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
4-Methyl-2-pentanone	ND		0.020	0.0034	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
Methyl tert-butyl ether	ND		0.0081	0.00081	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
m-Xylene & p-Xylene	ND		0.0081	0.0021	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
o-Xylene	ND		0.0040	0.00089	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
Styrene	ND		0.0040	0.00075	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
1,1,2,2-Tetrachloroethane	ND		0.0040	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
Tetrachloroethene	ND		0.0040	0.0015	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
Toluene	ND		0.0040	0.00068	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
trans-1,2-Dichloroethene	ND		0.0040	0.00051	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
trans-1,3-Dichloropropene	ND		0.0040	0.00070	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
1,2,3-Trichlorobenzene	ND		0.0040	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
1,2,4-Trichlorobenzene	ND		0.0040	0.00072	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
1,1,1-Trichloroethane	ND		0.0040	0.00048	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
1,1,2-Trichloroethane	ND		0.0040	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
Trichloroethene	ND		0.0040	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: BG-8

Date Collected: 10/26/12 12:30
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-12

Matrix: Solid
Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		0.0040	0.00097	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0040	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1
Vinyl chloride	ND		0.0040	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 17:16	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Silanol, trimethyl-	*0.015*	*T J N*	*mg/Kg*	☼	*2.71*	*1066-40-6*	*10/29/12 14:13*	*11/09/12 17:16*	*1*
Tetrahydrofuran	*0.0019*	*J*	*mg/Kg*	☼	*2.97*	*109-99-9*	*10/29/12 14:13*	*11/09/12 17:16*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*65 - 130*	*10/29/12 14:13*	*11/09/12 17:16*	*1*
Dibromofluoromethane	*103*		*65 - 130*	*10/29/12 14:13*	*11/09/12 17:16*	*1*
Toluene-d8 (Surr)	*96*		*65 - 130*	*10/29/12 14:13*	*11/09/12 17:16*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.39	0.049	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Acenaphthylene	ND		0.39	0.043	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Acetophenone	ND		0.39	0.033	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Anthracene	ND		0.39	0.030	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Atrazine	ND		0.39	0.027	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Benzaldehyde	ND		0.39	0.069	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Benzo[a]anthracene	ND		0.39	0.032	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Benzo[a]pyrene	ND		0.39	0.062	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Benzo[b]fluoranthene	ND		0.39	0.045	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Benzo[g,h,i]perylene	ND		0.39	0.026	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Benzo[k]fluoranthene	ND		0.39	0.077	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
1,1'-Biphenyl	ND		0.39	0.88	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Bis(2-chloroethoxy)methane	ND		0.39	0.046	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Bis(2-chloroethyl)ether	ND		0.39	0.053	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
bis (2-chloroisopropyl) ether	ND		0.39	0.036	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Bis(2-ethylhexyl) phthalate	ND		0.39	0.034	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
4-Bromophenyl phenyl ether	ND		0.39	0.043	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Butyl benzyl phthalate	ND		0.39	0.031	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Caprolactam	ND		0.39	0.078	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Carbazole	ND		0.39	0.036	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
4-Chloroaniline	ND		0.78	0.062	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
4-Chloro-3-methylphenol	ND		0.39	0.041	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
2-Chloronaphthalene	ND		0.39	0.041	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
2-Chlorophenol	ND		0.39	0.047	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
4-Chlorophenyl phenyl ether	ND		0.39	0.052	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Chrysene	ND		0.39	0.025	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Dibenz(a,h)anthracene	ND		0.39	0.046	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Dibenzofuran	ND		0.39	0.039	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
3,3'-Dichlorobenzidine	ND		0.78	0.033	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
2,4-Dichlorophenol	ND		0.39	0.041	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Diethyl phthalate	ND		0.39	0.044	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
2,4-Dimethylphenol	ND		0.39	0.052	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Dimethyl phthalate	ND		0.39	0.040	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Di-n-butyl phthalate	ND		0.39	0.036	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
4,6-Dinitro-2-methylphenol	ND		2.0	0.20	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1

Client Sample ID: BG-8

Date Collected: 10/26/12 12:30
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-12

Matrix: Solid
Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		2.0	0.98	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
2,4-Dinitrotoluene	ND		0.39	0.058	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
2,6-Dinitrotoluene	ND		0.39	0.050	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Di-n-octyl phthalate	ND		0.39	0.034	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Fluoranthene	ND		0.39	0.038	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Fluorene	ND		0.39	0.043	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Hexachlorobenzene	ND		0.39	0.046	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Hexachlorobutadiene	ND		0.39	0.043	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Hexachlorocyclopentadiene	ND		0.39	0.049	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Hexachloroethane	ND		0.39	0.033	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Indeno[1,2,3-cd]pyrene	ND		0.39	0.033	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Isophorone	ND		0.39	0.039	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
2-Methylnaphthalene	ND		0.39	0.045	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
2-Methylphenol	ND		0.39	0.032	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
3 & 4 Methylphenol	ND		0.39	0.051	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Naphthalene	ND		0.39	0.036	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
2-Nitroaniline	ND		2.0	0.053	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
3-Nitroaniline	ND		2.0	0.054	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
4-Nitroaniline	ND		2.0	0.058	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Nitrobenzene	ND		0.39	0.031	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
2-Nitrophenol	ND		0.39	0.049	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
4-Nitrophenol	ND		2.0	0.39	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
N-Nitrosodi-n-propylamine	ND		0.39	0.038	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
N-Nitrosodiphenylamine	ND		0.39	0.039	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Pentachlorophenol	ND		2.0	0.39	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Phenanthrene	ND		0.39	0.032	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Phenol	ND		0.39	0.040	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
Pyrene	ND		0.39	0.032	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
1,2,4,5-Tetrachlorobenzene	ND		0.39	0.037	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
2,3,4,6-Tetrachlorophenol	ND		0.39	0.026	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
2,4,5-Trichlorophenol	ND		0.39	0.041	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1
2,4,6-Trichlorophenol	ND		0.39	0.034	mg/Kg	☼	10/30/12 16:46	11/08/12 21:43	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*10/30/12 16:46*	*11/08/12 21:43*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*58 - 130*	*10/30/12 16:46*	*11/08/12 21:43*	*1*
2-Fluorophenol	*68*		*40 - 130*	*10/30/12 16:46*	*11/08/12 21:43*	*1*
Nitrobenzene-d5	*64*		*46 - 130*	*10/30/12 16:46*	*11/08/12 21:43*	*1*
Phenol-d5	*71*		*49 - 130*	*10/30/12 16:46*	*11/08/12 21:43*	*1*
Terphenyl-d14	*85*		*60 - 130*	*10/30/12 16:46*	*11/08/12 21:43*	*1*
2,4,6-Tribromophenol	*79*		*58 - 130*	*10/30/12 16:46*	*11/08/12 21:43*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.1	0.57	mg/Kg	☼	10/29/12 11:14	11/01/12 04:58	1
Arsenic	**0.28**	**J B**	0.29	0.11	mg/Kg	☼	10/29/12 11:14	11/01/12 04:58	1
Beryllium	ND		0.057	0.029	mg/Kg	☼	10/29/12 11:14	11/01/12 04:58	1
Cadmium	ND		0.057	0.014	mg/Kg	☼	10/29/12 11:14	11/01/12 04:58	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: BG-8

Date Collected: 10/26/12 12:30
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-12

Matrix: Solid
Percent Solids: 84.0

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.69**		0.57	0.29	mg/Kg	☼	10/29/12 11:14	11/01/12 04:58	1
Copper	ND		0.57	0.23	mg/Kg	☼	10/29/12 11:14	11/01/12 04:58	1
Iron	**410**		29	11	mg/Kg	☼	10/29/12 11:14	11/01/12 04:58	1
Lead	**0.93**		0.23	0.11	mg/Kg	☼	10/29/12 11:14	11/01/12 04:58	1
Manganese	**2.4**		1.1	0.57	mg/Kg	☼	10/29/12 11:14	11/01/12 04:58	1
Nickel	**0.43**	**J**	0.57	0.29	mg/Kg	☼	10/29/12 11:14	11/01/12 04:58	1
Selenium	ND		0.57	0.29	mg/Kg	☼	10/29/12 11:14	11/01/12 04:58	1
Silver	ND		0.11	0.057	mg/Kg	☼	10/29/12 11:14	11/01/12 04:58	1
Thallium	ND		0.11	0.029	mg/Kg	☼	10/29/12 11:14	11/01/12 04:58	1
Zinc	**0.91**	**J**	2.3	0.63	mg/Kg	☼	10/29/12 11:14	11/01/12 04:58	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.022	0.0089	mg/Kg	☼	10/30/12 17:45	11/06/12 19:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	**0.87**		0.36	0.15	mg/Kg	☼	10/31/12 16:21	10/31/12 19:13	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		5.8	1.8	mg/Kg	☼		11/08/12 03:07	5
Sulfate	ND		120	23	mg/Kg	☼		11/08/12 12:57	5

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: VP-14

Date Collected: 10/26/12 13:00
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-13

Matrix: Solid
Percent Solids: 97.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.043	0.0094	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
Benzene	ND		0.0043	0.00063	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
Bromochloromethane	ND		0.0043	0.0028	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
Bromodichloromethane	ND		0.0043	0.00083	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
Bromoform	ND		0.0043	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
Bromomethane	ND		0.0043	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
2-Butanone	ND		0.021	0.0021	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
Carbon disulfide	ND		0.0043	0.00094	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
Carbon tetrachloride	ND		0.0043	0.00071	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
Chlorobenzene	ND		0.0043	0.00082	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
Chloroethane	ND		0.0043	0.0023	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
Chloroform	ND		0.0043	0.00094	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
Chloromethane	ND		0.0043	0.00086	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
cis-1,2-Dichloroethene	ND		0.0043	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
cis-1,3-Dichloropropene	ND		0.0043	0.00071	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
Cyclohexane	ND		0.0086	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
Dibromochloromethane	ND		0.0043	0.0015	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
1,2-Dibromo-3-Chloropropane	ND		0.0086	0.0038	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
1,2-Dibromoethane	ND		0.0043	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
1,2-Dichlorobenzene	ND		0.0043	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
1,3-Dichlorobenzene	ND		0.0043	0.0014	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
1,4-Dichlorobenzene	ND		0.0043	0.00063	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
Dichlorodifluoromethane	ND		0.0043	0.00081	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
1,1-Dichloroethane	ND		0.0043	0.00094	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
1,2-Dichloroethane	ND		0.0043	0.00094	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
1,1-Dichloroethene	ND		0.0043	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
1,2-Dichloropropane	ND		0.0043	0.00074	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
1,4-Dioxane	ND		0.043	0.043	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
Ethylbenzene	ND		0.0043	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
2-Hexanone	ND		0.021	0.0028	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
Isopropylbenzene	ND		0.0043	0.0016	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
Methyl acetate	ND		0.0086	0.0043	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
Methylcyclohexane	ND		0.0086	0.00074	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
Methylene Chloride	ND		0.0043	0.00084	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
4-Methyl-2-pentanone	ND		0.021	0.0036	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
Methyl tert-butyl ether	ND		0.0086	0.00086	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
m-Xylene & p-Xylene	ND		0.0086	0.0022	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
o-Xylene	ND		0.0043	0.00094	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
Styrene	ND		0.0043	0.00080	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
1,1,2,2-Tetrachloroethane	ND		0.0043	0.0014	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
Tetrachloroethene	ND		0.0043	0.0016	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
Toluene	ND		0.0043	0.00072	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
trans-1,2-Dichloroethene	ND		0.0043	0.00054	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
trans-1,3-Dichloropropene	ND		0.0043	0.00075	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
1,2,3-Trichlorobenzene	ND		0.0043	0.0014	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
1,2,4-Trichlorobenzene	ND		0.0043	0.00076	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
1,1,1-Trichloroethane	ND		0.0043	0.00051	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
1,1,2-Trichloroethane	ND		0.0043	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
Trichloroethene	ND		0.0043	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: VP-14

Date Collected: 10/26/12 13:00
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-13

Matrix: Solid
Percent Solids: 97.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		0.0043	0.0010	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0043	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1
Vinyl chloride	ND		0.0043	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 17:38	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Silanol, trimethyl-	*0.014*	*T J N*	*mg/Kg*	☼	*2.71*	*1066-40-6*	*10/29/12 14:13*	*11/09/12 17:38*	*1*
Tetrahydrofuran	*0.0023*	*J*	*mg/Kg*	☼	*2.96*	*109-99-9*	*10/29/12 14:13*	*11/09/12 17:38*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*84*		*65 - 130*	*10/29/12 14:13*	*11/09/12 17:38*	*1*
Dibromofluoromethane	*104*		*65 - 130*	*10/29/12 14:13*	*11/09/12 17:38*	*1*
Toluene-d8 (Surr)	*94*		*65 - 130*	*10/29/12 14:13*	*11/09/12 17:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.34	0.042	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Acenaphthylene	ND		0.34	0.037	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Acetophenone	ND		0.34	0.029	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Anthracene	ND		0.34	0.025	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Atrazine	ND		0.34	0.023	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Benzaldehyde	ND		0.34	0.059	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Benzo[a]anthracene	ND		0.34	0.028	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Benzo[a]pyrene	ND		0.34	0.053	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Benzo[b]fluoranthene	ND		0.34	0.039	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Benzo[g,h,i]perylene	ND		0.34	0.022	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Benzo[k]fluoranthene	ND		0.34	0.066	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
1,1'-Biphenyl	ND		0.34	0.75	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Bis(2-chloroethoxy)methane	ND		0.34	0.040	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Bis(2-chloroethyl)ether	ND		0.34	0.046	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
bis (2-chloroisopropyl) ether	ND		0.34	0.031	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Bis(2-ethylhexyl) phthalate	ND		0.34	0.030	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
4-Bromophenyl phenyl ether	ND		0.34	0.037	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Butyl benzyl phthalate	ND		0.34	0.027	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Caprolactam	ND		0.34	0.067	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Carbazole	ND		0.34	0.031	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
4-Chloroaniline	ND		0.67	0.053	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
4-Chloro-3-methylphenol	ND		0.34	0.036	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
2-Chloronaphthalene	ND		0.34	0.036	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
2-Chlorophenol	ND		0.34	0.041	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
4-Chlorophenyl phenyl ether	ND		0.34	0.045	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Chrysene	ND		0.34	0.021	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Dibenz(a,h)anthracene	ND		0.34	0.040	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Dibenzofuran	ND		0.34	0.034	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
3,3'-Dichlorobenzidine	ND		0.67	0.029	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
2,4-Dichlorophenol	ND		0.34	0.036	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Diethyl phthalate	ND		0.34	0.038	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
2,4-Dimethylphenol	ND		0.34	0.045	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Dimethyl phthalate	ND		0.34	0.035	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Di-n-butyl phthalate	ND		0.34	0.031	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
4,6-Dinitro-2-methylphenol	ND		1.7	0.17	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1

Client Sample ID: VP-14

Date Collected: 10/26/12 13:00
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-13

Matrix: Solid
Percent Solids: 97.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		1.7	0.85	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
2,4-Dinitrotoluene	ND		0.34	0.050	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
2,6-Dinitrotoluene	ND		0.34	0.043	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Di-n-octyl phthalate	ND		0.34	0.030	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Fluoranthene	ND		0.34	0.033	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Fluorene	ND		0.34	0.037	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Hexachlorobenzene	ND		0.34	0.040	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Hexachlorobutadiene	ND		0.34	0.037	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Hexachlorocyclopentadiene	ND		0.34	0.042	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Hexachloroethane	ND		0.34	0.029	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Indeno[1,2,3-cd]pyrene	ND		0.34	0.029	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Isophorone	ND		0.34	0.034	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
2-Methylnaphthalene	ND		0.34	0.039	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
2-Methylphenol	ND		0.34	0.028	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
3 & 4 Methylphenol	ND		0.34	0.044	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Naphthalene	ND		0.34	0.031	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
2-Nitroaniline	ND		1.7	0.046	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
3-Nitroaniline	ND		1.7	0.047	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
4-Nitroaniline	ND		1.7	0.050	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Nitrobenzene	ND		0.34	0.027	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
2-Nitrophenol	ND		0.34	0.042	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
4-Nitrophenol	ND		1.7	0.34	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
N-Nitrosodi-n-propylamine	ND		0.34	0.033	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
N-Nitrosodiphenylamine	ND		0.34	0.034	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Pentachlorophenol	ND		1.7	0.34	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Phenanthrene	ND		0.34	0.028	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Phenol	ND		0.34	0.035	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
Pyrene	ND		0.34	0.028	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
1,2,4,5-Tetrachlorobenzene	ND		0.34	0.032	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
2,3,4,6-Tetrachlorophenol	ND		0.34	0.022	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
2,4,5-Trichlorophenol	ND		0.34	0.036	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1
2,4,6-Trichlorophenol	ND		0.34	0.030	mg/Kg	☼	10/30/12 16:46	11/08/12 22:11	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*10/30/12 16:46*	*11/08/12 22:11*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*71*		*58 - 130*	*10/30/12 16:46*	*11/08/12 22:11*	*1*
2-Fluorophenol	*69*		*40 - 130*	*10/30/12 16:46*	*11/08/12 22:11*	*1*
Nitrobenzene-d5	*68*		*46 - 130*	*10/30/12 16:46*	*11/08/12 22:11*	*1*
Phenol-d5	*69*		*49 - 130*	*10/30/12 16:46*	*11/08/12 22:11*	*1*
Terphenyl-d14	*82*		*60 - 130*	*10/30/12 16:46*	*11/08/12 22:11*	*1*
2,4,6-Tribromophenol	*80*		*58 - 130*	*10/30/12 16:46*	*11/08/12 22:11*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.0	0.50	mg/Kg	☼	10/29/12 11:14	11/01/12 05:05	1
Arsenic	**0.35**	**B**	0.25	0.10	mg/Kg	☼	10/29/12 11:14	11/01/12 05:05	1
Beryllium	ND		0.050	0.025	mg/Kg	☼	10/29/12 11:14	11/01/12 05:05	1
Cadmium	**0.017**	**J**	0.050	0.012	mg/Kg	☼	10/29/12 11:14	11/01/12 05:05	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: VP-14

Date Collected: 10/26/12 13:00
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-13

Matrix: Solid
Percent Solids: 97.1

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	1.2		0.50	0.25	mg/Kg	☼	10/29/12 11:14	11/01/12 05:05	1
Copper	0.58		0.50	0.20	mg/Kg	☼	10/29/12 11:14	11/01/12 05:05	1
Iron	520		25	10	mg/Kg	☼	10/29/12 11:14	11/01/12 05:05	1
Lead	2.3		0.20	0.10	mg/Kg	☼	10/29/12 11:14	11/01/12 05:05	1
Manganese	2.9		1.0	0.50	mg/Kg	☼	10/29/12 11:14	11/01/12 05:05	1
Nickel	0.50		0.50	0.25	mg/Kg	☼	10/29/12 11:14	11/01/12 05:05	1
Selenium	ND		0.50	0.25	mg/Kg	☼	10/29/12 11:14	11/01/12 05:05	1
Silver	ND		0.10	0.050	mg/Kg	☼	10/29/12 11:14	11/01/12 05:05	1
Thallium	ND		0.10	0.025	mg/Kg	☼	10/29/12 11:14	11/01/12 05:05	1
Zinc	3.3		2.0	0.55	mg/Kg	☼	10/29/12 11:14	11/01/12 05:05	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.018	0.0075	mg/Kg	☼	10/30/12 17:45	11/06/12 19:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	1.8		0.31	0.13	mg/Kg	☼	10/31/12 16:21	10/31/12 19:13	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	2.7	J	5.2	1.6	mg/Kg	☼		11/08/12 03:53	5
Sulfate	ND		100	21	mg/Kg	☼		11/08/12 13:34	5

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: VP-21
Date Collected: 10/26/12 13:10
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-14
Matrix: Solid
Percent Solids: 96.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	H *	0.052	0.011	mg/Kg	☼		11/14/12 15:05	1
Benzene	**0.00083**	**J H**	0.0052	0.00075	mg/Kg	☼		11/14/12 15:05	1
Bromochloromethane	ND	H	0.0052	0.0034	mg/Kg	☼		11/14/12 15:05	1
Bromodichloromethane	ND	H	0.0052	0.0010	mg/Kg	☼		11/14/12 15:05	1
Bromoform	ND	H	0.0052	0.0015	mg/Kg	☼		11/14/12 15:05	1
Bromomethane	ND	H	0.0052	0.0015	mg/Kg	☼		11/14/12 15:05	1
2-Butanone	ND	H *	0.026	0.0025	mg/Kg	☼		11/14/12 15:05	1
Carbon disulfide	ND	H	0.0052	0.0011	mg/Kg	☼		11/14/12 15:05	1
Carbon tetrachloride	ND	H	0.0052	0.00086	mg/Kg	☼		11/14/12 15:05	1
Chlorobenzene	ND	H	0.0052	0.00099	mg/Kg	☼		11/14/12 15:05	1
Chloroethane	ND	H	0.0052	0.0028	mg/Kg	☼		11/14/12 15:05	1
Chloroform	ND	H	0.0052	0.0011	mg/Kg	☼		11/14/12 15:05	1
Chloromethane	ND	H	0.0052	0.0010	mg/Kg	☼		11/14/12 15:05	1
Dibromochloromethane	ND	H	0.0052	0.0018	mg/Kg	☼		11/14/12 15:05	1
1,2-Dibromo-3-Chloropropane	ND	H	0.010	0.0045	mg/Kg	☼		11/14/12 15:05	1
1,2-Dibromoethane	ND	H	0.0052	0.0015	mg/Kg	☼		11/14/12 15:05	1
1,2-Dichlorobenzene	ND	H	0.0052	0.0013	mg/Kg	☼		11/14/12 15:05	1
1,3-Dichlorobenzene	ND	H	0.0052	0.0017	mg/Kg	☼		11/14/12 15:05	1
1,4-Dichlorobenzene	ND	H	0.0052	0.00076	mg/Kg	☼		11/14/12 15:05	1
Dichlorodifluoromethane	ND	H	0.0052	0.00097	mg/Kg	☼		11/14/12 15:05	1
1,1-Dichloroethane	ND	H	0.0052	0.0011	mg/Kg	☼		11/14/12 15:05	1
1,2-Dichloroethane	ND	H	0.0052	0.0011	mg/Kg	☼		11/14/12 15:05	1
cis-1,2-Dichloroethene	ND	H	0.0052	0.0014	mg/Kg	☼		11/14/12 15:05	1
trans-1,2-Dichloroethene	ND	H	0.0052	0.00065	mg/Kg	☼		11/14/12 15:05	1
1,1-Dichloroethene	ND	H	0.0052	0.0015	mg/Kg	☼		11/14/12 15:05	1
1,2-Dichloropropane	ND	H	0.0052	0.00089	mg/Kg	☼		11/14/12 15:05	1
cis-1,3-Dichloropropene	ND	H	0.0052	0.00086	mg/Kg	☼		11/14/12 15:05	1
trans-1,3-Dichloropropene	ND	H	0.0052	0.00090	mg/Kg	☼		11/14/12 15:05	1
Ethylbenzene	ND	H	0.0052	0.0013	mg/Kg	☼		11/14/12 15:05	1
2-Hexanone	ND	H *	0.026	0.0034	mg/Kg	☼		11/14/12 15:05	1
Isopropylbenzene	ND	H	0.0052	0.0020	mg/Kg	☼		11/14/12 15:05	1
Methylene Chloride	ND	H	0.0052	0.0010	mg/Kg	☼		11/14/12 15:05	1
4-Methyl-2-pentanone	ND	H	0.026	0.0043	mg/Kg	☼		11/14/12 15:05	1
Methyl tert-butyl ether	ND	H	0.010	0.0010	mg/Kg	☼		11/14/12 15:05	1
Styrene	ND	H	0.0052	0.00096	mg/Kg	☼		11/14/12 15:05	1
1,1,2,2-Tetrachloroethane	ND	H	0.0052	0.0017	mg/Kg	☼		11/14/12 15:05	1
Tetrachloroethene	ND	H	0.0052	0.0020	mg/Kg	☼		11/14/12 15:05	1
Toluene	ND	H	0.0052	0.00087	mg/Kg	☼		11/14/12 15:05	1
1,2,3-Trichlorobenzene	ND	H	0.0052	0.0017	mg/Kg	☼		11/14/12 15:05	1
1,2,4-Trichlorobenzene	ND	H	0.0052	0.00092	mg/Kg	☼		11/14/12 15:05	1
1,1,1-Trichloroethane	ND	H	0.0052	0.00061	mg/Kg	☼		11/14/12 15:05	1
1,1,2-Trichloroethane	ND	H	0.0052	0.0013	mg/Kg	☼		11/14/12 15:05	1
Trichloroethene	ND	H	0.0052	0.0013	mg/Kg	☼		11/14/12 15:05	1
Trichlorofluoromethane	ND	H	0.0052	0.0012	mg/Kg	☼		11/14/12 15:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H	0.0052	0.0013	mg/Kg	☼		11/14/12 15:05	1
Vinyl chloride	ND	H	0.0052	0.0015	mg/Kg	☼		11/14/12 15:05	1
o-Xylene	ND	H	0.0052	0.0011	mg/Kg	☼		11/14/12 15:05	1
m-Xylene & p-Xylene	ND	H	0.010	0.0027	mg/Kg	☼		11/14/12 15:05	1
Cyclohexane	ND	H	0.010	0.0013	mg/Kg	☼		11/14/12 15:05	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: VP-21

Date Collected: 10/26/12 13:10
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-14

Matrix: Solid
Percent Solids: 96.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	ND	H	0.010	0.0052	mg/Kg	☼		11/14/12 15:05	1
Methylcyclohexane	ND	H	0.010	0.00089	mg/Kg	☼		11/14/12 15:05	1
1,4-Dioxane	ND	H	0.052	0.052	mg/Kg	☼		11/14/12 15:05	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*	*H*	*mg/Kg*	☼				*11/14/12 15:05*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*65 - 130*		*11/14/12 15:05*	*1*
Dibromofluoromethane	*97*		*65 - 130*		*11/14/12 15:05*	*1*
Toluene-d8 (Surr)	*96*		*65 - 130*		*11/14/12 15:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.34	0.042	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Acenaphthylene	ND		0.34	0.037	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Acetophenone	ND		0.34	0.029	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Anthracene	ND		0.34	0.025	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Atrazine	ND		0.34	0.023	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Benzaldehyde	ND		0.34	0.059	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Benzo[a]anthracene	ND		0.34	0.028	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Benzo[a]pyrene	ND		0.34	0.053	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Benzo[b]fluoranthene	ND		0.34	0.039	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Benzo[g,h,i]perylene	ND		0.34	0.022	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Benzo[k]fluoranthene	ND		0.34	0.066	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
1,1'-Biphenyl	ND		0.34	0.75	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Bis(2-chloroethoxy)methane	ND		0.34	0.040	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Bis(2-chloroethyl)ether	ND		0.34	0.046	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
bis (2-chloroisopropyl) ether	ND		0.34	0.031	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Bis(2-ethylhexyl) phthalate	ND		0.34	0.030	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
4-Bromophenyl phenyl ether	ND		0.34	0.037	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Butyl benzyl phthalate	ND		0.34	0.026	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Caprolactam	ND		0.34	0.067	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Carbazole	ND		0.34	0.031	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
4-Chloroaniline	ND		0.67	0.053	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
4-Chloro-3-methylphenol	ND		0.34	0.036	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
2-Chloronaphthalene	ND		0.34	0.036	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
2-Chlorophenol	ND		0.34	0.041	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
4-Chlorophenyl phenyl ether	ND		0.34	0.045	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Chrysene	ND		0.34	0.021	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Dibenz(a,h)anthracene	ND		0.34	0.040	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Dibenzofuran	ND		0.34	0.034	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
3,3'-Dichlorobenzidine	ND		0.67	0.029	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
2,4-Dichlorophenol	ND		0.34	0.036	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Diethyl phthalate	ND		0.34	0.038	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
2,4-Dimethylphenol	ND		0.34	0.045	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Dimethyl phthalate	ND		0.34	0.035	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Di-n-butyl phthalate	ND		0.34	0.031	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
4,6-Dinitro-2-methylphenol	ND		1.7	0.17	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
2,4-Dinitrophenol	ND		1.7	0.85	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: VP-21

Date Collected: 10/26/12 13:10
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-14

Matrix: Solid
Percent Solids: 96.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		0.34	0.050	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
2,6-Dinitrotoluene	ND		0.34	0.043	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Di-n-octyl phthalate	ND		0.34	0.030	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Fluoranthene	ND		0.34	0.033	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Fluorene	ND		0.34	0.037	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Hexachlorobenzene	ND		0.34	0.040	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Hexachlorobutadiene	ND		0.34	0.037	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Hexachlorocyclopentadiene	ND		0.34	0.042	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Hexachloroethane	ND		0.34	0.029	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Indeno[1,2,3-cd]pyrene	ND		0.34	0.029	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Isophorone	ND		0.34	0.034	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
2-Methylnaphthalene	ND		0.34	0.039	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
2-Methylphenol	ND		0.34	0.028	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
3 & 4 Methylphenol	ND		0.34	0.044	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Naphthalene	ND		0.34	0.031	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
2-Nitroaniline	ND		1.7	0.046	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
3-Nitroaniline	ND		1.7	0.047	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
4-Nitroaniline	ND		1.7	0.050	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Nitrobenzene	ND		0.34	0.026	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
2-Nitrophenol	ND		0.34	0.042	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
4-Nitrophenol	ND		1.7	0.34	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
N-Nitrosodi-n-propylamine	ND		0.34	0.033	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
N-Nitrosodiphenylamine	ND		0.34	0.034	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Pentachlorophenol	ND		1.7	0.34	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Phenanthrene	ND		0.34	0.028	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Phenol	ND		0.34	0.035	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
Pyrene	ND		0.34	0.028	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
1,2,4,5-Tetrachlorobenzene	ND		0.34	0.032	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
2,3,4,6-Tetrachlorophenol	ND		0.34	0.022	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
2,4,5-Trichlorophenol	ND		0.34	0.036	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1
2,4,6-Trichlorophenol	ND		0.34	0.030	mg/Kg	☼	10/30/12 16:46	11/08/12 22:38	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Oleic Acid	*0.39*	*T J N*	*mg/Kg*	☼	*11.43*	*112-80-1*	*10/30/12 16:46*	*11/08/12 22:38*	*1*
Octadecanoic acid, butyl ester	*0.14*	*T J N*	*mg/Kg*	☼	*12.39*	*123-95-5*	*10/30/12 16:46*	*11/08/12 22:38*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*68*		*58 - 130*	*10/30/12 16:46*	*11/08/12 22:38*	*1*
2-Fluorophenol	*64*		*40 - 130*	*10/30/12 16:46*	*11/08/12 22:38*	*1*
Nitrobenzene-d5	*65*		*46 - 130*	*10/30/12 16:46*	*11/08/12 22:38*	*1*
Phenol-d5	*65*		*49 - 130*	*10/30/12 16:46*	*11/08/12 22:38*	*1*
Terphenyl-d14	*83*		*60 - 130*	*10/30/12 16:46*	*11/08/12 22:38*	*1*
2,4,6-Tribromophenol	*77*		*58 - 130*	*10/30/12 16:46*	*11/08/12 22:38*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.0	0.51	mg/Kg	☼	10/29/12 11:14	11/01/12 05:13	1
Arsenic	**0.35**	**B**	0.26	0.10	mg/Kg	☼	10/29/12 11:14	11/01/12 05:13	1
Beryllium	ND		0.051	0.026	mg/Kg	☼	10/29/12 11:14	11/01/12 05:13	1
Cadmium	ND		0.051	0.012	mg/Kg	☼	10/29/12 11:14	11/01/12 05:13	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: VP-21

Date Collected: 10/26/12 13:10
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-14

Matrix: Solid
Percent Solids: 96.9

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**4.3**		0.51	0.26	mg/Kg	☼	10/29/12 11:14	11/01/12 05:13	1
Copper	**1.0**		0.51	0.20	mg/Kg	☼	10/29/12 11:14	11/01/12 05:13	1
Iron	**640**		26	10	mg/Kg	☼	10/29/12 11:14	11/01/12 05:13	1
Lead	**1.9**		0.20	0.10	mg/Kg	☼	10/29/12 11:14	11/01/12 05:13	1
Manganese	**5.0**		1.0	0.51	mg/Kg	☼	10/29/12 11:14	11/01/12 05:13	1
Nickel	**0.63**		0.51	0.26	mg/Kg	☼	10/29/12 11:14	11/01/12 05:13	1
Selenium	ND		0.51	0.26	mg/Kg	☼	10/29/12 11:14	11/01/12 05:13	1
Silver	ND		0.10	0.051	mg/Kg	☼	10/29/12 11:14	11/01/12 05:13	1
Thallium	ND		0.10	0.026	mg/Kg	☼	10/29/12 11:14	11/01/12 05:13	1
Zinc	**2.1**		2.0	0.56	mg/Kg	☼	10/29/12 11:14	11/01/12 05:13	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.018	0.0076	mg/Kg	☼	10/30/12 17:45	11/06/12 19:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	**2.9**		0.31	0.13	mg/Kg	☼	10/31/12 16:21	10/31/12 19:13	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		5.2	1.6	mg/Kg	☼		11/08/12 04:08	5
Sulfate	ND		100	21	mg/Kg	☼		11/08/12 13:47	5

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: TMW-1

Date Collected: 10/26/12 13:30
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-15

Matrix: Solid
Percent Solids: 93.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.039	0.0085	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
Benzene	ND		0.0039	0.00056	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
Bromochloromethane	ND		0.0039	0.0025	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
Bromodichloromethane	ND		0.0039	0.00075	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
Bromoform	ND		0.0039	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
Bromomethane	ND		0.0039	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
2-Butanone	ND		0.019	0.0018	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
Carbon disulfide	ND		0.0039	0.00085	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
Carbon tetrachloride	ND		0.0039	0.00064	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
Chlorobenzene	ND		0.0039	0.00074	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
Chloroethane	ND		0.0039	0.0021	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
Chloroform	ND		0.0039	0.00085	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
Chloromethane	ND		0.0039	0.00077	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
cis-1,2-Dichloroethene	ND		0.0039	0.0011	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
cis-1,3-Dichloropropene	ND		0.0039	0.00064	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
Cyclohexane	ND		0.0077	0.0010	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
Dibromochloromethane	ND		0.0039	0.0013	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
1,2-Dibromo-3-Chloropropane	ND		0.0077	0.0034	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
1,2-Dibromoethane	ND		0.0039	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
1,2-Dichlorobenzene	ND		0.0039	0.0010	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
1,3-Dichlorobenzene	ND		0.0039	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
1,4-Dichlorobenzene	ND		0.0039	0.00057	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
Dichlorodifluoromethane	ND		0.0039	0.00072	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
1,1-Dichloroethane	ND		0.0039	0.00085	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
1,2-Dichloroethane	ND		0.0039	0.00085	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
1,1-Dichloroethene	ND		0.0039	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
1,2-Dichloropropane	ND		0.0039	0.00066	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
1,4-Dioxane	ND		0.039	0.039	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
Ethylbenzene	ND		0.0039	0.0010	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
2-Hexanone	ND		0.019	0.0025	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
Isopropylbenzene	ND		0.0039	0.0015	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
Methyl acetate	ND		0.0077	0.0039	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
Methylcyclohexane	ND		0.0077	0.00066	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
Methylene Chloride	ND		0.0039	0.00076	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
4-Methyl-2-pentanone	ND		0.019	0.0032	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
Methyl tert-butyl ether	ND		0.0077	0.00077	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
m-Xylene & p-Xylene	ND		0.0077	0.0020	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
o-Xylene	ND		0.0039	0.00085	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
Styrene	ND		0.0039	0.00072	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
1,1,2,2-Tetrachloroethane	ND		0.0039	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
Tetrachloroethene	ND		0.0039	0.0015	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
Toluene	ND		0.0039	0.00065	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
trans-1,2-Dichloroethene	ND		0.0039	0.00049	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
trans-1,3-Dichloropropene	ND		0.0039	0.00067	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
1,2,3-Trichlorobenzene	ND		0.0039	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
1,2,4-Trichlorobenzene	ND		0.0039	0.00069	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
1,1,1-Trichloroethane	ND		0.0039	0.00045	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
1,1,2-Trichloroethane	ND		0.0039	0.0010	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
Trichloroethene	ND		0.0039	0.0010	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1

Client Sample ID: TMW-1

Date Collected: 10/26/12 13:30
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-15

Matrix: Solid
Percent Solids: 93.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		0.0039	0.00092	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0039	0.0010	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1
Vinyl chloride	ND		0.0039	0.0012	mg/Kg	☼	10/29/12 14:13	11/09/12 18:23	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*10/29/12 14:13*	*11/09/12 18:23*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*65 - 130*	*10/29/12 14:13*	*11/09/12 18:23*	*1*
Dibromofluoromethane	*102*		*65 - 130*	*10/29/12 14:13*	*11/09/12 18:23*	*1*
Toluene-d8 (Surr)	*95*		*65 - 130*	*10/29/12 14:13*	*11/09/12 18:23*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.35	0.044	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Acenaphthylene	ND		0.35	0.039	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Acetophenone	ND		0.35	0.030	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Anthracene	ND		0.35	0.027	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Atrazine	ND		0.35	0.025	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Benzaldehyde	ND		0.35	0.062	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Benzo[a]anthracene	ND		0.35	0.029	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Benzo[a]pyrene	ND		0.35	0.056	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Benzo[b]fluoranthene	ND		0.35	0.041	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Benzo[g,h,i]perylene	ND		0.35	0.024	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Benzo[k]fluoranthene	ND		0.35	0.070	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
1,1'-Biphenyl	ND		0.35	0.79	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Bis(2-chloroethoxy)methane	ND		0.35	0.042	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Bis(2-chloroethyl)ether	ND		0.35	0.048	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
bis (2-chloroisopropyl) ether	ND		0.35	0.032	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Bis(2-ethylhexyl) phthalate	ND		0.35	0.031	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
4-Bromophenyl phenyl ether	ND		0.35	0.039	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Butyl benzyl phthalate	ND		0.35	0.028	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Caprolactam	ND		0.35	0.071	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Carbazole	ND		0.35	0.032	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
4-Chloroaniline	ND		0.71	0.056	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
4-Chloro-3-methylphenol	ND		0.35	0.038	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
2-Chloronaphthalene	ND		0.35	0.038	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
2-Chlorophenol	ND		0.35	0.043	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
4-Chlorophenyl phenyl ether	ND		0.35	0.047	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Chrysene	ND		0.35	0.023	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Dibenz(a,h)anthracene	ND		0.35	0.042	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Dibenzofuran	ND		0.35	0.035	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
3,3'-Dichlorobenzidine	ND		0.71	0.030	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
2,4-Dichlorophenol	ND		0.35	0.038	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Diethyl phthalate	ND		0.35	0.040	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
2,4-Dimethylphenol	ND		0.35	0.047	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Dimethyl phthalate	ND		0.35	0.037	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Di-n-butyl phthalate	ND		0.35	0.032	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
4,6-Dinitro-2-methylphenol	ND		1.8	0.18	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
2,4-Dinitrophenol	ND		1.8	0.89	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: TMW-1

Date Collected: 10/26/12 13:30
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-15

Matrix: Solid
Percent Solids: 93.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		0.35	0.053	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
2,6-Dinitrotoluene	ND		0.35	0.045	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Di-n-octyl phthalate	ND		0.35	0.031	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Fluoranthene	ND		0.35	0.034	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Fluorene	ND		0.35	0.039	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Hexachlorobenzene	ND		0.35	0.042	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Hexachlorobutadiene	ND		0.35	0.039	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Hexachlorocyclopentadiene	ND		0.35	0.044	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Hexachloroethane	ND		0.35	0.030	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Indeno[1,2,3-cd]pyrene	ND		0.35	0.030	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Isophorone	ND		0.35	0.035	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
2-Methylnaphthalene	ND		0.35	0.041	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
2-Methylphenol	ND		0.35	0.029	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
3 & 4 Methylphenol	ND		0.35	0.046	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Naphthalene	ND		0.35	0.032	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
2-Nitroaniline	ND		1.8	0.048	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
3-Nitroaniline	ND		1.8	0.049	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
4-Nitroaniline	ND		1.8	0.053	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Nitrobenzene	ND		0.35	0.028	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
2-Nitrophenol	ND		0.35	0.044	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
4-Nitrophenol	ND		1.8	0.35	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
N-Nitrosodi-n-propylamine	ND		0.35	0.034	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
N-Nitrosodiphenylamine	ND		0.35	0.035	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Pentachlorophenol	ND		1.8	0.35	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Phenanthrene	ND		0.35	0.029	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Phenol	ND		0.35	0.037	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
Pyrene	ND		0.35	0.029	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
1,2,4,5-Tetrachlorobenzene	ND		0.35	0.033	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
2,3,4,6-Tetrachlorophenol	ND		0.35	0.024	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
2,4,5-Trichlorophenol	ND		0.35	0.038	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1
2,4,6-Trichlorophenol	ND		0.35	0.031	mg/Kg	☼	10/30/12 16:46	11/10/12 21:34	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Oleic Acid	*0.18*	*T J N*	*mg/Kg*	☼	*11.41*	*112-80-1*	*10/30/12 16:46*	*11/10/12 21:34*	*1*
9-Octadecenamide, (Z)-	*0.47*	*T J N*	*mg/Kg*	☼	*13.71*	*301-02-0*	*10/30/12 16:46*	*11/10/12 21:34*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*66*		*58 - 130*	*10/30/12 16:46*	*11/10/12 21:34*	*1*
2-Fluorophenol	*64*		*40 - 130*	*10/30/12 16:46*	*11/10/12 21:34*	*1*
Nitrobenzene-d5	*60*		*46 - 130*	*10/30/12 16:46*	*11/10/12 21:34*	*1*
Phenol-d5	*65*		*49 - 130*	*10/30/12 16:46*	*11/10/12 21:34*	*1*
Terphenyl-d14	*74*		*60 - 130*	*10/30/12 16:46*	*11/10/12 21:34*	*1*
2,4,6-Tribromophenol	*72*		*58 - 130*	*10/30/12 16:46*	*11/10/12 21:34*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.0	0.52	mg/Kg	☼	10/29/12 11:14	11/01/12 05:20	1
Arsenic	**0.30**	**B**	0.26	0.10	mg/Kg	☼	10/29/12 11:14	11/01/12 05:20	1
Beryllium	ND		0.052	0.026	mg/Kg	☼	10/29/12 11:14	11/01/12 05:20	1
Cadmium	ND		0.052	0.012	mg/Kg	☼	10/29/12 11:14	11/01/12 05:20	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: TMW-1

Date Collected: 10/26/12 13:30
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-15

Matrix: Solid
Percent Solids: 93.1

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	1.0		0.52	0.26	mg/Kg	☼	10/29/12 11:14	11/01/12 05:20	1
Copper	0.31	J	0.52	0.21	mg/Kg	☼	10/29/12 11:14	11/01/12 05:20	1
Iron	610		26	10	mg/Kg	☼	10/29/12 11:14	11/01/12 05:20	1
Lead	1.6		0.21	0.10	mg/Kg	☼	10/29/12 11:14	11/01/12 05:20	1
Manganese	8.0		1.0	0.52	mg/Kg	☼	10/29/12 11:14	11/01/12 05:20	1
Nickel	0.51	J	0.52	0.26	mg/Kg	☼	10/29/12 11:14	11/01/12 05:20	1
Selenium	ND		0.52	0.26	mg/Kg	☼	10/29/12 11:14	11/01/12 05:20	1
Silver	ND		0.10	0.052	mg/Kg	☼	10/29/12 11:14	11/01/12 05:20	1
Thallium	ND		0.10	0.026	mg/Kg	☼	10/29/12 11:14	11/01/12 05:20	1
Zinc	1.3	J	2.1	0.57	mg/Kg	☼	10/29/12 11:14	11/01/12 05:20	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.021	0.0088	mg/Kg	☼	10/30/12 17:45	11/06/12 19:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.79		0.32	0.14	mg/Kg	☼	10/31/12 16:21	10/31/12 19:13	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		5.4	1.6	mg/Kg	☼		11/08/12 04:24	5
Sulfate	ND		110	22	mg/Kg	☼		11/08/12 13:59	5

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: TMW-2

Date Collected: 10/26/12 13:45
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-16

Matrix: Solid
Percent Solids: 95.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	H	0.052	0.012	mg/Kg	☼		11/10/12 18:26	1
Benzene	ND	H	0.0052	0.00077	mg/Kg	☼		11/10/12 18:26	1
Bromochloromethane	ND	H	0.0052	0.0035	mg/Kg	☼		11/10/12 18:26	1
Bromodichloromethane	ND	H	0.0052	0.0010	mg/Kg	☼		11/10/12 18:26	1
Bromoform	ND	H	0.0052	0.0016	mg/Kg	☼		11/10/12 18:26	1
Bromomethane	ND	H	0.0052	0.0016	mg/Kg	☼		11/10/12 18:26	1
2-Butanone	ND	H *	0.026	0.0025	mg/Kg	☼		11/10/12 18:26	1
Carbon disulfide	ND	H	0.0052	0.0012	mg/Kg	☼		11/10/12 18:26	1
Carbon tetrachloride	ND	H	0.0052	0.00087	mg/Kg	☼		11/10/12 18:26	1
Chlorobenzene	ND	H	0.0052	0.0010	mg/Kg	☼		11/10/12 18:26	1
Chloroethane	ND	H	0.0052	0.0028	mg/Kg	☼		11/10/12 18:26	1
Chloroform	ND	H	0.0052	0.0012	mg/Kg	☼		11/10/12 18:26	1
Chloromethane	ND	H	0.0052	0.0010	mg/Kg	☼		11/10/12 18:26	1
Dibromochloromethane	ND	H	0.0052	0.0018	mg/Kg	☼		11/10/12 18:26	1
1,2-Dibromo-3-Chloropropane	ND	H	0.010	0.0046	mg/Kg	☼		11/10/12 18:26	1
1,2-Dibromoethane	ND	H	0.0052	0.0016	mg/Kg	☼		11/10/12 18:26	1
1,2-Dichlorobenzene	ND	H	0.0052	0.0014	mg/Kg	☼		11/10/12 18:26	1
1,3-Dichlorobenzene	ND	H	0.0052	0.0017	mg/Kg	☼		11/10/12 18:26	1
1,4-Dichlorobenzene	ND	H	0.0052	0.00078	mg/Kg	☼		11/10/12 18:26	1
Dichlorodifluoromethane	ND	H	0.0052	0.00099	mg/Kg	☼		11/10/12 18:26	1
1,1-Dichloroethane	ND	H	0.0052	0.0012	mg/Kg	☼		11/10/12 18:26	1
1,2-Dichloroethane	ND	H	0.0052	0.0012	mg/Kg	☼		11/10/12 18:26	1
cis-1,2-Dichloroethene	ND	H	0.0052	0.0015	mg/Kg	☼		11/10/12 18:26	1
trans-1,2-Dichloroethene	ND	H	0.0052	0.00066	mg/Kg	☼		11/10/12 18:26	1
1,1-Dichloroethene	ND	H	0.0052	0.0016	mg/Kg	☼		11/10/12 18:26	1
1,2-Dichloropropane	ND	H	0.0052	0.00090	mg/Kg	☼		11/10/12 18:26	1
cis-1,3-Dichloropropene	ND	H	0.0052	0.00087	mg/Kg	☼		11/10/12 18:26	1
trans-1,3-Dichloropropene	ND	H	0.0052	0.00091	mg/Kg	☼		11/10/12 18:26	1
Ethylbenzene	ND	H	0.0052	0.0014	mg/Kg	☼		11/10/12 18:26	1
2-Hexanone	ND	H	0.026	0.0035	mg/Kg	☼		11/10/12 18:26	1
Isopropylbenzene	ND	H	0.0052	0.0020	mg/Kg	☼		11/10/12 18:26	1
Methylene Chloride	ND	H	0.0052	0.0010	mg/Kg	☼		11/10/12 18:26	1
4-Methyl-2-pentanone	ND	H	0.026	0.0044	mg/Kg	☼		11/10/12 18:26	1
Methyl tert-butyl ether	ND	H	0.010	0.0010	mg/Kg	☼		11/10/12 18:26	1
Styrene	ND	H	0.0052	0.00098	mg/Kg	☼		11/10/12 18:26	1
1,1,2,2-Tetrachloroethane	ND	H	0.0052	0.0017	mg/Kg	☼		11/10/12 18:26	1
Tetrachloroethene	ND	H	0.0052	0.0020	mg/Kg	☼		11/10/12 18:26	1
Toluene	ND	H	0.0052	0.00088	mg/Kg	☼		11/10/12 18:26	1
1,2,3-Trichlorobenzene	ND	H	0.0052	0.0017	mg/Kg	☼		11/10/12 18:26	1
1,2,4-Trichlorobenzene	ND	H	0.0052	0.00093	mg/Kg	☼		11/10/12 18:26	1
1,1,1-Trichloroethane	ND	H	0.0052	0.00062	mg/Kg	☼		11/10/12 18:26	1
1,1,2-Trichloroethane	ND	H	0.0052	0.0014	mg/Kg	☼		11/10/12 18:26	1
Trichloroethene	ND	H	0.0052	0.0014	mg/Kg	☼		11/10/12 18:26	1
Trichlorofluoromethane	ND	H	0.0052	0.0013	mg/Kg	☼		11/10/12 18:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H	0.0052	0.0014	mg/Kg	☼		11/10/12 18:26	1
Vinyl chloride	ND	H	0.0052	0.0016	mg/Kg	☼		11/10/12 18:26	1
o-Xylene	ND	H	0.0052	0.0012	mg/Kg	☼		11/10/12 18:26	1
m-Xylene & p-Xylene	ND	H	0.010	0.0027	mg/Kg	☼		11/10/12 18:26	1
Cyclohexane	ND	H	0.010	0.0014	mg/Kg	☼		11/10/12 18:26	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: TMW-2

Date Collected: 10/26/12 13:45
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-16

Matrix: Solid
Percent Solids: 95.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	ND	H	0.010	0.0052	mg/Kg	☼		11/10/12 18:26	1
Methylcyclohexane	ND	H	0.010	0.00090	mg/Kg	☼		11/10/12 18:26	1
1,4-Dioxane	ND	H	0.052	0.052	mg/Kg	☼		11/10/12 18:26	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*	*H*	*mg/Kg*	☼				*11/10/12 18:26*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*65 - 130*		*11/10/12 18:26*	*1*
Dibromofluoromethane	*105*		*65 - 130*		*11/10/12 18:26*	*1*
Toluene-d8 (Surr)	*95*		*65 - 130*		*11/10/12 18:26*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.35	0.043	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Acenaphthylene	ND		0.35	0.038	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Acetophenone	ND		0.35	0.029	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Anthracene	ND		0.35	0.026	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Atrazine	ND		0.35	0.024	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Benzaldehyde	ND		0.35	0.061	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Benzo[a]anthracene	ND		0.35	0.028	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Benzo[a]pyrene	ND		0.35	0.054	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Benzo[b]fluoranthene	ND		0.35	0.040	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Benzo[g,h,i]perylene	ND		0.35	0.023	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Benzo[k]fluoranthene	ND		0.35	0.068	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
1,1'-Biphenyl	ND		0.35	0.78	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Bis(2-chloroethoxy)methane	ND		0.35	0.041	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Bis(2-chloroethyl)ether	ND		0.35	0.047	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
bis (2-chloroisopropyl) ether	ND		0.35	0.031	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Bis(2-ethylhexyl) phthalate	ND		0.35	0.030	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
4-Bromophenyl phenyl ether	ND		0.35	0.038	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Butyl benzyl phthalate	ND		0.35	0.027	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Caprolactam	ND		0.35	0.069	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Carbazole	ND		0.35	0.031	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
4-Chloroaniline	ND		0.69	0.054	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
4-Chloro-3-methylphenol	ND		0.35	0.037	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
2-Chloronaphthalene	ND		0.35	0.037	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
2-Chlorophenol	ND		0.35	0.042	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
4-Chlorophenyl phenyl ether	ND		0.35	0.046	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Chrysene	ND		0.35	0.022	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Dibenz(a,h)anthracene	ND		0.35	0.041	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Dibenzofuran	ND		0.35	0.035	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
3,3'-Dichlorobenzidine	ND		0.69	0.029	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
2,4-Dichlorophenol	ND		0.35	0.037	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Diethyl phthalate	ND		0.35	0.039	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
2,4-Dimethylphenol	ND		0.35	0.046	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Dimethyl phthalate	ND		0.35	0.036	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Di-n-butyl phthalate	ND		0.35	0.031	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
4,6-Dinitro-2-methylphenol	ND		1.8	0.18	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
2,4-Dinitrophenol	ND		1.8	0.87	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: TMW-2

Date Collected: 10/26/12 13:45
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-16

Matrix: Solid
Percent Solids: 95.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		0.35	0.051	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
2,6-Dinitrotoluene	ND		0.35	0.044	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Di-n-octyl phthalate	ND		0.35	0.030	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Fluoranthene	ND		0.35	0.034	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Fluorene	ND		0.35	0.038	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Hexachlorobenzene	ND		0.35	0.041	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Hexachlorobutadiene	ND		0.35	0.038	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Hexachlorocyclopentadiene	ND		0.35	0.043	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Hexachloroethane	ND		0.35	0.029	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Indeno[1,2,3-cd]pyrene	ND		0.35	0.029	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Isophorone	ND		0.35	0.035	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
2-Methylnaphthalene	ND		0.35	0.040	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
2-Methylphenol	ND		0.35	0.028	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
3 & 4 Methylphenol	ND		0.35	0.045	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Naphthalene	ND		0.35	0.031	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
2-Nitroaniline	ND		1.8	0.047	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
3-Nitroaniline	ND		1.8	0.048	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
4-Nitroaniline	ND		1.8	0.051	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Nitrobenzene	ND		0.35	0.027	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
2-Nitrophenol	ND		0.35	0.043	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
4-Nitrophenol	ND		1.8	0.35	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
N-Nitrosodi-n-propylamine	ND		0.35	0.034	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
N-Nitrosodiphenylamine	ND		0.35	0.035	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Pentachlorophenol	ND		1.8	0.35	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Phenanthrene	ND		0.35	0.028	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Phenol	ND		0.35	0.036	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
Pyrene	ND		0.35	0.028	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
1,2,4,5-Tetrachlorobenzene	ND		0.35	0.032	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
2,3,4,6-Tetrachlorophenol	ND		0.35	0.023	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
2,4,5-Trichlorophenol	ND		0.35	0.037	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1
2,4,6-Trichlorophenol	ND		0.35	0.030	mg/Kg	☼	10/30/12 16:46	11/08/12 23:05	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Oleic Acid	*0.21*	*T J N*	*mg/Kg*	☼	*11.43*	*112-80-1*	*10/30/12 16:46*	*11/08/12 23:05*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*67*		*58 - 130*	*10/30/12 16:46*	*11/08/12 23:05*	*1*
2-Fluorophenol	*63*		*40 - 130*	*10/30/12 16:46*	*11/08/12 23:05*	*1*
Nitrobenzene-d5	*62*		*46 - 130*	*10/30/12 16:46*	*11/08/12 23:05*	*1*
Phenol-d5	*66*		*49 - 130*	*10/30/12 16:46*	*11/08/12 23:05*	*1*
Terphenyl-d14	*75*		*60 - 130*	*10/30/12 16:46*	*11/08/12 23:05*	*1*
2,4,6-Tribromophenol	*72*		*58 - 130*	*10/30/12 16:46*	*11/08/12 23:05*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.0	0.52	mg/Kg	☼	10/31/12 10:47	11/01/12 23:59	1
Arsenic	**0.52**		0.26	0.10	mg/Kg	☼	10/31/12 10:47	11/01/12 23:59	1
Beryllium	ND		0.052	0.026	mg/Kg	☼	10/31/12 10:47	11/01/12 23:59	1
Cadmium	ND		0.052	0.012	mg/Kg	☼	10/31/12 10:47	11/01/12 23:59	1
Chromium	**1.8**		0.52	0.26	mg/Kg	☼	10/31/12 10:47	11/01/12 23:59	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: TMW-2

Date Collected: 10/26/12 13:45
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-16

Matrix: Solid
Percent Solids: 95.3

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	1.2	B	0.52	0.21	mg/Kg	☼	10/31/12 10:47	11/13/12 15:53	1
Iron	970	B	26	10	mg/Kg	☼	10/31/12 10:47	11/13/12 15:53	1
Lead	3.5		0.21	0.10	mg/Kg	☼	10/31/12 10:47	11/01/12 23:59	1
Manganese	4.8		1.0	0.52	mg/Kg	☼	10/31/12 10:47	11/01/12 23:59	1
Nickel	0.72		0.52	0.26	mg/Kg	☼	10/31/12 10:47	11/01/12 23:59	1
Selenium	ND		0.52	0.26	mg/Kg	☼	10/31/12 10:47	11/01/12 23:59	1
Silver	ND		0.10	0.052	mg/Kg	☼	10/31/12 10:47	11/01/12 23:59	1
Thallium	ND		0.10	0.026	mg/Kg	☼	10/31/12 10:47	11/01/12 23:59	1
Zinc	5.8		2.1	0.57	mg/Kg	☼	10/31/12 10:47	11/13/12 15:53	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.0083	mg/Kg	☼	10/30/12 17:45	11/06/12 20:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.85		0.31	0.14	mg/Kg	☼	10/31/12 16:21	10/31/12 19:13	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		5.3	1.6	mg/Kg	☼		11/08/12 04:39	5
Sulfate	ND		110	21	mg/Kg	☼		11/08/12 14:11	5

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: TMW-7

Date Collected: 10/26/12 14:00
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-17

Matrix: Solid
Percent Solids: 92.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	H	0.054	0.012	mg/Kg	☼		11/10/12 18:49	1
Benzene	ND	H	0.0054	0.00079	mg/Kg	☼		11/10/12 18:49	1
Bromochloromethane	ND	H	0.0054	0.0036	mg/Kg	☼		11/10/12 18:49	1
Bromodichloromethane	ND	H	0.0054	0.0010	mg/Kg	☼		11/10/12 18:49	1
Bromoform	ND	H	0.0054	0.0016	mg/Kg	☼		11/10/12 18:49	1
Bromomethane	ND	H	0.0054	0.0016	mg/Kg	☼		11/10/12 18:49	1
2-Butanone	ND	H *	0.027	0.0026	mg/Kg	☼		11/10/12 18:49	1
Carbon disulfide	ND	H	0.0054	0.0012	mg/Kg	☼		11/10/12 18:49	1
Carbon tetrachloride	ND	H	0.0054	0.00090	mg/Kg	☼		11/10/12 18:49	1
Chlorobenzene	ND	H	0.0054	0.0010	mg/Kg	☼		11/10/12 18:49	1
Chloroethane	ND	H	0.0054	0.0029	mg/Kg	☼		11/10/12 18:49	1
Chloroform	ND	H	0.0054	0.0012	mg/Kg	☼		11/10/12 18:49	1
Chloromethane	ND	H	0.0054	0.0011	mg/Kg	☼		11/10/12 18:49	1
Dibromochloromethane	ND	H	0.0054	0.0018	mg/Kg	☼		11/10/12 18:49	1
1,2-Dibromo-3-Chloropropane	ND	H	0.011	0.0048	mg/Kg	☼		11/10/12 18:49	1
1,2-Dibromoethane	ND	H	0.0054	0.0016	mg/Kg	☼		11/10/12 18:49	1
1,2-Dichlorobenzene	ND	H	0.0054	0.0014	mg/Kg	☼		11/10/12 18:49	1
1,3-Dichlorobenzene	ND	H	0.0054	0.0017	mg/Kg	☼		11/10/12 18:49	1
1,4-Dichlorobenzene	ND	H	0.0054	0.00080	mg/Kg	☼		11/10/12 18:49	1
Dichlorodifluoromethane	ND	H	0.0054	0.0010	mg/Kg	☼		11/10/12 18:49	1
1,1-Dichloroethane	ND	H	0.0054	0.0012	mg/Kg	☼		11/10/12 18:49	1
1,2-Dichloroethane	ND	H	0.0054	0.0012	mg/Kg	☼		11/10/12 18:49	1
cis-1,2-Dichloroethene	ND	H	0.0054	0.0015	mg/Kg	☼		11/10/12 18:49	1
trans-1,2-Dichloroethene	ND	H	0.0054	0.00068	mg/Kg	☼		11/10/12 18:49	1
1,1-Dichloroethene	ND	H	0.0054	0.0016	mg/Kg	☼		11/10/12 18:49	1
1,2-Dichloropropane	ND	H	0.0054	0.00093	mg/Kg	☼		11/10/12 18:49	1
cis-1,3-Dichloropropene	ND	H	0.0054	0.00090	mg/Kg	☼		11/10/12 18:49	1
trans-1,3-Dichloropropene	ND	H	0.0054	0.00094	mg/Kg	☼		11/10/12 18:49	1
Ethylbenzene	ND	H	0.0054	0.0014	mg/Kg	☼		11/10/12 18:49	1
2-Hexanone	ND	H	0.027	0.0036	mg/Kg	☼		11/10/12 18:49	1
Isopropylbenzene	ND	H	0.0054	0.0021	mg/Kg	☼		11/10/12 18:49	1
Methylene Chloride	ND	H	0.0054	0.0011	mg/Kg	☼		11/10/12 18:49	1
4-Methyl-2-pentanone	ND	H	0.027	0.0045	mg/Kg	☼		11/10/12 18:49	1
Methyl tert-butyl ether	ND	H	0.011	0.0011	mg/Kg	☼		11/10/12 18:49	1
Styrene	ND	H	0.0054	0.0010	mg/Kg	☼		11/10/12 18:49	1
1,1,2,2-Tetrachloroethane	ND	H	0.0054	0.0017	mg/Kg	☼		11/10/12 18:49	1
Tetrachloroethene	ND	H	0.0054	0.0021	mg/Kg	☼		11/10/12 18:49	1
Toluene	ND	H	0.0054	0.00091	mg/Kg	☼		11/10/12 18:49	1
1,2,3-Trichlorobenzene	ND	H	0.0054	0.0017	mg/Kg	☼		11/10/12 18:49	1
1,2,4-Trichlorobenzene	ND	H	0.0054	0.00096	mg/Kg	☼		11/10/12 18:49	1
1,1,1-Trichloroethane	ND	H	0.0054	0.00064	mg/Kg	☼		11/10/12 18:49	1
1,1,2-Trichloroethane	ND	H	0.0054	0.0014	mg/Kg	☼		11/10/12 18:49	1
Trichloroethene	ND	H	0.0054	0.0014	mg/Kg	☼		11/10/12 18:49	1
Trichlorofluoromethane	ND	H	0.0054	0.0013	mg/Kg	☼		11/10/12 18:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H	0.0054	0.0014	mg/Kg	☼		11/10/12 18:49	1
Vinyl chloride	ND	H	0.0054	0.0016	mg/Kg	☼		11/10/12 18:49	1
o-Xylene	ND	H	0.0054	0.0012	mg/Kg	☼		11/10/12 18:49	1
m-Xylene & p-Xylene	ND	H	0.011	0.0028	mg/Kg	☼		11/10/12 18:49	1
Cyclohexane	ND	H	0.011	0.0014	mg/Kg	☼		11/10/12 18:49	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: TMW-7

Date Collected: 10/26/12 14:00
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-17

Matrix: Solid
Percent Solids: 92.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	ND	H	0.011	0.0054	mg/Kg	☼		11/10/12 18:49	1
Methylcyclohexane	ND	H	0.011	0.00093	mg/Kg	☼		11/10/12 18:49	1
1,4-Dioxane	ND	H	0.054	0.054	mg/Kg	☼		11/10/12 18:49	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*	*H*	*mg/Kg*	☼				*11/10/12 18:49*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*65 - 130*		*11/10/12 18:49*	*1*
Dibromofluoromethane	*105*		*65 - 130*		*11/10/12 18:49*	*1*
Toluene-d8 (Surr)	*95*		*65 - 130*		*11/10/12 18:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.35	0.044	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Acenaphthylene	ND		0.35	0.039	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Acetophenone	ND		0.35	0.030	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Anthracene	ND		0.35	0.027	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Atrazine	ND		0.35	0.025	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Benzaldehyde	ND		0.35	0.062	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Benzo[a]anthracene	ND		0.35	0.029	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Benzo[a]pyrene	ND		0.35	0.056	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Benzo[b]fluoranthene	ND		0.35	0.041	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Benzo[g,h,i]perylene	ND		0.35	0.024	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Benzo[k]fluoranthene	ND		0.35	0.070	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
1,1'-Biphenyl	ND		0.35	0.79	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Bis(2-chloroethoxy)methane	ND		0.35	0.042	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Bis(2-chloroethyl)ether	ND		0.35	0.048	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
bis (2-chloroisopropyl) ether	ND		0.35	0.032	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Bis(2-ethylhexyl) phthalate	ND		0.35	0.031	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
4-Bromophenyl phenyl ether	ND		0.35	0.039	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Butyl benzyl phthalate	ND		0.35	0.028	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Caprolactam	ND		0.35	0.071	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Carbazole	ND		0.35	0.032	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
4-Chloroaniline	ND		0.71	0.056	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
4-Chloro-3-methylphenol	ND		0.35	0.037	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
2-Chloronaphthalene	ND		0.35	0.037	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
2-Chlorophenol	ND		0.35	0.043	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
4-Chlorophenyl phenyl ether	ND		0.35	0.047	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Chrysene	ND		0.35	0.022	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Dibenz(a,h)anthracene	ND		0.35	0.042	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Dibenzofuran	ND		0.35	0.035	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
3,3'-Dichlorobenzidine	ND		0.71	0.030	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
2,4-Dichlorophenol	ND		0.35	0.037	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Diethyl phthalate	ND		0.35	0.040	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
2,4-Dimethylphenol	ND		0.35	0.047	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Dimethyl phthalate	ND		0.35	0.036	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Di-n-butyl phthalate	ND		0.35	0.032	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
4,6-Dinitro-2-methylphenol	ND		1.8	0.18	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
2,4-Dinitrophenol	ND		1.8	0.89	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: TMW-7

Date Collected: 10/26/12 14:00
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-17

Matrix: Solid
Percent Solids: 92.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		0.35	0.052	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
2,6-Dinitrotoluene	ND		0.35	0.045	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Di-n-octyl phthalate	ND		0.35	0.031	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Fluoranthene	ND		0.35	0.034	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Fluorene	ND		0.35	0.039	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Hexachlorobenzene	ND		0.35	0.042	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Hexachlorobutadiene	ND		0.35	0.039	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Hexachlorocyclopentadiene	ND		0.35	0.044	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Hexachloroethane	ND		0.35	0.030	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Indeno[1,2,3-cd]pyrene	ND		0.35	0.030	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Isophorone	ND		0.35	0.035	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
2-Methylnaphthalene	ND		0.35	0.041	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
2-Methylphenol	ND		0.35	0.029	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
3 & 4 Methylphenol	ND		0.35	0.046	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Naphthalene	ND		0.35	0.032	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
2-Nitroaniline	ND		1.8	0.048	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
3-Nitroaniline	ND		1.8	0.049	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
4-Nitroaniline	ND		1.8	0.052	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Nitrobenzene	ND		0.35	0.028	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
2-Nitrophenol	ND		0.35	0.044	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
4-Nitrophenol	ND		1.8	0.35	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
N-Nitrosodi-n-propylamine	ND		0.35	0.034	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
N-Nitrosodiphenylamine	ND		0.35	0.035	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Pentachlorophenol	ND		1.8	0.35	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Phenanthrene	ND		0.35	0.029	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Phenol	ND		0.35	0.036	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
Pyrene	ND		0.35	0.029	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
1,2,4,5-Tetrachlorobenzene	ND		0.35	0.033	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
2,3,4,6-Tetrachlorophenol	ND		0.35	0.024	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
2,4,5-Trichlorophenol	ND		0.35	0.037	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1
2,4,6-Trichlorophenol	ND		0.35	0.031	mg/Kg	☼	10/30/12 16:46	11/08/12 23:33	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Oleic Acid	*0.30*	*T J N*	*mg/Kg*	☼	*11.43*	*112-80-1*	*10/30/12 16:46*	*11/08/12 23:33*	*1*
Heneicosane, 11-decyl-	*0.28*	*T J N*	*mg/Kg*	☼	*14.87*	*55320-06-4*	*10/30/12 16:46*	*11/08/12 23:33*	*1*
Heneicosane	*0.79*	*T J N*	*mg/Kg*	☼	*15.92*	*629-94-7*	*10/30/12 16:46*	*11/08/12 23:33*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*57*	*X*	*58 - 130*	*10/30/12 16:46*	*11/08/12 23:33*	*1*
2-Fluorophenol	*59*		*40 - 130*	*10/30/12 16:46*	*11/08/12 23:33*	*1*
Nitrobenzene-d5	*56*		*46 - 130*	*10/30/12 16:46*	*11/08/12 23:33*	*1*
Phenol-d5	*59*		*49 - 130*	*10/30/12 16:46*	*11/08/12 23:33*	*1*
Terphenyl-d14	*67*		*60 - 130*	*10/30/12 16:46*	*11/08/12 23:33*	*1*
2,4,6-Tribromophenol	*64*		*58 - 130*	*10/30/12 16:46*	*11/08/12 23:33*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.1	0.54	mg/Kg	☼	10/29/12 11:14	11/01/12 05:28	1
Arsenic	**0.98**	**B**	0.27	0.11	mg/Kg	☼	10/29/12 11:14	11/01/12 05:28	1
Beryllium	**0.046**	**J**	0.054	0.027	mg/Kg	☼	10/29/12 11:14	11/01/12 05:28	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: TMW-7

Date Collected: 10/26/12 14:00
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-17

Matrix: Solid
Percent Solids: 92.5

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.062		0.054	0.013	mg/Kg	☼	10/29/12 11:14	11/01/12 05:28	1
Chromium	6.2		0.54	0.27	mg/Kg	☼	10/29/12 11:14	11/01/12 05:28	1
Copper	4.9		0.54	0.21	mg/Kg	☼	10/29/12 11:14	11/01/12 05:28	1
Iron	2700		27	11	mg/Kg	☼	10/29/12 11:14	11/01/12 05:28	1
Lead	9.2		0.21	0.11	mg/Kg	☼	10/29/12 11:14	11/01/12 05:28	1
Manganese	16		1.1	0.54	mg/Kg	☼	10/29/12 11:14	11/01/12 05:28	1
Nickel	1.4		0.54	0.27	mg/Kg	☼	10/29/12 11:14	11/01/12 05:28	1
Selenium	ND		0.54	0.27	mg/Kg	☼	10/29/12 11:14	11/01/12 05:28	1
Silver	ND		0.11	0.054	mg/Kg	☼	10/29/12 11:14	11/01/12 05:28	1
Thallium	ND		0.11	0.027	mg/Kg	☼	10/29/12 11:14	11/01/12 05:28	1
Zinc	17		2.1	0.59	mg/Kg	☼	10/29/12 11:14	11/01/12 05:28	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.015	J	0.021	0.0087	mg/Kg	☼	10/30/12 17:45	11/06/12 20:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	1.4		0.32	0.14	mg/Kg	☼	10/31/12 16:21	10/31/12 19:13	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	4.3	J	5.4	1.6	mg/Kg	☼		11/08/12 04:55	5
Sulfate	23	J	110	21	mg/Kg	☼		11/08/12 14:24	5

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: TMW-8
Date Collected: 10/26/12 14:15
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-18
Matrix: Solid
Percent Solids: 90.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	H	0.055	0.012	mg/Kg	☼		11/10/12 19:11	1
Benzene	ND	H	0.0055	0.00080	mg/Kg	☼		11/10/12 19:11	1
Bromochloromethane	ND	H	0.0055	0.0036	mg/Kg	☼		11/10/12 19:11	1
Bromodichloromethane	ND	H	0.0055	0.0011	mg/Kg	☼		11/10/12 19:11	1
Bromoform	ND	H	0.0055	0.0017	mg/Kg	☼		11/10/12 19:11	1
Bromomethane	ND	H	0.0055	0.0017	mg/Kg	☼		11/10/12 19:11	1
2-Butanone	ND	H *	0.028	0.0026	mg/Kg	☼		11/10/12 19:11	1
Carbon disulfide	ND	H	0.0055	0.0012	mg/Kg	☼		11/10/12 19:11	1
Carbon tetrachloride	ND	H	0.0055	0.00091	mg/Kg	☼		11/10/12 19:11	1
Chlorobenzene	ND	H	0.0055	0.0011	mg/Kg	☼		11/10/12 19:11	1
Chloroethane	ND	H	0.0055	0.0030	mg/Kg	☼		11/10/12 19:11	1
Chloroform	ND	H	0.0055	0.0012	mg/Kg	☼		11/10/12 19:11	1
Chloromethane	ND	H	0.0055	0.0011	mg/Kg	☼		11/10/12 19:11	1
Dibromochloromethane	ND	H	0.0055	0.0019	mg/Kg	☼		11/10/12 19:11	1
1,2-Dibromo-3-Chloropropane	ND	H	0.011	0.0048	mg/Kg	☼		11/10/12 19:11	1
1,2-Dibromoethane	ND	H	0.0055	0.0017	mg/Kg	☼		11/10/12 19:11	1
1,2-Dichlorobenzene	ND	H	0.0055	0.0014	mg/Kg	☼		11/10/12 19:11	1
1,3-Dichlorobenzene	ND	H	0.0055	0.0018	mg/Kg	☼		11/10/12 19:11	1
1,4-Dichlorobenzene	ND	H	0.0055	0.00081	mg/Kg	☼		11/10/12 19:11	1
Dichlorodifluoromethane	ND	H	0.0055	0.0010	mg/Kg	☼		11/10/12 19:11	1
1,1-Dichloroethane	ND	H	0.0055	0.0012	mg/Kg	☼		11/10/12 19:11	1
1,2-Dichloroethane	ND	H	0.0055	0.0012	mg/Kg	☼		11/10/12 19:11	1
cis-1,2-Dichloroethene	ND	H	0.0055	0.0015	mg/Kg	☼		11/10/12 19:11	1
trans-1,2-Dichloroethene	ND	H	0.0055	0.00069	mg/Kg	☼		11/10/12 19:11	1
1,1-Dichloroethene	ND	H	0.0055	0.0017	mg/Kg	☼		11/10/12 19:11	1
1,2-Dichloropropane	ND	H	0.0055	0.00095	mg/Kg	☼		11/10/12 19:11	1
cis-1,3-Dichloropropene	ND	H	0.0055	0.00091	mg/Kg	☼		11/10/12 19:11	1
trans-1,3-Dichloropropene	ND	H	0.0055	0.00096	mg/Kg	☼		11/10/12 19:11	1
Ethylbenzene	ND	H	0.0055	0.0014	mg/Kg	☼		11/10/12 19:11	1
2-Hexanone	ND	H	0.028	0.0036	mg/Kg	☼		11/10/12 19:11	1
Isopropylbenzene	ND	H	0.0055	0.0021	mg/Kg	☼		11/10/12 19:11	1
Methylene Chloride	ND	H	0.0055	0.0011	mg/Kg	☼		11/10/12 19:11	1
4-Methyl-2-pentanone	ND	H	0.028	0.0046	mg/Kg	☼		11/10/12 19:11	1
Methyl tert-butyl ether	ND	H	0.011	0.0011	mg/Kg	☼		11/10/12 19:11	1
Styrene	ND	H	0.0055	0.0010	mg/Kg	☼		11/10/12 19:11	1
1,1,2,2-Tetrachloroethane	ND	H	0.0055	0.0018	mg/Kg	☼		11/10/12 19:11	1
Tetrachloroethene	ND	H	0.0055	0.0021	mg/Kg	☼		11/10/12 19:11	1
Toluene	ND	H	0.0055	0.00092	mg/Kg	☼		11/10/12 19:11	1
1,2,3-Trichlorobenzene	ND	H	0.0055	0.0018	mg/Kg	☼		11/10/12 19:11	1
1,2,4-Trichlorobenzene	ND	H	0.0055	0.00098	mg/Kg	☼		11/10/12 19:11	1
1,1,1-Trichloroethane	ND	H	0.0055	0.00065	mg/Kg	☼		11/10/12 19:11	1
1,1,2-Trichloroethane	ND	H	0.0055	0.0014	mg/Kg	☼		11/10/12 19:11	1
Trichloroethene	ND	H	0.0055	0.0014	mg/Kg	☼		11/10/12 19:11	1
Trichlorofluoromethane	ND	H	0.0055	0.0013	mg/Kg	☼		11/10/12 19:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H	0.0055	0.0014	mg/Kg	☼		11/10/12 19:11	1
Vinyl chloride	ND	H	0.0055	0.0017	mg/Kg	☼		11/10/12 19:11	1
o-Xylene	ND	H	0.0055	0.0012	mg/Kg	☼		11/10/12 19:11	1
m-Xylene & p-Xylene	ND	H	0.011	0.0029	mg/Kg	☼		11/10/12 19:11	1
Cyclohexane	ND	H	0.011	0.0014	mg/Kg	☼		11/10/12 19:11	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: TMW-8

Date Collected: 10/26/12 14:15
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-18

Matrix: Solid
Percent Solids: 90.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	ND	H	0.011	0.0055	mg/Kg	☼		11/10/12 19:11	1
Methylcyclohexane	ND	H	0.011	0.00095	mg/Kg	☼		11/10/12 19:11	1
1,4-Dioxane	ND	H	0.055	0.055	mg/Kg	☼		11/10/12 19:11	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*	*H*	*mg/Kg*	☼				*11/10/12 19:11*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*65 - 130*		*11/10/12 19:11*	*1*
Dibromofluoromethane	*106*		*65 - 130*		*11/10/12 19:11*	*1*
Toluene-d8 (Surr)	*95*		*65 - 130*		*11/10/12 19:11*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.36	0.045	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Acenaphthylene	ND		0.36	0.039	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Acetophenone	ND		0.36	0.031	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Anthracene	ND		0.36	0.027	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Atrazine	ND		0.36	0.025	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Benzaldehyde	ND		0.36	0.064	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Benzo[a]anthracene	ND		0.36	0.030	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Benzo[a]pyrene	ND		0.36	0.057	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Benzo[b]fluoranthene	ND		0.36	0.042	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Benzo[g,h,i]perylene	ND		0.36	0.024	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Benzo[k]fluoranthene	ND		0.36	0.071	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
1,1'-Biphenyl	ND		0.36	0.81	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Bis(2-chloroethoxy)methane	ND		0.36	0.043	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Bis(2-chloroethyl)ether	ND		0.36	0.049	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
bis (2-chloroisopropyl) ether	ND		0.36	0.033	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Bis(2-ethylhexyl) phthalate	ND		0.36	0.032	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
4-Bromophenyl phenyl ether	ND		0.36	0.039	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Butyl benzyl phthalate	ND		0.36	0.028	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Caprolactam	ND		0.36	0.072	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Carbazole	ND		0.36	0.033	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
4-Chloroaniline	ND		0.72	0.057	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
4-Chloro-3-methylphenol	ND		0.36	0.038	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
2-Chloronaphthalene	ND		0.36	0.038	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
2-Chlorophenol	ND		0.36	0.044	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
4-Chlorophenyl phenyl ether	ND		0.36	0.048	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Chrysene	ND		0.36	0.023	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Dibenz(a,h)anthracene	ND		0.36	0.043	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Dibenzofuran	ND		0.36	0.036	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
3,3'-Dichlorobenzidine	ND		0.72	0.031	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
2,4-Dichlorophenol	ND		0.36	0.038	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Diethyl phthalate	ND		0.36	0.041	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
2,4-Dimethylphenol	ND		0.36	0.048	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Dimethyl phthalate	ND		0.36	0.037	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Di-n-butyl phthalate	ND		0.36	0.033	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
4,6-Dinitro-2-methylphenol	ND		1.9	0.19	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
2,4-Dinitrophenol	ND		1.9	0.91	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: TMW-8

Date Collected: 10/26/12 14:15
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-18

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
2,4-Dinitrotoluene	ND		0.36	0.054	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
2,6-Dinitrotoluene	ND		0.36	0.046	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Di-n-octyl phthalate	ND		0.36	0.032	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Fluoranthene	ND		0.36	0.035	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Fluorene	ND		0.36	0.039	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Hexachlorobenzene	ND		0.36	0.043	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Hexachlorobutadiene	ND		0.36	0.039	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Hexachlorocyclopentadiene	ND		0.36	0.045	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Hexachloroethane	ND		0.36	0.031	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Indeno[1,2,3-cd]pyrene	ND		0.36	0.031	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Isophorone	ND		0.36	0.036	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
2-Methylnaphthalene	ND		0.36	0.042	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
2-Methylphenol	ND		0.36	0.030	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
3 & 4 Methylphenol	ND		0.36	0.047	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Naphthalene	ND		0.36	0.033	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
2-Nitroaniline	ND		1.9	0.049	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
3-Nitroaniline	ND		1.9	0.050	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
4-Nitroaniline	ND		1.9	0.054	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Nitrobenzene	ND		0.36	0.028	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
2-Nitrophenol	ND		0.36	0.045	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
4-Nitrophenol	ND		1.9	0.36	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
N-Nitrosodi-n-propylamine	ND		0.36	0.035	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
N-Nitrosodiphenylamine	ND		0.36	0.036	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Pentachlorophenol	ND		1.9	0.36	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Phenanthrene	ND		0.36	0.030	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Phenol	ND		0.36	0.037	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
Pyrene	ND		0.36	0.030	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
1,2,4,5-Tetrachlorobenzene	ND		0.36	0.034	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
2,3,4,6-Tetrachlorophenol	ND		0.36	0.024	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
2,4,5-Trichlorophenol	ND		0.36	0.038	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1
2,4,6-Trichlorophenol	ND		0.36	0.032	mg/Kg	☼	10/30/12 16:46	11/09/12 00:00	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Benzene, 1-methyl-4-(1-methylethyl)-	*0.22*	*T J N*	*mg/Kg*	☼	*5.43*	*99-87-6*	*10/30/12 16:46*	*11/09/12 00:00*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*69*		*58 - 130*	*10/30/12 16:46*	*11/09/12 00:00*	*1*
2-Fluorophenol	*64*		*40 - 130*	*10/30/12 16:46*	*11/09/12 00:00*	*1*
Nitrobenzene-d5	*65*		*46 - 130*	*10/30/12 16:46*	*11/09/12 00:00*	*1*
Phenol-d5	*65*		*49 - 130*	*10/30/12 16:46*	*11/09/12 00:00*	*1*
Terphenyl-d14	*79*		*60 - 130*	*10/30/12 16:46*	*11/09/12 00:00*	*1*
2,4,6-Tribromophenol	*74*		*58 - 130*	*10/30/12 16:46*	*11/09/12 00:00*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.1	0.54	mg/Kg	☼	10/29/12 11:14	11/01/12 05:35	1
Arsenic	**0.78**	**B**	0.27	0.11	mg/Kg	☼	10/29/12 11:14	11/01/12 05:35	1
Beryllium	**0.050**	**J**	0.054	0.027	mg/Kg	☼	10/29/12 11:14	11/01/12 05:35	1
Cadmium	**0.022**	**J**	0.054	0.013	mg/Kg	☼	10/29/12 11:14	11/01/12 05:35	1
Chromium	**4.0**		0.54	0.27	mg/Kg	☼	10/29/12 11:14	11/01/12 05:35	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: TMW-8

Date Collected: 10/26/12 14:15
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-18

Matrix: Solid
Percent Solids: 90.9

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	1.0		0.54	0.22	mg/Kg	☼	10/29/12 11:14	11/01/12 05:35	1
Iron	1900		27	11	mg/Kg	☼	10/29/12 11:14	11/01/12 05:35	1
Lead	2.4		0.22	0.11	mg/Kg	☼	10/29/12 11:14	11/01/12 05:35	1
Manganese	6.0		1.1	0.54	mg/Kg	☼	10/29/12 11:14	11/01/12 05:35	1
Nickel	1.2		0.54	0.27	mg/Kg	☼	10/29/12 11:14	11/01/12 05:35	1
Selenium	ND		0.54	0.27	mg/Kg	☼	10/29/12 11:14	11/01/12 05:35	1
Silver	ND		0.11	0.054	mg/Kg	☼	10/29/12 11:14	11/01/12 05:35	1
Thallium	ND		0.11	0.027	mg/Kg	☼	10/29/12 11:14	11/01/12 05:35	1
Zinc	3.5		2.2	0.60	mg/Kg	☼	10/29/12 11:14	11/01/12 05:35	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.022	0.0088	mg/Kg	☼	10/30/12 17:45	11/06/12 20:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.84		0.33	0.14	mg/Kg	☼	10/31/12 16:21	10/31/12 19:13	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		5.5	1.7	mg/Kg	☼		11/08/12 05:10	5
Sulfate	32	J	110	22	mg/Kg	☼		11/08/12 14:36	5

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: Equip Blank-1

Lab Sample ID: 680-84192-19

Date Collected: 10/26/12 14:30

Matrix: Water

Date Received: 10/27/12 10:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	5.0	ug/L			11/06/12 17:09	1
Benzene	ND		1.0	0.25	ug/L			11/06/12 17:09	1
Bromochloromethane	ND		1.0	0.14	ug/L			11/06/12 17:09	1
Bromodichloromethane	ND		1.0	0.25	ug/L			11/06/12 17:09	1
Bromoform	ND		1.0	0.50	ug/L			11/06/12 17:09	1
Bromomethane	ND		1.0	0.80	ug/L			11/06/12 17:09	1
2-Butanone	ND		10	1.0	ug/L			11/06/12 17:09	1
Carbon disulfide	ND		2.0	0.60	ug/L			11/06/12 17:09	1
Carbon tetrachloride	ND		1.0	0.50	ug/L			11/06/12 17:09	1
Chlorobenzene	ND		1.0	0.25	ug/L			11/06/12 17:09	1
Chloroethane	ND		1.0	1.0	ug/L			11/06/12 17:09	1
Chloroform	ND		1.0	0.14	ug/L			11/06/12 17:09	1
Chloromethane	ND		1.0	0.33	ug/L			11/06/12 17:09	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			11/06/12 17:09	1
cis-1,3-Dichloropropene	ND		1.0	0.11	ug/L			11/06/12 17:09	1
Cyclohexane	ND		1.0	0.25	ug/L			11/06/12 17:09	1
Dibromochloromethane	ND		1.0	0.10	ug/L			11/06/12 17:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.44	ug/L			11/06/12 17:09	1
1,2-Dibromoethane	ND		1.0	0.25	ug/L			11/06/12 17:09	1
1,2-Dichlorobenzene	ND		1.0	0.21	ug/L			11/06/12 17:09	1
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L			11/06/12 17:09	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			11/06/12 17:09	1
Dichlorodifluoromethane	ND		1.0	0.25	ug/L			11/06/12 17:09	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			11/06/12 17:09	1
1,2-Dichloroethane	ND		1.0	0.10	ug/L			11/06/12 17:09	1
1,1-Dichloroethene	ND		1.0	0.11	ug/L			11/06/12 17:09	1
1,2-Dichloropropane	ND		1.0	0.13	ug/L			11/06/12 17:09	1
1,4-Dioxane	ND		50	50	ug/L			11/06/12 17:09	1
Ethylbenzene	ND		1.0	0.11	ug/L			11/06/12 17:09	1
2-Hexanone	ND		10	1.0	ug/L			11/06/12 17:09	1
Isopropylbenzene	ND		1.0	0.10	ug/L			11/06/12 17:09	1
Methyl acetate	ND		1.0	0.19	ug/L			11/06/12 17:09	1
Methylcyclohexane	ND		1.0	0.10	ug/L			11/06/12 17:09	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/06/12 17:09	1
4-Methyl-2-pentanone	ND		10	1.0	ug/L			11/06/12 17:09	1
Methyl tert-butyl ether	ND		10	0.20	ug/L			11/06/12 17:09	1
m-Xylene & p-Xylene	ND		2.0	0.20	ug/L			11/06/12 17:09	1
o-Xylene	ND		1.0	0.25	ug/L			11/06/12 17:09	1
Styrene	ND		1.0	0.11	ug/L			11/06/12 17:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			11/06/12 17:09	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/06/12 17:09	1
Toluene	ND		1.0	0.33	ug/L			11/06/12 17:09	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			11/06/12 17:09	1
trans-1,3-Dichloropropene	ND		1.0	0.21	ug/L			11/06/12 17:09	1
1,2,3-Trichlorobenzene	ND		1.0	0.35	ug/L			11/06/12 17:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			11/06/12 17:09	1
1,1,1-Trichloroethane	ND		1.0	0.50	ug/L			11/06/12 17:09	1
1,1,2-Trichloroethane	ND		1.0	0.13	ug/L			11/06/12 17:09	1
Trichloroethene	**0.19**	**J**	1.0	0.13	ug/L			11/06/12 17:09	1

Client Sample ID: Equip Blank-1

Lab Sample ID: 680-84192-19

Date Collected: 10/26/12 14:30

Matrix: Water

Date Received: 10/27/12 10:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		1.0	0.25	ug/L			11/06/12 17:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.50	ug/L			11/06/12 17:09	1
Vinyl chloride	ND	*	1.0	0.18	ug/L			11/06/12 17:09	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*11/06/12 17:09*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/06/12 17:09*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*11/06/12 17:09*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/06/12 17:09*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.5	0.72	ug/L		11/02/12 15:31	11/08/12 02:25	1
Acenaphthylene	ND		9.5	0.81	ug/L		11/02/12 15:31	11/08/12 02:25	1
Acetophenone	ND		9.5	0.54	ug/L		11/02/12 15:31	11/08/12 02:25	1
Anthracene	ND		9.5	0.65	ug/L		11/02/12 15:31	11/08/12 02:25	1
Atrazine	ND		9.5	1.1	ug/L		11/02/12 15:31	11/08/12 02:25	1
Benzaldehyde	ND		9.5	1.0	ug/L		11/02/12 15:31	11/08/12 02:25	1
Benzo[a]anthracene	ND		9.5	0.52	ug/L		11/02/12 15:31	11/08/12 02:25	1
Benzo[a]pyrene	ND		9.5	0.67	ug/L		11/02/12 15:31	11/08/12 02:25	1
Benzo[b]fluoranthene	ND		9.5	2.5	ug/L		11/02/12 15:31	11/08/12 02:25	1
Benzo[g,h,i]perylene	ND		9.5	0.83	ug/L		11/02/12 15:31	11/08/12 02:25	1
Benzo[k]fluoranthene	ND		9.5	1.1	ug/L		11/02/12 15:31	11/08/12 02:25	1
1,1'-Biphenyl	ND		9.5	0.55	ug/L		11/02/12 15:31	11/08/12 02:25	1
Bis(2-chloroethoxy)methane	ND		9.5	0.89	ug/L		11/02/12 15:31	11/08/12 02:25	1
Bis(2-chloroethyl)ether	ND		9.5	1.0	ug/L		11/02/12 15:31	11/08/12 02:25	1
2,2'-oxybis[1-chloropropane]	ND		9.5	0.74	ug/L		11/02/12 15:31	11/08/12 02:25	1
Bis(2-ethylhexyl) phthalate	ND		9.5	1.5	ug/L		11/02/12 15:31	11/08/12 02:25	1
4-Bromophenyl phenyl ether	ND		9.5	0.73	ug/L		11/02/12 15:31	11/08/12 02:25	1
Butyl benzyl phthalate	ND		9.5	1.1	ug/L		11/02/12 15:31	11/08/12 02:25	1
Caprolactam	ND		9.5	0.75	ug/L		11/02/12 15:31	11/08/12 02:25	1
Carbazole	ND		9.5	0.67	ug/L		11/02/12 15:31	11/08/12 02:25	1
4-Chloroaniline	ND		19	2.1	ug/L		11/02/12 15:31	11/08/12 02:25	1
4-Chloro-3-methylphenol	ND		9.5	0.95	ug/L		11/02/12 15:31	11/08/12 02:25	1
2-Chloronaphthalene	ND		9.5	0.76	ug/L		11/02/12 15:31	11/08/12 02:25	1
2-Chlorophenol	ND		9.5	0.83	ug/L		11/02/12 15:31	11/08/12 02:25	1
4-Chlorophenyl phenyl ether	ND		9.5	0.80	ug/L		11/02/12 15:31	11/08/12 02:25	1
Chrysene	ND		9.5	0.48	ug/L		11/02/12 15:31	11/08/12 02:25	1
Dibenz(a,h)anthracene	ND		9.5	0.95	ug/L		11/02/12 15:31	11/08/12 02:25	1
Dibenzofuran	ND		9.5	0.75	ug/L		11/02/12 15:31	11/08/12 02:25	1
3,3'-Dichlorobenzidine	ND		57	28	ug/L		11/02/12 15:31	11/08/12 02:25	1
2,4-Dichlorophenol	ND		9.5	1.0	ug/L		11/02/12 15:31	11/08/12 02:25	1
Diethyl phthalate	ND		9.5	0.83	ug/L		11/02/12 15:31	11/08/12 02:25	1
2,4-Dimethylphenol	ND		9.5	3.8	ug/L		11/02/12 15:31	11/08/12 02:25	1
Dimethyl phthalate	ND		9.5	0.94	ug/L		11/02/12 15:31	11/08/12 02:25	1
Di-n-butyl phthalate	ND		9.5	0.79	ug/L		11/02/12 15:31	11/08/12 02:25	1
4,6-Dinitro-2-methylphenol	ND		47	9.5	ug/L		11/02/12 15:31	11/08/12 02:25	1
2,4-Dinitrophenol	ND		47	9.5	ug/L		11/02/12 15:31	11/08/12 02:25	1

Client Sample ID: Equip Blank-1

Lab Sample ID: 680-84192-19

Date Collected: 10/26/12 14:30

Matrix: Water

Date Received: 10/27/12 10:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		9.5	1.1	ug/L		11/02/12 15:31	11/08/12 02:25	1
2,6-Dinitrotoluene	ND		9.5	1.0	ug/L		11/02/12 15:31	11/08/12 02:25	1
Di-n-octyl phthalate	ND		9.5	1.3	ug/L		11/02/12 15:31	11/08/12 02:25	1
Fluoranthene	ND		9.5	0.70	ug/L		11/02/12 15:31	11/08/12 02:25	1
Fluorene	ND		9.5	0.91	ug/L		11/02/12 15:31	11/08/12 02:25	1
Hexachlorobenzene	ND		9.5	0.75	ug/L		11/02/12 15:31	11/08/12 02:25	1
Hexachlorobutadiene	ND		9.5	0.59	ug/L		11/02/12 15:31	11/08/12 02:25	1
Hexachlorocyclopentadiene	ND		9.5	2.4	ug/L		11/02/12 15:31	11/08/12 02:25	1
Hexachloroethane	ND		9.5	0.72	ug/L		11/02/12 15:31	11/08/12 02:25	1
Indeno[1,2,3-cd]pyrene	ND		9.5	0.95	ug/L		11/02/12 15:31	11/08/12 02:25	1
Isophorone	ND		9.5	0.85	ug/L		11/02/12 15:31	11/08/12 02:25	1
2-Methylnaphthalene	ND		9.5	0.74	ug/L		11/02/12 15:31	11/08/12 02:25	1
2-Methylphenol	ND		9.5	0.84	ug/L		11/02/12 15:31	11/08/12 02:25	1
3 & 4 Methylphenol	ND		9.5	1.2	ug/L		11/02/12 15:31	11/08/12 02:25	1
Naphthalene	ND		9.5	0.66	ug/L		11/02/12 15:31	11/08/12 02:25	1
2-Nitroaniline	ND		47	1.2	ug/L		11/02/12 15:31	11/08/12 02:25	1
3-Nitroaniline	ND		47	4.7	ug/L		11/02/12 15:31	11/08/12 02:25	1
4-Nitroaniline	ND		47	4.7	ug/L		11/02/12 15:31	11/08/12 02:25	1
Nitrobenzene	ND		9.5	0.69	ug/L		11/02/12 15:31	11/08/12 02:25	1
2-Nitrophenol	ND		9.5	0.72	ug/L		11/02/12 15:31	11/08/12 02:25	1
4-Nitrophenol	ND		47	1.8	ug/L		11/02/12 15:31	11/08/12 02:25	1
N-Nitrosodi-n-propylamine	ND		9.5	0.68	ug/L		11/02/12 15:31	11/08/12 02:25	1
N-Nitrosodiphenylamine	ND		9.5	0.87	ug/L		11/02/12 15:31	11/08/12 02:25	1
Pentachlorophenol	ND		47	1.9	ug/L		11/02/12 15:31	11/08/12 02:25	1
Phenanthrene	ND		9.5	0.73	ug/L		11/02/12 15:31	11/08/12 02:25	1
Phenol	ND		9.5	0.79	ug/L		11/02/12 15:31	11/08/12 02:25	1
Pyrene	ND		9.5	0.60	ug/L		11/02/12 15:31	11/08/12 02:25	1
1,2,4,5-Tetrachlorobenzene	ND	*	9.5	0.72	ug/L		11/02/12 15:31	11/08/12 02:25	1
2,3,4,6-Tetrachlorophenol	ND	*	9.5	0.68	ug/L		11/02/12 15:31	11/08/12 02:25	1
2,4,5-Trichlorophenol	ND		9.5	1.1	ug/L		11/02/12 15:31	11/08/12 02:25	1
2,4,6-Trichlorophenol	ND		9.5	0.81	ug/L		11/02/12 15:31	11/08/12 02:25	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Cyclotetrasiloxane, octamethyl-	*6.0*	*T J N*	*ug/L*		*5.62*	*556-67-2*	*11/02/12 15:31*	*11/08/12 02:25*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*99*		*38 - 130*	*11/02/12 15:31*	*11/08/12 02:25*	*1*
2-Fluorophenol	*77*		*25 - 130*	*11/02/12 15:31*	*11/08/12 02:25*	*1*
Nitrobenzene-d5	*85*		*39 - 130*	*11/02/12 15:31*	*11/08/12 02:25*	*1*
Phenol-d5	*68*		*25 - 130*	*11/02/12 15:31*	*11/08/12 02:25*	*1*
Terphenyl-d14	*109*		*10 - 143*	*11/02/12 15:31*	*11/08/12 02:25*	*1*
2,4,6-Tribromophenol	*95*		*31 - 141*	*11/02/12 15:31*	*11/08/12 02:25*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0	0.99	ug/L		10/28/12 09:17	10/29/12 17:02	1
Arsenic	**0.50**	**J**	1.0	0.40	ug/L		10/28/12 09:17	10/29/12 17:02	1
Beryllium	ND		0.20	0.070	ug/L		10/28/12 09:17	10/29/12 17:02	1
Cadmium	ND		0.50	0.20	ug/L		10/28/12 09:17	10/29/12 17:02	1
Chromium	ND		1.0	0.16	ug/L		10/28/12 09:17	10/29/12 17:02	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: Equip Blank-1

Lab Sample ID: 680-84192-19

Date Collected: 10/26/12 14:30
Matrix: Water
Date Received: 10/27/12 10:41

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		1.0	0.21	ug/L		10/28/12 09:17	10/29/12 17:02	1
Iron	ND		50	20	ug/L		10/28/12 09:17	10/29/12 17:02	1
Lead	ND		0.30	0.080	ug/L		10/28/12 09:17	10/29/12 17:02	1
Manganese	ND		2.0	0.84	ug/L		10/28/12 09:17	10/29/12 17:02	1
Nickel	ND		1.0	0.40	ug/L		10/28/12 09:17	10/29/12 17:02	1
Selenium	ND		0.50	0.21	ug/L		10/28/12 09:17	10/29/12 17:02	1
Silver	ND		0.20	0.10	ug/L		10/28/12 09:17	10/29/12 17:02	1
Thallium	ND		0.20	0.10	ug/L		10/28/12 09:17	10/29/12 17:02	1
Zinc	ND		10	2.6	ug/L		10/28/12 09:17	10/29/12 17:02	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.091	ug/L		10/29/12 13:46	10/31/12 15:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND	H	50	26	ug/L			11/27/12 18:37	1
Nitrate as N	ND		250	75	ug/L			10/27/12 14:33	5
Sulfate	ND		5000	2600	ug/L			11/08/12 15:51	5

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: Equip Blank-2

Lab Sample ID: 680-84192-20

Date Collected: 10/26/12 14:40
Matrix: Water
Date Received: 10/27/12 10:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	5.0	ug/L			11/06/12 16:39	1
Benzene	ND		1.0	0.25	ug/L			11/06/12 16:39	1
Bromochloromethane	ND		1.0	0.14	ug/L			11/06/12 16:39	1
Bromodichloromethane	ND		1.0	0.25	ug/L			11/06/12 16:39	1
Bromoform	ND		1.0	0.50	ug/L			11/06/12 16:39	1
Bromomethane	ND		1.0	0.80	ug/L			11/06/12 16:39	1
2-Butanone	ND		10	1.0	ug/L			11/06/12 16:39	1
Carbon disulfide	ND		2.0	0.60	ug/L			11/06/12 16:39	1
Carbon tetrachloride	ND		1.0	0.50	ug/L			11/06/12 16:39	1
Chlorobenzene	ND		1.0	0.25	ug/L			11/06/12 16:39	1
Chloroethane	ND		1.0	1.0	ug/L			11/06/12 16:39	1
Chloroform	ND		1.0	0.14	ug/L			11/06/12 16:39	1
Chloromethane	ND		1.0	0.33	ug/L			11/06/12 16:39	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			11/06/12 16:39	1
cis-1,3-Dichloropropene	ND		1.0	0.11	ug/L			11/06/12 16:39	1
Cyclohexane	ND		1.0	0.25	ug/L			11/06/12 16:39	1
Dibromochloromethane	ND		1.0	0.10	ug/L			11/06/12 16:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.44	ug/L			11/06/12 16:39	1
1,2-Dibromoethane	ND		1.0	0.25	ug/L			11/06/12 16:39	1
1,2-Dichlorobenzene	ND		1.0	0.21	ug/L			11/06/12 16:39	1
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L			11/06/12 16:39	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			11/06/12 16:39	1
Dichlorodifluoromethane	ND		1.0	0.25	ug/L			11/06/12 16:39	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			11/06/12 16:39	1
1,2-Dichloroethane	ND		1.0	0.10	ug/L			11/06/12 16:39	1
1,1-Dichloroethene	ND		1.0	0.11	ug/L			11/06/12 16:39	1
1,2-Dichloropropane	ND		1.0	0.13	ug/L			11/06/12 16:39	1
1,4-Dioxane	ND		50	50	ug/L			11/06/12 16:39	1
Ethylbenzene	ND		1.0	0.11	ug/L			11/06/12 16:39	1
2-Hexanone	ND		10	1.0	ug/L			11/06/12 16:39	1
Isopropylbenzene	ND		1.0	0.10	ug/L			11/06/12 16:39	1
Methyl acetate	ND		1.0	0.19	ug/L			11/06/12 16:39	1
Methylcyclohexane	ND		1.0	0.10	ug/L			11/06/12 16:39	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/06/12 16:39	1
4-Methyl-2-pentanone	ND		10	1.0	ug/L			11/06/12 16:39	1
Methyl tert-butyl ether	ND		10	0.20	ug/L			11/06/12 16:39	1
m-Xylene & p-Xylene	ND		2.0	0.20	ug/L			11/06/12 16:39	1
o-Xylene	ND		1.0	0.25	ug/L			11/06/12 16:39	1
Styrene	ND		1.0	0.11	ug/L			11/06/12 16:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			11/06/12 16:39	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/06/12 16:39	1
Toluene	ND		1.0	0.33	ug/L			11/06/12 16:39	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			11/06/12 16:39	1
trans-1,3-Dichloropropene	ND		1.0	0.21	ug/L			11/06/12 16:39	1
1,2,3-Trichlorobenzene	ND		1.0	0.35	ug/L			11/06/12 16:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			11/06/12 16:39	1
1,1,1-Trichloroethane	ND		1.0	0.50	ug/L			11/06/12 16:39	1
1,1,2-Trichloroethane	ND		1.0	0.13	ug/L			11/06/12 16:39	1
Trichloroethene	**0.20**	**J**	1.0	0.13	ug/L			11/06/12 16:39	1

Client Sample ID: Equip Blank-2

Lab Sample ID: 680-84192-20

Date Collected: 10/26/12 14:40

Matrix: Water

Date Received: 10/27/12 10:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		1.0	0.25	ug/L			11/06/12 16:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.50	ug/L			11/06/12 16:39	1
Vinyl chloride	ND	*	1.0	0.18	ug/L			11/06/12 16:39	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*11/06/12 16:39*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/06/12 16:39*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*11/06/12 16:39*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*11/06/12 16:39*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.5	0.72	ug/L		11/02/12 15:31	11/08/12 02:50	1
Acenaphthylene	ND		9.5	0.81	ug/L		11/02/12 15:31	11/08/12 02:50	1
Acetophenone	ND		9.5	0.54	ug/L		11/02/12 15:31	11/08/12 02:50	1
Anthracene	ND		9.5	0.66	ug/L		11/02/12 15:31	11/08/12 02:50	1
Atrazine	ND		9.5	1.1	ug/L		11/02/12 15:31	11/08/12 02:50	1
Benzaldehyde	ND		9.5	1.0	ug/L		11/02/12 15:31	11/08/12 02:50	1
Benzo[a]anthracene	ND		9.5	0.52	ug/L		11/02/12 15:31	11/08/12 02:50	1
Benzo[a]pyrene	ND		9.5	0.67	ug/L		11/02/12 15:31	11/08/12 02:50	1
Benzo[b]fluoranthene	ND		9.5	2.5	ug/L		11/02/12 15:31	11/08/12 02:50	1
Benzo[g,h,i]perylene	ND		9.5	0.83	ug/L		11/02/12 15:31	11/08/12 02:50	1
Benzo[k]fluoranthene	ND		9.5	1.1	ug/L		11/02/12 15:31	11/08/12 02:50	1
1,1'-Biphenyl	ND		9.5	0.55	ug/L		11/02/12 15:31	11/08/12 02:50	1
Bis(2-chloroethoxy)methane	ND		9.5	0.89	ug/L		11/02/12 15:31	11/08/12 02:50	1
Bis(2-chloroethyl)ether	ND		9.5	1.0	ug/L		11/02/12 15:31	11/08/12 02:50	1
2,2'-oxybis[1-chloropropane]	ND		9.5	0.74	ug/L		11/02/12 15:31	11/08/12 02:50	1
Bis(2-ethylhexyl) phthalate	ND		9.5	1.5	ug/L		11/02/12 15:31	11/08/12 02:50	1
4-Bromophenyl phenyl ether	ND		9.5	0.73	ug/L		11/02/12 15:31	11/08/12 02:50	1
Butyl benzyl phthalate	ND		9.5	1.1	ug/L		11/02/12 15:31	11/08/12 02:50	1
Caprolactam	ND		9.5	0.75	ug/L		11/02/12 15:31	11/08/12 02:50	1
Carbazole	ND		9.5	0.67	ug/L		11/02/12 15:31	11/08/12 02:50	1
4-Chloroaniline	ND		19	2.1	ug/L		11/02/12 15:31	11/08/12 02:50	1
4-Chloro-3-methylphenol	ND		9.5	0.95	ug/L		11/02/12 15:31	11/08/12 02:50	1
2-Chloronaphthalene	ND		9.5	0.76	ug/L		11/02/12 15:31	11/08/12 02:50	1
2-Chlorophenol	ND		9.5	0.83	ug/L		11/02/12 15:31	11/08/12 02:50	1
4-Chlorophenyl phenyl ether	ND		9.5	0.80	ug/L		11/02/12 15:31	11/08/12 02:50	1
Chrysene	ND		9.5	0.48	ug/L		11/02/12 15:31	11/08/12 02:50	1
Dibenz(a,h)anthracene	ND		9.5	0.95	ug/L		11/02/12 15:31	11/08/12 02:50	1
Dibenzofuran	ND		9.5	0.75	ug/L		11/02/12 15:31	11/08/12 02:50	1
3,3'-Dichlorobenzidine	ND		57	29	ug/L		11/02/12 15:31	11/08/12 02:50	1
2,4-Dichlorophenol	ND		9.5	1.0	ug/L		11/02/12 15:31	11/08/12 02:50	1
Diethyl phthalate	ND		9.5	0.84	ug/L		11/02/12 15:31	11/08/12 02:50	1
2,4-Dimethylphenol	ND		9.5	3.8	ug/L		11/02/12 15:31	11/08/12 02:50	1
Dimethyl phthalate	ND		9.5	0.94	ug/L		11/02/12 15:31	11/08/12 02:50	1
Di-n-butyl phthalate	ND		9.5	0.79	ug/L		11/02/12 15:31	11/08/12 02:50	1
4,6-Dinitro-2-methylphenol	ND		48	9.5	ug/L		11/02/12 15:31	11/08/12 02:50	1
2,4-Dinitrophenol	ND		48	9.5	ug/L		11/02/12 15:31	11/08/12 02:50	1

Client Sample ID: Equip Blank-2

Lab Sample ID: 680-84192-20

Date Collected: 10/26/12 14:40

Matrix: Water

Date Received: 10/27/12 10:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		9.5	1.1	ug/L		11/02/12 15:31	11/08/12 02:50	1
2,6-Dinitrotoluene	ND		9.5	1.0	ug/L		11/02/12 15:31	11/08/12 02:50	1
Di-n-octyl phthalate	ND		9.5	1.3	ug/L		11/02/12 15:31	11/08/12 02:50	1
Fluoranthene	ND		9.5	0.70	ug/L		11/02/12 15:31	11/08/12 02:50	1
Fluorene	ND		9.5	0.91	ug/L		11/02/12 15:31	11/08/12 02:50	1
Hexachlorobenzene	ND		9.5	0.75	ug/L		11/02/12 15:31	11/08/12 02:50	1
Hexachlorobutadiene	ND		9.5	0.59	ug/L		11/02/12 15:31	11/08/12 02:50	1
Hexachlorocyclopentadiene	ND		9.5	2.4	ug/L		11/02/12 15:31	11/08/12 02:50	1
Hexachloroethane	ND		9.5	0.72	ug/L		11/02/12 15:31	11/08/12 02:50	1
Indeno[1,2,3-cd]pyrene	ND		9.5	0.95	ug/L		11/02/12 15:31	11/08/12 02:50	1
Isophorone	ND		9.5	0.86	ug/L		11/02/12 15:31	11/08/12 02:50	1
2-Methylnaphthalene	ND		9.5	0.74	ug/L		11/02/12 15:31	11/08/12 02:50	1
2-Methylphenol	ND		9.5	0.85	ug/L		11/02/12 15:31	11/08/12 02:50	1
3 & 4 Methylphenol	ND		9.5	1.2	ug/L		11/02/12 15:31	11/08/12 02:50	1
Naphthalene	ND		9.5	0.67	ug/L		11/02/12 15:31	11/08/12 02:50	1
2-Nitroaniline	ND		48	1.2	ug/L		11/02/12 15:31	11/08/12 02:50	1
3-Nitroaniline	ND		48	4.8	ug/L		11/02/12 15:31	11/08/12 02:50	1
4-Nitroaniline	ND		48	4.8	ug/L		11/02/12 15:31	11/08/12 02:50	1
Nitrobenzene	ND		9.5	0.69	ug/L		11/02/12 15:31	11/08/12 02:50	1
2-Nitrophenol	ND		9.5	0.72	ug/L		11/02/12 15:31	11/08/12 02:50	1
4-Nitrophenol	ND		48	1.8	ug/L		11/02/12 15:31	11/08/12 02:50	1
N-Nitrosodi-n-propylamine	ND		9.5	0.68	ug/L		11/02/12 15:31	11/08/12 02:50	1
N-Nitrosodiphenylamine	ND		9.5	0.87	ug/L		11/02/12 15:31	11/08/12 02:50	1
Pentachlorophenol	ND		48	1.9	ug/L		11/02/12 15:31	11/08/12 02:50	1
Phenanthrene	ND		9.5	0.73	ug/L		11/02/12 15:31	11/08/12 02:50	1
Phenol	ND		9.5	0.79	ug/L		11/02/12 15:31	11/08/12 02:50	1
Pyrene	ND		9.5	0.60	ug/L		11/02/12 15:31	11/08/12 02:50	1
1,2,4,5-Tetrachlorobenzene	ND		9.5	0.72	ug/L		11/02/12 15:31	11/08/12 02:50	1
2,3,4,6-Tetrachlorophenol	ND		9.5	0.68	ug/L		11/02/12 15:31	11/08/12 02:50	1
2,4,5-Trichlorophenol	ND		9.5	1.1	ug/L		11/02/12 15:31	11/08/12 02:50	1
2,4,6-Trichlorophenol	ND		9.5	0.81	ug/L		11/02/12 15:31	11/08/12 02:50	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
3-Penten-2-one, 4-methyl-	*50*	*T J N*	*ug/L*		*3.67*	*141-79-7*	*11/02/12 15:31*	*11/08/12 02:50*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*85*		*38 - 130*	*11/02/12 15:31*	*11/08/12 02:50*	*1*
2-Fluorophenol	*74*		*25 - 130*	*11/02/12 15:31*	*11/08/12 02:50*	*1*
Nitrobenzene-d5	*78*		*39 - 130*	*11/02/12 15:31*	*11/08/12 02:50*	*1*
Phenol-d5	*68*		*25 - 130*	*11/02/12 15:31*	*11/08/12 02:50*	*1*
Terphenyl-d14	*95*		*10 - 143*	*11/02/12 15:31*	*11/08/12 02:50*	*1*
2,4,6-Tribromophenol	*84*		*31 - 141*	*11/02/12 15:31*	*11/08/12 02:50*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0	0.99	ug/L		10/28/12 09:17	10/29/12 17:47	1
Arsenic	**0.40**	**J**	1.0	0.40	ug/L		10/28/12 09:17	10/29/12 17:47	1
Beryllium	ND		0.20	0.070	ug/L		10/28/12 09:17	10/29/12 17:47	1
Cadmium	ND		0.50	0.20	ug/L		10/28/12 09:17	10/29/12 17:47	1
Chromium	ND		1.0	0.16	ug/L		10/28/12 09:17	10/29/12 17:47	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: Equip Blank-2

Lab Sample ID: 680-84192-20

Date Collected: 10/26/12 14:40
Matrix: Water
Date Received: 10/27/12 10:41

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		1.0	0.21	ug/L		10/28/12 09:17	10/29/12 17:47	1
Iron	ND		50	20	ug/L		10/28/12 09:17	10/29/12 17:47	1
Lead	ND		0.30	0.080	ug/L		10/28/12 09:17	10/29/12 17:47	1
Manganese	ND		2.0	0.84	ug/L		10/28/12 09:17	10/29/12 17:47	1
Nickel	ND		1.0	0.40	ug/L		10/28/12 09:17	10/29/12 17:47	1
Selenium	ND		0.50	0.21	ug/L		10/28/12 09:17	10/29/12 17:47	1
Silver	ND		0.20	0.10	ug/L		10/28/12 09:17	10/29/12 17:47	1
Thallium	ND		0.20	0.10	ug/L		10/28/12 09:17	10/29/12 17:47	1
Zinc	**18**		10	2.6	ug/L		10/28/12 09:17	10/29/12 17:47	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.091	ug/L		10/29/12 13:46	10/31/12 15:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	**40**	**J**	50	26	ug/L			10/31/12 17:45	1
Nitrate as N	ND		250	75	ug/L			10/27/12 15:04	5
Sulfate	ND		5000	2600	ug/L			11/08/12 16:03	5

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: DUP-3 (VP)
Date Collected: 10/26/12 00:00
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-21
Matrix: Solid
Percent Solids: 96.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	H	0.052	0.011	mg/Kg	☼		11/10/12 19:34	1
Benzene	ND	H	0.0052	0.00076	mg/Kg	☼		11/10/12 19:34	1
Bromochloromethane	ND	H	0.0052	0.0034	mg/Kg	☼		11/10/12 19:34	1
Bromodichloromethane	ND	H	0.0052	0.0010	mg/Kg	☼		11/10/12 19:34	1
Bromoform	ND	H	0.0052	0.0016	mg/Kg	☼		11/10/12 19:34	1
Bromomethane	ND	H	0.0052	0.0016	mg/Kg	☼		11/10/12 19:34	1
2-Butanone	ND	H *	0.026	0.0025	mg/Kg	☼		11/10/12 19:34	1
Carbon disulfide	ND	H	0.0052	0.0011	mg/Kg	☼		11/10/12 19:34	1
Carbon tetrachloride	ND	H	0.0052	0.00086	mg/Kg	☼		11/10/12 19:34	1
Chlorobenzene	ND	H	0.0052	0.0010	mg/Kg	☼		11/10/12 19:34	1
Chloroethane	ND	H	0.0052	0.0028	mg/Kg	☼		11/10/12 19:34	1
Chloroform	ND	H	0.0052	0.0011	mg/Kg	☼		11/10/12 19:34	1
Chloromethane	ND	H	0.0052	0.0010	mg/Kg	☼		11/10/12 19:34	1
Dibromochloromethane	ND	H	0.0052	0.0018	mg/Kg	☼		11/10/12 19:34	1
1,2-Dibromo-3-Chloropropane	ND	H	0.010	0.0046	mg/Kg	☼		11/10/12 19:34	1
1,2-Dibromoethane	ND	H	0.0052	0.0016	mg/Kg	☼		11/10/12 19:34	1
1,2-Dichlorobenzene	ND	H	0.0052	0.0014	mg/Kg	☼		11/10/12 19:34	1
1,3-Dichlorobenzene	ND	H	0.0052	0.0017	mg/Kg	☼		11/10/12 19:34	1
1,4-Dichlorobenzene	ND	H	0.0052	0.00077	mg/Kg	☼		11/10/12 19:34	1
Dichlorodifluoromethane	ND	H	0.0052	0.00098	mg/Kg	☼		11/10/12 19:34	1
1,1-Dichloroethane	ND	H	0.0052	0.0011	mg/Kg	☼		11/10/12 19:34	1
1,2-Dichloroethane	ND	H	0.0052	0.0011	mg/Kg	☼		11/10/12 19:34	1
cis-1,2-Dichloroethene	ND	H	0.0052	0.0015	mg/Kg	☼		11/10/12 19:34	1
trans-1,2-Dichloroethene	ND	H	0.0052	0.00066	mg/Kg	☼		11/10/12 19:34	1
1,1-Dichloroethene	ND	H	0.0052	0.0016	mg/Kg	☼		11/10/12 19:34	1
1,2-Dichloropropane	ND	H	0.0052	0.00089	mg/Kg	☼		11/10/12 19:34	1
cis-1,3-Dichloropropene	ND	H	0.0052	0.00086	mg/Kg	☼		11/10/12 19:34	1
trans-1,3-Dichloropropene	ND	H	0.0052	0.00091	mg/Kg	☼		11/10/12 19:34	1
Ethylbenzene	ND	H	0.0052	0.0014	mg/Kg	☼		11/10/12 19:34	1
2-Hexanone	ND	H	0.026	0.0034	mg/Kg	☼		11/10/12 19:34	1
Isopropylbenzene	ND	H	0.0052	0.0020	mg/Kg	☼		11/10/12 19:34	1
Methylene Chloride	ND	H	0.0052	0.0010	mg/Kg	☼		11/10/12 19:34	1
4-Methyl-2-pentanone	ND	H	0.026	0.0044	mg/Kg	☼		11/10/12 19:34	1
Methyl tert-butyl ether	ND	H	0.010	0.0010	mg/Kg	☼		11/10/12 19:34	1
Styrene	ND	H	0.0052	0.00097	mg/Kg	☼		11/10/12 19:34	1
1,1,2,2-Tetrachloroethane	ND	H	0.0052	0.0017	mg/Kg	☼		11/10/12 19:34	1
Tetrachloroethene	ND	H	0.0052	0.0020	mg/Kg	☼		11/10/12 19:34	1
Toluene	ND	H	0.0052	0.00087	mg/Kg	☼		11/10/12 19:34	1
1,2,3-Trichlorobenzene	ND	H	0.0052	0.0017	mg/Kg	☼		11/10/12 19:34	1
1,2,4-Trichlorobenzene	ND	H	0.0052	0.00093	mg/Kg	☼		11/10/12 19:34	1
1,1,1-Trichloroethane	ND	H	0.0052	0.00061	mg/Kg	☼		11/10/12 19:34	1
1,1,2-Trichloroethane	ND	H	0.0052	0.0014	mg/Kg	☼		11/10/12 19:34	1
Trichloroethene	ND	H	0.0052	0.0014	mg/Kg	☼		11/10/12 19:34	1
Trichlorofluoromethane	ND	H	0.0052	0.0012	mg/Kg	☼		11/10/12 19:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H	0.0052	0.0014	mg/Kg	☼		11/10/12 19:34	1
Vinyl chloride	ND	H	0.0052	0.0016	mg/Kg	☼		11/10/12 19:34	1
o-Xylene	ND	H	0.0052	0.0011	mg/Kg	☼		11/10/12 19:34	1
m-Xylene & p-Xylene	ND	H	0.010	0.0027	mg/Kg	☼		11/10/12 19:34	1
Cyclohexane	ND	H	0.010	0.0014	mg/Kg	☼		11/10/12 19:34	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: DUP-3 (VP)

Date Collected: 10/26/12 00:00
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-21

Matrix: Solid
Percent Solids: 96.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	ND	H	0.010	0.0052	mg/Kg	☼		11/10/12 19:34	1
Methylcyclohexane	ND	H	0.010	0.00089	mg/Kg	☼		11/10/12 19:34	1
1,4-Dioxane	ND	H	0.052	0.052	mg/Kg	☼		11/10/12 19:34	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*	*H*	*mg/Kg*	☼				*11/10/12 19:34*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*65 - 130*		*11/10/12 19:34*	*1*
Dibromofluoromethane	*105*		*65 - 130*		*11/10/12 19:34*	*1*
Toluene-d8 (Surr)	*92*		*65 - 130*		*11/10/12 19:34*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.34	0.042	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Acenaphthylene	ND		0.34	0.037	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Acetophenone	ND		0.34	0.029	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Anthracene	ND		0.34	0.026	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Atrazine	ND		0.34	0.024	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Benzaldehyde	ND		0.34	0.060	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Benzo[a]anthracene	ND		0.34	0.028	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Benzo[a]pyrene	ND		0.34	0.054	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Benzo[b]fluoranthene	ND		0.34	0.039	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Benzo[g,h,i]perylene	ND		0.34	0.023	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Benzo[k]fluoranthene	ND		0.34	0.067	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
1,1'-Biphenyl	ND		0.34	0.77	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Bis(2-chloroethoxy)methane	ND		0.34	0.040	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Bis(2-chloroethyl)ether	ND		0.34	0.047	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
bis (2-chloroisopropyl) ether	ND		0.34	0.031	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Bis(2-ethylhexyl) phthalate	ND		0.34	0.030	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
4-Bromophenyl phenyl ether	ND		0.34	0.037	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Butyl benzyl phthalate	ND		0.34	0.027	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Caprolactam	ND		0.34	0.068	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Carbazole	ND		0.34	0.031	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
4-Chloroaniline	ND		0.68	0.054	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
4-Chloro-3-methylphenol	ND		0.34	0.036	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
2-Chloronaphthalene	ND		0.34	0.036	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
2-Chlorophenol	ND		0.34	0.041	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
4-Chlorophenyl phenyl ether	ND		0.34	0.045	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Chrysene	ND		0.34	0.022	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Dibenz(a,h)anthracene	ND		0.34	0.040	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Dibenzofuran	ND		0.34	0.034	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
3,3'-Dichlorobenzidine	ND		0.68	0.029	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
2,4-Dichlorophenol	ND		0.34	0.036	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Diethyl phthalate	ND		0.34	0.038	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
2,4-Dimethylphenol	ND		0.34	0.045	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Dimethyl phthalate	ND		0.34	0.035	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Di-n-butyl phthalate	ND		0.34	0.031	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
4,6-Dinitro-2-methylphenol	ND		1.8	0.18	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
2,4-Dinitrophenol	ND		1.8	0.86	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: DUP-3 (VP)

Date Collected: 10/26/12 00:00
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-21

Matrix: Solid
Percent Solids: 96.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		0.34	0.051	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
2,6-Dinitrotoluene	ND		0.34	0.043	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Di-n-octyl phthalate	ND		0.34	0.030	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Fluoranthene	ND		0.34	0.033	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Fluorene	ND		0.34	0.037	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Hexachlorobenzene	ND		0.34	0.040	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Hexachlorobutadiene	ND		0.34	0.037	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Hexachlorocyclopentadiene	ND		0.34	0.042	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Hexachloroethane	ND		0.34	0.029	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Indeno[1,2,3-cd]pyrene	ND		0.34	0.029	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Isophorone	ND		0.34	0.034	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
2-Methylnaphthalene	ND		0.34	0.039	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
2-Methylphenol	ND		0.34	0.028	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
3 & 4 Methylphenol	ND		0.34	0.044	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Naphthalene	ND		0.34	0.031	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
2-Nitroaniline	ND		1.8	0.047	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
3-Nitroaniline	ND		1.8	0.048	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
4-Nitroaniline	ND		1.8	0.051	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Nitrobenzene	ND		0.34	0.027	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
2-Nitrophenol	ND		0.34	0.042	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
4-Nitrophenol	ND		1.8	0.34	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
N-Nitrosodi-n-propylamine	ND		0.34	0.033	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
N-Nitrosodiphenylamine	ND		0.34	0.034	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Pentachlorophenol	ND		1.8	0.34	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Phenanthrene	ND		0.34	0.028	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Phenol	ND		0.34	0.035	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
Pyrene	ND		0.34	0.028	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
1,2,4,5-Tetrachlorobenzene	ND		0.34	0.032	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
2,3,4,6-Tetrachlorophenol	ND		0.34	0.023	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
2,4,5-Trichlorophenol	ND		0.34	0.036	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1
2,4,6-Trichlorophenol	ND		0.34	0.030	mg/Kg	☼	10/30/12 16:46	11/09/12 00:28	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Oleic Acid	*0.30*	*T J N*	*mg/Kg*	☼	*11.43*	*112-80-1*	*10/30/12 16:46*	*11/09/12 00:28*	*1*
9-Octadecenamide, (Z)-	*0.25*	*T J N*	*mg/Kg*	☼	*13.72*	*301-02-0*	*10/30/12 16:46*	*11/09/12 00:28*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*79*		*58 - 130*	*10/30/12 16:46*	*11/09/12 00:28*	*1*
2-Fluorophenol	*72*		*40 - 130*	*10/30/12 16:46*	*11/09/12 00:28*	*1*
Nitrobenzene-d5	*71*		*46 - 130*	*10/30/12 16:46*	*11/09/12 00:28*	*1*
Phenol-d5	*74*		*49 - 130*	*10/30/12 16:46*	*11/09/12 00:28*	*1*
Terphenyl-d14	*86*		*60 - 130*	*10/30/12 16:46*	*11/09/12 00:28*	*1*
2,4,6-Tribromophenol	*85*		*58 - 130*	*10/30/12 16:46*	*11/09/12 00:28*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.99	0.50	mg/Kg	☼	10/29/12 11:14	11/01/12 05:43	1
Arsenic	**0.26**	**B**	0.25	0.099	mg/Kg	☼	10/29/12 11:14	11/01/12 05:43	1
Beryllium	ND		0.050	0.025	mg/Kg	☼	10/29/12 11:14	11/01/12 05:43	1
Cadmium	**0.017**	**J**	0.050	0.012	mg/Kg	☼	10/29/12 11:14	11/01/12 05:43	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: DUP-3 (VP)

Date Collected: 10/26/12 00:00
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-21

Matrix: Solid
Percent Solids: 96.1

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	3.3		0.50	0.25	mg/Kg	☼	10/29/12 11:14	11/01/12 05:43	1
Copper	0.61		0.50	0.20	mg/Kg	☼	10/29/12 11:14	11/01/12 05:43	1
Iron	550		25	9.9	mg/Kg	☼	10/29/12 11:14	11/01/12 05:43	1
Lead	1.4		0.20	0.099	mg/Kg	☼	10/29/12 11:14	11/01/12 05:43	1
Manganese	3.7		0.99	0.50	mg/Kg	☼	10/29/12 11:14	11/01/12 05:43	1
Nickel	0.44	J	0.50	0.25	mg/Kg	☼	10/29/12 11:14	11/01/12 05:43	1
Selenium	ND		0.50	0.25	mg/Kg	☼	10/29/12 11:14	11/01/12 05:43	1
Silver	ND		0.099	0.050	mg/Kg	☼	10/29/12 11:14	11/01/12 05:43	1
Thallium	ND		0.099	0.025	mg/Kg	☼	10/29/12 11:14	11/01/12 05:43	1
Zinc	1.5	J	2.0	0.55	mg/Kg	☼	10/29/12 11:14	11/01/12 05:43	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.0082	mg/Kg	☼	10/30/12 17:45	11/06/12 20:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	2.6		0.31	0.14	mg/Kg	☼	10/31/12 16:21	10/31/12 20:14	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		5.1	1.5	mg/Kg	☼		11/08/12 05:25	5
Sulfate	ND		100	20	mg/Kg	☼		11/08/12 14:49	5

Client Sample ID: Trip Blank-1

Lab Sample ID: 680-84192-22

Date Collected: 10/26/12 00:00

Matrix: Water

Date Received: 10/27/12 10:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	5.0	ug/L			11/05/12 13:36	1
Benzene	ND		1.0	0.25	ug/L			11/05/12 13:36	1
Bromochloromethane	ND		1.0	0.14	ug/L			11/05/12 13:36	1
Bromodichloromethane	ND		1.0	0.25	ug/L			11/05/12 13:36	1
Bromoform	ND		1.0	0.50	ug/L			11/05/12 13:36	1
Bromomethane	ND		1.0	0.80	ug/L			11/05/12 13:36	1
2-Butanone	ND		10	1.0	ug/L			11/05/12 13:36	1
Carbon disulfide	ND		2.0	0.60	ug/L			11/05/12 13:36	1
Carbon tetrachloride	ND		1.0	0.50	ug/L			11/05/12 13:36	1
Chlorobenzene	ND		1.0	0.25	ug/L			11/05/12 13:36	1
Chloroethane	ND		1.0	1.0	ug/L			11/05/12 13:36	1
Chloroform	ND		1.0	0.14	ug/L			11/05/12 13:36	1
Chloromethane	ND		1.0	0.33	ug/L			11/05/12 13:36	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			11/05/12 13:36	1
cis-1,3-Dichloropropene	ND		1.0	0.11	ug/L			11/05/12 13:36	1
Cyclohexane	ND	*	1.0	0.25	ug/L			11/05/12 13:36	1
Dibromochloromethane	ND		1.0	0.10	ug/L			11/05/12 13:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.44	ug/L			11/05/12 13:36	1
1,2-Dibromoethane	ND		1.0	0.25	ug/L			11/05/12 13:36	1
1,2-Dichlorobenzene	ND		1.0	0.21	ug/L			11/05/12 13:36	1
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L			11/05/12 13:36	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			11/05/12 13:36	1
Dichlorodifluoromethane	ND		1.0	0.25	ug/L			11/05/12 13:36	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			11/05/12 13:36	1
1,2-Dichloroethane	ND		1.0	0.10	ug/L			11/05/12 13:36	1
1,1-Dichloroethene	ND		1.0	0.11	ug/L			11/05/12 13:36	1
1,2-Dichloropropane	ND		1.0	0.13	ug/L			11/05/12 13:36	1
1,4-Dioxane	ND		50	50	ug/L			11/05/12 13:36	1
Ethylbenzene	ND		1.0	0.11	ug/L			11/05/12 13:36	1
2-Hexanone	ND		10	1.0	ug/L			11/05/12 13:36	1
Isopropylbenzene	ND		1.0	0.10	ug/L			11/05/12 13:36	1
Methyl acetate	ND		1.0	0.19	ug/L			11/05/12 13:36	1
Methylcyclohexane	ND		1.0	0.10	ug/L			11/05/12 13:36	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/05/12 13:36	1
4-Methyl-2-pentanone	ND		10	1.0	ug/L			11/05/12 13:36	1
Methyl tert-butyl ether	ND		10	0.20	ug/L			11/05/12 13:36	1
m-Xylene & p-Xylene	ND		2.0	0.20	ug/L			11/05/12 13:36	1
o-Xylene	ND		1.0	0.25	ug/L			11/05/12 13:36	1
Styrene	ND		1.0	0.11	ug/L			11/05/12 13:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			11/05/12 13:36	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/05/12 13:36	1
Toluene	ND		1.0	0.33	ug/L			11/05/12 13:36	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			11/05/12 13:36	1
trans-1,3-Dichloropropene	ND		1.0	0.21	ug/L			11/05/12 13:36	1
1,2,3-Trichlorobenzene	ND		1.0	0.35	ug/L			11/05/12 13:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			11/05/12 13:36	1
1,1,1-Trichloroethane	ND		1.0	0.50	ug/L			11/05/12 13:36	1
1,1,2-Trichloroethane	ND		1.0	0.13	ug/L			11/05/12 13:36	1
Trichloroethene	ND		1.0	0.13	ug/L			11/05/12 13:36	1

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: Trip Blank-1

Lab Sample ID: 680-84192-22

Date Collected: 10/26/12 00:00

Matrix: Water

Date Received: 10/27/12 10:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		1.0	0.25	ug/L			11/05/12 13:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.50	ug/L			11/05/12 13:36	1
Vinyl chloride	ND		1.0	0.18	ug/L			11/05/12 13:36	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*11/05/12 13:36*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/05/12 13:36*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*11/05/12 13:36*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/05/12 13:36*	*1*

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: Trip Blank-2
Date Collected: 10/26/12 00:00
Date Received: 10/27/12 10:41

Lab Sample ID: 680-84192-23
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	5.0	ug/L			11/05/12 14:05	1
Benzene	ND		1.0	0.25	ug/L			11/05/12 14:05	1
Bromochloromethane	ND		1.0	0.14	ug/L			11/05/12 14:05	1
Bromodichloromethane	ND		1.0	0.25	ug/L			11/05/12 14:05	1
Bromoform	ND		1.0	0.50	ug/L			11/05/12 14:05	1
Bromomethane	ND		1.0	0.80	ug/L			11/05/12 14:05	1
2-Butanone	ND		10	1.0	ug/L			11/05/12 14:05	1
Carbon disulfide	ND		2.0	0.60	ug/L			11/05/12 14:05	1
Carbon tetrachloride	ND		1.0	0.50	ug/L			11/05/12 14:05	1
Chlorobenzene	ND		1.0	0.25	ug/L			11/05/12 14:05	1
Chloroethane	ND		1.0	1.0	ug/L			11/05/12 14:05	1
Chloroform	ND		1.0	0.14	ug/L			11/05/12 14:05	1
Chloromethane	ND		1.0	0.33	ug/L			11/05/12 14:05	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			11/05/12 14:05	1
cis-1,3-Dichloropropene	ND		1.0	0.11	ug/L			11/05/12 14:05	1
Cyclohexane	ND	*	1.0	0.25	ug/L			11/05/12 14:05	1
Dibromochloromethane	ND		1.0	0.10	ug/L			11/05/12 14:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.44	ug/L			11/05/12 14:05	1
1,2-Dibromoethane	ND		1.0	0.25	ug/L			11/05/12 14:05	1
1,2-Dichlorobenzene	ND		1.0	0.21	ug/L			11/05/12 14:05	1
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L			11/05/12 14:05	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			11/05/12 14:05	1
Dichlorodifluoromethane	ND		1.0	0.25	ug/L			11/05/12 14:05	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			11/05/12 14:05	1
1,2-Dichloroethane	ND		1.0	0.10	ug/L			11/05/12 14:05	1
1,1-Dichloroethene	ND		1.0	0.11	ug/L			11/05/12 14:05	1
1,2-Dichloropropane	ND		1.0	0.13	ug/L			11/05/12 14:05	1
1,4-Dioxane	ND		50	50	ug/L			11/05/12 14:05	1
Ethylbenzene	ND		1.0	0.11	ug/L			11/05/12 14:05	1
2-Hexanone	ND		10	1.0	ug/L			11/05/12 14:05	1
Isopropylbenzene	ND		1.0	0.10	ug/L			11/05/12 14:05	1
Methyl acetate	ND		1.0	0.19	ug/L			11/05/12 14:05	1
Methylcyclohexane	ND		1.0	0.10	ug/L			11/05/12 14:05	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/05/12 14:05	1
4-Methyl-2-pentanone	ND		10	1.0	ug/L			11/05/12 14:05	1
Methyl tert-butyl ether	ND		10	0.20	ug/L			11/05/12 14:05	1
m-Xylene & p-Xylene	ND		2.0	0.20	ug/L			11/05/12 14:05	1
o-Xylene	ND		1.0	0.25	ug/L			11/05/12 14:05	1
Styrene	ND		1.0	0.11	ug/L			11/05/12 14:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			11/05/12 14:05	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/05/12 14:05	1
Toluene	ND		1.0	0.33	ug/L			11/05/12 14:05	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			11/05/12 14:05	1
trans-1,3-Dichloropropene	ND		1.0	0.21	ug/L			11/05/12 14:05	1
1,2,3-Trichlorobenzene	ND		1.0	0.35	ug/L			11/05/12 14:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			11/05/12 14:05	1
1,1,1-Trichloroethane	ND		1.0	0.50	ug/L			11/05/12 14:05	1
1,1,2-Trichloroethane	ND		1.0	0.13	ug/L			11/05/12 14:05	1
Trichloroethene	ND		1.0	0.13	ug/L			11/05/12 14:05	1

Client Sample ID: Trip Blank-2

Lab Sample ID: 680-84192-23

Date Collected: 10/26/12 00:00

Matrix: Water

Date Received: 10/27/12 10:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		1.0	0.25	ug/L			11/05/12 14:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.50	ug/L			11/05/12 14:05	1
Vinyl chloride	ND		1.0	0.18	ug/L			11/05/12 14:05	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*11/05/12 14:05*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/05/12 14:05*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*11/05/12 14:05*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*11/05/12 14:05*	*1*

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: Trip Blank-3

Lab Sample ID: 680-84192-24

Date Collected: 10/26/12 00:00

Matrix: Water

Date Received: 10/27/12 10:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	5.0	ug/L			11/06/12 17:38	1
Benzene	ND		1.0	0.25	ug/L			11/06/12 17:38	1
Bromochloromethane	ND		1.0	0.14	ug/L			11/06/12 17:38	1
Bromodichloromethane	ND		1.0	0.25	ug/L			11/06/12 17:38	1
Bromoform	ND		1.0	0.50	ug/L			11/06/12 17:38	1
Bromomethane	ND		1.0	0.80	ug/L			11/06/12 17:38	1
2-Butanone	ND		10	1.0	ug/L			11/06/12 17:38	1
Carbon disulfide	ND		2.0	0.60	ug/L			11/06/12 17:38	1
Carbon tetrachloride	ND		1.0	0.50	ug/L			11/06/12 17:38	1
Chlorobenzene	ND		1.0	0.25	ug/L			11/06/12 17:38	1
Chloroethane	ND		1.0	1.0	ug/L			11/06/12 17:38	1
Chloroform	ND		1.0	0.14	ug/L			11/06/12 17:38	1
Chloromethane	ND		1.0	0.33	ug/L			11/06/12 17:38	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			11/06/12 17:38	1
cis-1,3-Dichloropropene	ND		1.0	0.11	ug/L			11/06/12 17:38	1
Cyclohexane	ND		1.0	0.25	ug/L			11/06/12 17:38	1
Dibromochloromethane	ND		1.0	0.10	ug/L			11/06/12 17:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.44	ug/L			11/06/12 17:38	1
1,2-Dibromoethane	ND		1.0	0.25	ug/L			11/06/12 17:38	1
1,2-Dichlorobenzene	ND		1.0	0.21	ug/L			11/06/12 17:38	1
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L			11/06/12 17:38	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			11/06/12 17:38	1
Dichlorodifluoromethane	ND		1.0	0.25	ug/L			11/06/12 17:38	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			11/06/12 17:38	1
1,2-Dichloroethane	ND		1.0	0.10	ug/L			11/06/12 17:38	1
1,1-Dichloroethene	ND		1.0	0.11	ug/L			11/06/12 17:38	1
1,2-Dichloropropane	ND		1.0	0.13	ug/L			11/06/12 17:38	1
1,4-Dioxane	ND		50	50	ug/L			11/06/12 17:38	1
Ethylbenzene	ND		1.0	0.11	ug/L			11/06/12 17:38	1
2-Hexanone	ND		10	1.0	ug/L			11/06/12 17:38	1
Isopropylbenzene	ND		1.0	0.10	ug/L			11/06/12 17:38	1
Methyl acetate	ND		1.0	0.19	ug/L			11/06/12 17:38	1
Methylcyclohexane	ND		1.0	0.10	ug/L			11/06/12 17:38	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/06/12 17:38	1
4-Methyl-2-pentanone	ND		10	1.0	ug/L			11/06/12 17:38	1
Methyl tert-butyl ether	ND		10	0.20	ug/L			11/06/12 17:38	1
m-Xylene & p-Xylene	ND		2.0	0.20	ug/L			11/06/12 17:38	1
o-Xylene	ND		1.0	0.25	ug/L			11/06/12 17:38	1
Styrene	ND		1.0	0.11	ug/L			11/06/12 17:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			11/06/12 17:38	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/06/12 17:38	1
Toluene	ND		1.0	0.33	ug/L			11/06/12 17:38	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			11/06/12 17:38	1
trans-1,3-Dichloropropene	ND		1.0	0.21	ug/L			11/06/12 17:38	1
1,2,3-Trichlorobenzene	ND		1.0	0.35	ug/L			11/06/12 17:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			11/06/12 17:38	1
1,1,1-Trichloroethane	ND		1.0	0.50	ug/L			11/06/12 17:38	1
1,1,2-Trichloroethane	ND		1.0	0.13	ug/L			11/06/12 17:38	1
Trichloroethene	ND		1.0	0.13	ug/L			11/06/12 17:38	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: Trip Blank-3

Lab Sample ID: 680-84192-24

Date Collected: 10/26/12 00:00

Matrix: Water

Date Received: 10/27/12 10:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		1.0	0.25	ug/L			11/06/12 17:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.50	ug/L			11/06/12 17:38	1
Vinyl chloride	ND	*	1.0	0.18	ug/L			11/06/12 17:38	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*11/06/12 17:38*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*11/06/12 17:38*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*11/06/12 17:38*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*11/06/12 17:38*	*1*

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: Trip Blank-4

Lab Sample ID: 680-84192-25

Date Collected: 10/26/12 00:00

Matrix: Water

Date Received: 10/27/12 10:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	5.0	ug/L			11/06/12 18:08	1
Benzene	ND		1.0	0.25	ug/L			11/06/12 18:08	1
Bromochloromethane	ND		1.0	0.14	ug/L			11/06/12 18:08	1
Bromodichloromethane	ND		1.0	0.25	ug/L			11/06/12 18:08	1
Bromoform	ND		1.0	0.50	ug/L			11/06/12 18:08	1
Bromomethane	ND		1.0	0.80	ug/L			11/06/12 18:08	1
2-Butanone	ND		10	1.0	ug/L			11/06/12 18:08	1
Carbon disulfide	ND		2.0	0.60	ug/L			11/06/12 18:08	1
Carbon tetrachloride	ND		1.0	0.50	ug/L			11/06/12 18:08	1
Chlorobenzene	ND		1.0	0.25	ug/L			11/06/12 18:08	1
Chloroethane	ND		1.0	1.0	ug/L			11/06/12 18:08	1
Chloroform	ND		1.0	0.14	ug/L			11/06/12 18:08	1
Chloromethane	ND		1.0	0.33	ug/L			11/06/12 18:08	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			11/06/12 18:08	1
cis-1,3-Dichloropropene	ND		1.0	0.11	ug/L			11/06/12 18:08	1
Cyclohexane	ND		1.0	0.25	ug/L			11/06/12 18:08	1
Dibromochloromethane	ND		1.0	0.10	ug/L			11/06/12 18:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.44	ug/L			11/06/12 18:08	1
1,2-Dibromoethane	ND		1.0	0.25	ug/L			11/06/12 18:08	1
1,2-Dichlorobenzene	ND		1.0	0.21	ug/L			11/06/12 18:08	1
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L			11/06/12 18:08	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			11/06/12 18:08	1
Dichlorodifluoromethane	ND		1.0	0.25	ug/L			11/06/12 18:08	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			11/06/12 18:08	1
1,2-Dichloroethane	ND		1.0	0.10	ug/L			11/06/12 18:08	1
1,1-Dichloroethene	ND		1.0	0.11	ug/L			11/06/12 18:08	1
1,2-Dichloropropane	ND		1.0	0.13	ug/L			11/06/12 18:08	1
1,4-Dioxane	ND		50	50	ug/L			11/06/12 18:08	1
Ethylbenzene	ND		1.0	0.11	ug/L			11/06/12 18:08	1
2-Hexanone	ND		10	1.0	ug/L			11/06/12 18:08	1
Isopropylbenzene	ND		1.0	0.10	ug/L			11/06/12 18:08	1
Methyl acetate	ND		1.0	0.19	ug/L			11/06/12 18:08	1
Methylcyclohexane	ND		1.0	0.10	ug/L			11/06/12 18:08	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/06/12 18:08	1
4-Methyl-2-pentanone	ND		10	1.0	ug/L			11/06/12 18:08	1
Methyl tert-butyl ether	ND		10	0.20	ug/L			11/06/12 18:08	1
m-Xylene & p-Xylene	ND		2.0	0.20	ug/L			11/06/12 18:08	1
o-Xylene	ND		1.0	0.25	ug/L			11/06/12 18:08	1
Styrene	ND		1.0	0.11	ug/L			11/06/12 18:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			11/06/12 18:08	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/06/12 18:08	1
Toluene	ND		1.0	0.33	ug/L			11/06/12 18:08	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			11/06/12 18:08	1
trans-1,3-Dichloropropene	ND		1.0	0.21	ug/L			11/06/12 18:08	1
1,2,3-Trichlorobenzene	ND		1.0	0.35	ug/L			11/06/12 18:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			11/06/12 18:08	1
1,1,1-Trichloroethane	ND		1.0	0.50	ug/L			11/06/12 18:08	1
1,1,2-Trichloroethane	ND		1.0	0.13	ug/L			11/06/12 18:08	1
Trichloroethene	ND		1.0	0.13	ug/L			11/06/12 18:08	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: Trip Blank-4

Lab Sample ID: 680-84192-25

Date Collected: 10/26/12 00:00

Matrix: Water

Date Received: 10/27/12 10:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		1.0	0.25	ug/L			11/06/12 18:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.50	ug/L			11/06/12 18:08	1
Vinyl chloride	ND	*	1.0	0.18	ug/L			11/06/12 18:08	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*11/06/12 18:08*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*11/06/12 18:08*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*11/06/12 18:08*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/06/12 18:08*	*1*

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

Lab Sample ID: MB 680-255271/7
Matrix: Water
Analysis Batch: 255271

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	5.0	ug/L			11/05/12 12:08	1
Benzene	ND		1.0	0.25	ug/L			11/05/12 12:08	1
Bromochloromethane	ND		1.0	0.14	ug/L			11/05/12 12:08	1
Bromodichloromethane	ND		1.0	0.25	ug/L			11/05/12 12:08	1
Bromoform	ND		1.0	0.50	ug/L			11/05/12 12:08	1
Bromomethane	ND		1.0	0.80	ug/L			11/05/12 12:08	1
2-Butanone	ND		10	1.0	ug/L			11/05/12 12:08	1
Carbon disulfide	ND		2.0	0.60	ug/L			11/05/12 12:08	1
Carbon tetrachloride	ND		1.0	0.50	ug/L			11/05/12 12:08	1
Chlorobenzene	ND		1.0	0.25	ug/L			11/05/12 12:08	1
Chloroethane	ND		1.0	1.0	ug/L			11/05/12 12:08	1
Chloroform	ND		1.0	0.14	ug/L			11/05/12 12:08	1
Chloromethane	ND		1.0	0.33	ug/L			11/05/12 12:08	1
Dibromochloromethane	ND		1.0	0.10	ug/L			11/05/12 12:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.44	ug/L			11/05/12 12:08	1
1,2-Dibromoethane	ND		1.0	0.25	ug/L			11/05/12 12:08	1
1,2-Dichlorobenzene	ND		1.0	0.21	ug/L			11/05/12 12:08	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			11/05/12 12:08	1
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L			11/05/12 12:08	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			11/05/12 12:08	1
Dichlorodifluoromethane	ND		1.0	0.25	ug/L			11/05/12 12:08	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			11/05/12 12:08	1
cis-1,3-Dichloropropene	ND		1.0	0.11	ug/L			11/05/12 12:08	1
1,2-Dichloroethane	ND		1.0	0.10	ug/L			11/05/12 12:08	1
1,1-Dichloroethene	ND		1.0	0.11	ug/L			11/05/12 12:08	1
1,2-Dichloropropane	ND		1.0	0.13	ug/L			11/05/12 12:08	1
Ethylbenzene	ND		1.0	0.11	ug/L			11/05/12 12:08	1
2-Hexanone	ND		10	1.0	ug/L			11/05/12 12:08	1
Isopropylbenzene	ND		1.0	0.10	ug/L			11/05/12 12:08	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/05/12 12:08	1
4-Methyl-2-pentanone	ND		10	1.0	ug/L			11/05/12 12:08	1
Methyl tert-butyl ether	ND		10	0.20	ug/L			11/05/12 12:08	1
Styrene	ND		1.0	0.11	ug/L			11/05/12 12:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			11/05/12 12:08	1
o-Xylene	ND		1.0	0.25	ug/L			11/05/12 12:08	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/05/12 12:08	1
m-Xylene & p-Xylene	ND		2.0	0.20	ug/L			11/05/12 12:08	1
Toluene	ND		1.0	0.33	ug/L			11/05/12 12:08	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			11/05/12 12:08	1
trans-1,3-Dichloropropene	ND		1.0	0.21	ug/L			11/05/12 12:08	1
1,2,3-Trichlorobenzene	ND		1.0	0.35	ug/L			11/05/12 12:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			11/05/12 12:08	1
1,1,1-Trichloroethane	ND		1.0	0.50	ug/L			11/05/12 12:08	1
1,1,2-Trichloroethane	ND		1.0	0.13	ug/L			11/05/12 12:08	1
Cyclohexane	ND		1.0	0.25	ug/L			11/05/12 12:08	1
Methyl acetate	ND		1.0	0.19	ug/L			11/05/12 12:08	1
Trichloroethene	ND		1.0	0.13	ug/L			11/05/12 12:08	1
Methylcyclohexane	ND		1.0	0.10	ug/L			11/05/12 12:08	1

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

Lab Sample ID: MB 680-255271/7
Matrix: Water
Analysis Batch: 255271

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		1.0	0.25	ug/L			11/05/12 12:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.50	ug/L			11/05/12 12:08	1
1,4-Dioxane	ND		50	50	ug/L			11/05/12 12:08	1
Vinyl chloride	ND		1.0	0.18	ug/L			11/05/12 12:08	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*11/05/12 12:08*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*11/05/12 12:08*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*11/05/12 12:08*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/05/12 12:08*	*1*

Lab Sample ID: LCS 680-255271/4
Matrix: Water
Analysis Batch: 255271

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	53.4		ug/L		53	26 - 180
Benzene	50.0	55.6		ug/L		111	70 - 130
Bromochloromethane	50.0	45.7		ug/L		91	70 - 130
Bromodichloromethane	50.0	57.8		ug/L		116	70 - 130
Bromoform	50.0	48.8		ug/L		98	70 - 130
Bromomethane	50.0	49.7		ug/L		99	23 - 165
2-Butanone	100	76.9		ug/L		77	49 - 172
Carbon disulfide	50.0	54.2		ug/L		108	54 - 132
Carbon tetrachloride	50.0	54.3		ug/L		109	70 - 130
Chlorobenzene	50.0	53.1		ug/L		106	70 - 130
Chloroethane	50.0	49.2		ug/L		98	56 - 152
Chloroform	50.0	55.9		ug/L		112	70 - 130
Chloromethane	50.0	57.3		ug/L		115	70 - 130
Dibromochloromethane	50.0	59.4		ug/L		119	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	56.4		ug/L		113	70 - 130
1,2-Dibromoethane	50.0	54.5		ug/L		109	70 - 130
1,2-Dichlorobenzene	50.0	52.6		ug/L		105	70 - 130
cis-1,2-Dichloroethene	50.0	55.6		ug/L		111	70 - 130
1,3-Dichlorobenzene	50.0	53.5		ug/L		107	70 - 130
1,4-Dichlorobenzene	50.0	53.3		ug/L		107	70 - 130
Dichlorodifluoromethane	50.0	64.3		ug/L		129	44 - 146
1,1-Dichloroethane	50.0	55.1		ug/L		110	70 - 130
cis-1,3-Dichloropropene	50.0	61.0		ug/L		122	70 - 130
1,2-Dichloroethane	50.0	53.0		ug/L		106	70 - 130
1,1-Dichloroethene	50.0	52.4		ug/L		105	66 - 131
1,2-Dichloropropane	50.0	57.5		ug/L		115	70 - 130
Ethylbenzene	50.0	55.6		ug/L		111	70 - 130
2-Hexanone	100	91.7		ug/L		92	42 - 185
Isopropylbenzene	50.0	53.4		ug/L		107	70 - 130

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

Lab Sample ID: LCS 680-255271/4
Matrix: Water
Analysis Batch: 255271

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	50.0	55.6		ug/L		111	67 - 130
4-Methyl-2-pentanone	100	103		ug/L		103	70 - 130
Methyl tert-butyl ether	100	113		ug/L		113	64 - 131
Styrene	50.0	56.2		ug/L		112	70 - 130
1,1,2,2-Tetrachloroethane	50.0	51.5		ug/L		103	70 - 130
o-Xylene	50.0	54.4		ug/L		109	70 - 130
Tetrachloroethene	50.0	55.8		ug/L		112	70 - 130
m-Xylene & p-Xylene	100	111		ug/L		111	70 - 130
Toluene	50.0	55.1		ug/L		110	70 - 130
trans-1,2-Dichloroethene	50.0	57.2		ug/L		114	70 - 130
trans-1,3-Dichloropropene	50.0	57.6		ug/L		115	70 - 130
1,2,3-Trichlorobenzene	50.0	57.3		ug/L		115	70 - 130
1,2,4-Trichlorobenzene	50.0	53.9		ug/L		108	65 - 130
1,1,1-Trichloroethane	50.0	57.8		ug/L		116	70 - 130
1,1,2-Trichloroethane	50.0	49.7		ug/L		99	70 - 130
Cyclohexane	50.0	67.3	*	ug/L		135	70 - 132
Methyl acetate	50.0	55.0		ug/L		110	70 - 130
Trichloroethene	50.0	53.2		ug/L		106	70 - 130
Methylcyclohexane	50.0	61.2		ug/L		122	70 - 134
Trichlorofluoromethane	50.0	57.5		ug/L		115	55 - 156
1,1,2-Trichloro-1,2,2-trifluoroetha ne	50.0	42.2		ug/L		84	60 - 135
1,4-Dioxane	500	569		ug/L		114	50 - 150
Vinyl chloride	25.0	31.4		ug/L		126	67 - 134

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*107*		*70 - 130*
Dibromofluoromethane	*111*		*70 - 130*
Toluene-d8 (Surr)	*109*		*70 - 130*

Lab Sample ID: LCSD 680-255271/5
Matrix: Water
Analysis Batch: 255271

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	58.8		ug/L		59	26 - 180	10	50
Benzene	50.0	49.5		ug/L		99	70 - 130	12	30
Bromochloromethane	50.0	43.3		ug/L		87	70 - 130	5	30
Bromodichloromethane	50.0	51.4		ug/L		103	70 - 130	12	30
Bromoform	50.0	43.4		ug/L		87	70 - 130	12	30
Bromomethane	50.0	49.0		ug/L		98	23 - 165	1	50
2-Butanone	100	75.8		ug/L		76	49 - 172	1	30
Carbon disulfide	50.0	48.3		ug/L		97	54 - 132	12	30
Carbon tetrachloride	50.0	47.0		ug/L		94	70 - 130	14	30
Chlorobenzene	50.0	47.3		ug/L		95	70 - 130	12	30
Chloroethane	50.0	40.7		ug/L		81	56 - 152	19	40
Chloroform	50.0	49.7		ug/L		99	70 - 130	12	30
Chloromethane	50.0	52.1		ug/L		104	70 - 130	10	30

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

Lab Sample ID: LCSD 680-255271/5
Matrix: Water
Analysis Batch: 255271

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dibromochloromethane	50.0	52.9		ug/L		106	70 - 130	12	50
1,2-Dibromo-3-Chloropropane	50.0	50.6		ug/L		101	70 - 130	11	50
1,2-Dibromoethane	50.0	48.8		ug/L		98	70 - 130	11	30
1,2-Dichlorobenzene	50.0	48.0		ug/L		96	70 - 130	9	30
cis-1,2-Dichloroethene	50.0	50.0		ug/L		100	70 - 130	11	30
1,3-Dichlorobenzene	50.0	48.8		ug/L		98	70 - 130	9	30
1,4-Dichlorobenzene	50.0	48.6		ug/L		97	70 - 130	9	30
Dichlorodifluoromethane	50.0	54.5		ug/L		109	44 - 146	16	50
1,1-Dichloroethane	50.0	49.1		ug/L		98	70 - 130	11	30
cis-1,3-Dichloropropene	50.0	54.3		ug/L		109	70 - 130	12	30
1,2-Dichloroethane	50.0	47.1		ug/L		94	70 - 130	12	30
1,1-Dichloroethene	50.0	46.7		ug/L		93	66 - 131	11	30
1,2-Dichloropropane	50.0	52.1		ug/L		104	70 - 130	10	30
Ethylbenzene	50.0	49.6		ug/L		99	70 - 130	11	30
2-Hexanone	100	79.0		ug/L		79	42 - 185	15	30
Isopropylbenzene	50.0	48.0		ug/L		96	70 - 130	11	30
Methylene Chloride	50.0	51.1		ug/L		102	67 - 130	9	30
4-Methyl-2-pentanone	100	92.0		ug/L		92	70 - 130	11	30
Methyl tert-butyl ether	100	101		ug/L		101	64 - 131	10	30
Styrene	50.0	48.1		ug/L		96	70 - 130	16	30
1,1,2,2-Tetrachloroethane	50.0	47.0		ug/L		94	70 - 130	9	30
o-Xylene	50.0	48.2		ug/L		96	70 - 130	12	30
Tetrachloroethene	50.0	50.0		ug/L		100	70 - 130	11	30
m-Xylene & p-Xylene	100	98.0		ug/L		98	70 - 130	12	30
Toluene	50.0	49.5		ug/L		99	70 - 130	11	30
trans-1,2-Dichloroethene	50.0	50.5		ug/L		101	70 - 130	13	30
trans-1,3-Dichloropropene	50.0	52.2		ug/L		104	70 - 130	10	50
1,2,3-Trichlorobenzene	50.0	50.7		ug/L		101	70 - 130	12	30
1,2,4-Trichlorobenzene	50.0	48.0		ug/L		96	65 - 130	12	30
1,1,1-Trichloroethane	50.0	50.5		ug/L		101	70 - 130	13	30
1,1,2-Trichloroethane	50.0	45.3		ug/L		91	70 - 130	9	30
Cyclohexane	50.0	57.9		ug/L		116	70 - 132	15	30
Methyl acetate	50.0	52.5		ug/L		105	70 - 130	5	30
Trichloroethene	50.0	47.7		ug/L		95	70 - 130	11	30
Methylcyclohexane	50.0	52.9		ug/L		106	70 - 134	15	30
Trichlorofluoromethane	50.0	49.1		ug/L		98	55 - 156	16	30
1,1,2-Trichloro-1,2,2-trifluoroetha ne	50.0	35.5		ug/L		71	60 - 135	17	30
1,4-Dioxane	500	567		ug/L		113	50 - 150	0	50
Vinyl chloride	25.0	28.3		ug/L		113	67 - 134	11	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

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

Lab Sample ID: MB 680-255396/8
Matrix: Water
Analysis Batch: 255396

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	5.0	ug/L			11/06/12 14:41	1
Benzene	ND		1.0	0.25	ug/L			11/06/12 14:41	1
Bromochloromethane	ND		1.0	0.14	ug/L			11/06/12 14:41	1
Bromodichloromethane	ND		1.0	0.25	ug/L			11/06/12 14:41	1
Bromoform	ND		1.0	0.50	ug/L			11/06/12 14:41	1
Bromomethane	ND		1.0	0.80	ug/L			11/06/12 14:41	1
2-Butanone	ND		10	1.0	ug/L			11/06/12 14:41	1
Carbon disulfide	ND		2.0	0.60	ug/L			11/06/12 14:41	1
Carbon tetrachloride	ND		1.0	0.50	ug/L			11/06/12 14:41	1
Chlorobenzene	ND		1.0	0.25	ug/L			11/06/12 14:41	1
Chloroethane	ND		1.0	1.0	ug/L			11/06/12 14:41	1
Chloroform	ND		1.0	0.14	ug/L			11/06/12 14:41	1
Chloromethane	ND		1.0	0.33	ug/L			11/06/12 14:41	1
Dibromochloromethane	ND		1.0	0.10	ug/L			11/06/12 14:41	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.44	ug/L			11/06/12 14:41	1
1,2-Dibromoethane	ND		1.0	0.25	ug/L			11/06/12 14:41	1
1,2-Dichlorobenzene	ND		1.0	0.21	ug/L			11/06/12 14:41	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			11/06/12 14:41	1
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L			11/06/12 14:41	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			11/06/12 14:41	1
Dichlorodifluoromethane	ND		1.0	0.25	ug/L			11/06/12 14:41	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			11/06/12 14:41	1
cis-1,3-Dichloropropene	ND		1.0	0.11	ug/L			11/06/12 14:41	1
1,2-Dichloroethane	ND		1.0	0.10	ug/L			11/06/12 14:41	1
1,1-Dichloroethene	ND		1.0	0.11	ug/L			11/06/12 14:41	1
1,2-Dichloropropane	ND		1.0	0.13	ug/L			11/06/12 14:41	1
Ethylbenzene	ND		1.0	0.11	ug/L			11/06/12 14:41	1
2-Hexanone	ND		10	1.0	ug/L			11/06/12 14:41	1
Isopropylbenzene	ND		1.0	0.10	ug/L			11/06/12 14:41	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/06/12 14:41	1
4-Methyl-2-pentanone	ND		10	1.0	ug/L			11/06/12 14:41	1
Methyl tert-butyl ether	ND		10	0.20	ug/L			11/06/12 14:41	1
Styrene	ND		1.0	0.11	ug/L			11/06/12 14:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			11/06/12 14:41	1
o-Xylene	ND		1.0	0.25	ug/L			11/06/12 14:41	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/06/12 14:41	1
m-Xylene & p-Xylene	ND		2.0	0.20	ug/L			11/06/12 14:41	1
Toluene	ND		1.0	0.33	ug/L			11/06/12 14:41	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			11/06/12 14:41	1
trans-1,3-Dichloropropene	ND		1.0	0.21	ug/L			11/06/12 14:41	1
1,2,3-Trichlorobenzene	0.367	J	1.0	0.35	ug/L			11/06/12 14:41	1
1,2,4-Trichlorobenzene	0.265	J	1.0	0.25	ug/L			11/06/12 14:41	1
1,1,1-Trichloroethane	ND		1.0	0.50	ug/L			11/06/12 14:41	1
1,1,2-Trichloroethane	ND		1.0	0.13	ug/L			11/06/12 14:41	1
Cyclohexane	ND		1.0	0.25	ug/L			11/06/12 14:41	1
Methyl acetate	ND		1.0	0.19	ug/L			11/06/12 14:41	1
Trichloroethene	ND		1.0	0.13	ug/L			11/06/12 14:41	1
Methylcyclohexane	ND		1.0	0.10	ug/L			11/06/12 14:41	1

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

Lab Sample ID: MB 680-255396/8
Matrix: Water
Analysis Batch: 255396

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		1.0	0.25	ug/L			11/06/12 14:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.50	ug/L			11/06/12 14:41	1
1,4-Dioxane	ND		50	50	ug/L			11/06/12 14:41	1
Vinyl chloride	ND		1.0	0.18	ug/L			11/06/12 14:41	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*6.08*	*T J*	*ug/L*		*1.57*			*11/06/12 14:41*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*11/06/12 14:41*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*11/06/12 14:41*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/06/12 14:41*	*1*

Lab Sample ID: LCS 680-255396/4
Matrix: Water
Analysis Batch: 255396

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	85.5		ug/L		86	26 - 180
Benzene	50.0	53.5		ug/L		107	70 - 130
Bromochloromethane	50.0	51.2		ug/L		102	70 - 130
Bromodichloromethane	50.0	54.0		ug/L		108	70 - 130
Bromoform	50.0	46.0		ug/L		92	70 - 130
Bromomethane	50.0	31.1		ug/L		62	23 - 165
2-Butanone	100	88.4		ug/L		88	49 - 172
Carbon disulfide	50.0	55.8		ug/L		112	54 - 132
Carbon tetrachloride	50.0	57.9		ug/L		116	70 - 130
Chlorobenzene	50.0	51.7		ug/L		103	70 - 130
Chloroethane	50.0	46.4		ug/L		93	56 - 152
Chloroform	50.0	53.8		ug/L		108	70 - 130
Chloromethane	50.0	64.0		ug/L		128	70 - 130
Dibromochloromethane	50.0	54.9		ug/L		110	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	52.6		ug/L		105	70 - 130
1,2-Dibromoethane	50.0	51.6		ug/L		103	70 - 130
1,2-Dichlorobenzene	50.0	50.3		ug/L		101	70 - 130
cis-1,2-Dichloroethene	50.0	54.2		ug/L		108	70 - 130
1,3-Dichlorobenzene	50.0	50.5		ug/L		101	70 - 130
1,4-Dichlorobenzene	50.0	52.6		ug/L		105	70 - 130
Dichlorodifluoromethane	50.0	63.5		ug/L		127	44 - 146
1,1-Dichloroethane	50.0	54.1		ug/L		108	70 - 130
cis-1,3-Dichloropropene	50.0	56.6		ug/L		113	70 - 130
1,2-Dichloroethane	50.0	49.2		ug/L		98	70 - 130
1,1-Dichloroethene	50.0	56.3		ug/L		113	66 - 131
1,2-Dichloropropane	50.0	54.8		ug/L		110	70 - 130
Ethylbenzene	50.0	53.5		ug/L		107	70 - 130
2-Hexanone	100	93.8		ug/L		94	42 - 185
Isopropylbenzene	50.0	51.7		ug/L		103	70 - 130

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

Lab Sample ID: LCS 680-255396/4
Matrix: Water
Analysis Batch: 255396

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	50.0	51.7		ug/L		103	67 - 130
4-Methyl-2-pentanone	100	101		ug/L		101	70 - 130
Methyl tert-butyl ether	100	105		ug/L		105	64 - 131
Styrene	50.0	50.6		ug/L		101	70 - 130
1,1,2,2-Tetrachloroethane	50.0	50.1		ug/L		100	70 - 130
o-Xylene	50.0	53.3		ug/L		107	70 - 130
Tetrachloroethene	50.0	55.0		ug/L		110	70 - 130
m-Xylene & p-Xylene	100	107		ug/L		107	70 - 130
Toluene	50.0	52.9		ug/L		106	70 - 130
trans-1,2-Dichloroethene	50.0	52.9		ug/L		106	70 - 130
trans-1,3-Dichloropropene	50.0	55.0		ug/L		110	70 - 130
1,2,3-Trichlorobenzene	50.0	54.6		ug/L		109	70 - 130
1,2,4-Trichlorobenzene	50.0	51.9		ug/L		104	65 - 130
1,1,1-Trichloroethane	50.0	54.6		ug/L		109	70 - 130
1,1,2-Trichloroethane	50.0	47.8		ug/L		96	70 - 130
Cyclohexane	50.0	65.0		ug/L		130	70 - 132
Methyl acetate	50.0	61.4		ug/L		123	70 - 130
Trichloroethene	50.0	52.6		ug/L		105	70 - 130
Methylcyclohexane	50.0	59.4		ug/L		119	70 - 134
Trichlorofluoromethane	50.0	52.8		ug/L		106	55 - 156
1,1,2-Trichloro-1,2,2-trifluoroetha ne	50.0	57.7		ug/L		115	60 - 135
1,4-Dioxane	500	623		ug/L		125	50 - 150
Vinyl chloride	25.0	33.7	*	ug/L		135	67 - 134

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*111*		*70 - 130*
Toluene-d8 (Surr)	*107*		*70 - 130*

Lab Sample ID: LCSD 680-255396/5
Matrix: Water
Analysis Batch: 255396

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	81.9		ug/L		82	26 - 180	4	50
Benzene	50.0	52.8		ug/L		106	70 - 130	1	30
Bromochloromethane	50.0	47.7		ug/L		95	70 - 130	7	30
Bromodichloromethane	50.0	53.2		ug/L		106	70 - 130	1	30
Bromoform	50.0	44.4		ug/L		89	70 - 130	4	30
Bromomethane	50.0	30.7		ug/L		61	23 - 165	1	50
2-Butanone	100	88.4		ug/L		88	49 - 172	0	30
Carbon disulfide	50.0	51.6		ug/L		103	54 - 132	8	30
Carbon tetrachloride	50.0	56.1		ug/L		112	70 - 130	3	30
Chlorobenzene	50.0	50.7		ug/L		101	70 - 130	2	30
Chloroethane	50.0	44.4		ug/L		89	56 - 152	4	40
Chloroform	50.0	52.2		ug/L		104	70 - 130	3	30
Chloromethane	50.0	58.2		ug/L		116	70 - 130	10	30

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

Lab Sample ID: LCSD 680-255396/5
Matrix: Water
Analysis Batch: 255396

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dibromochloromethane	50.0	53.2		ug/L		106	70 - 130	3	50
1,2-Dibromo-3-Chloropropane	50.0	50.6		ug/L		101	70 - 130	4	50
1,2-Dibromoethane	50.0	51.6		ug/L		103	70 - 130	0	30
1,2-Dichlorobenzene	50.0	50.0		ug/L		100	70 - 130	1	30
cis-1,2-Dichloroethene	50.0	53.4		ug/L		107	70 - 130	1	30
1,3-Dichlorobenzene	50.0	49.4		ug/L		99	70 - 130	2	30
1,4-Dichlorobenzene	50.0	51.8		ug/L		104	70 - 130	2	30
Dichlorodifluoromethane	50.0	59.2		ug/L		118	44 - 146	7	50
1,1-Dichloroethane	50.0	52.3		ug/L		105	70 - 130	3	30
cis-1,3-Dichloropropene	50.0	55.7		ug/L		111	70 - 130	2	30
1,2-Dichloroethane	50.0	47.6		ug/L		95	70 - 130	3	30
1,1-Dichloroethene	50.0	54.2		ug/L		108	66 - 131	4	30
1,2-Dichloropropane	50.0	53.5		ug/L		107	70 - 130	2	30
Ethylbenzene	50.0	53.1		ug/L		106	70 - 130	1	30
2-Hexanone	100	91.4		ug/L		91	42 - 185	3	30
Isopropylbenzene	50.0	51.0		ug/L		102	70 - 130	1	30
Methylene Chloride	50.0	50.0		ug/L		100	67 - 130	3	30
4-Methyl-2-pentanone	100	100		ug/L		100	70 - 130	0	30
Methyl tert-butyl ether	100	103		ug/L		103	64 - 131	2	30
Styrene	50.0	51.9		ug/L		104	70 - 130	2	30
1,1,2,2-Tetrachloroethane	50.0	48.4		ug/L		97	70 - 130	3	30
o-Xylene	50.0	52.4		ug/L		105	70 - 130	2	30
Tetrachloroethene	50.0	53.4		ug/L		107	70 - 130	3	30
m-Xylene & p-Xylene	100	105		ug/L		105	70 - 130	1	30
Toluene	50.0	51.9		ug/L		104	70 - 130	2	30
trans-1,2-Dichloroethene	50.0	50.6		ug/L		101	70 - 130	4	30
trans-1,3-Dichloropropene	50.0	54.2		ug/L		108	70 - 130	1	50
1,2,3-Trichlorobenzene	50.0	56.6		ug/L		113	70 - 130	4	30
1,2,4-Trichlorobenzene	50.0	53.1		ug/L		106	65 - 130	2	30
1,1,1-Trichloroethane	50.0	53.1		ug/L		106	70 - 130	3	30
1,1,2-Trichloroethane	50.0	46.5		ug/L		93	70 - 130	3	30
Cyclohexane	50.0	63.0		ug/L		126	70 - 132	3	30
Methyl acetate	50.0	59.5		ug/L		119	70 - 130	3	30
Trichloroethene	50.0	51.2		ug/L		102	70 - 130	3	30
Methylcyclohexane	50.0	57.6		ug/L		115	70 - 134	3	30
Trichlorofluoromethane	50.0	49.6		ug/L		99	55 - 156	6	30
1,1,2-Trichloro-1,2,2-trifluoroetha ne	50.0	54.8		ug/L		110	60 - 135	5	30
1,4-Dioxane	500	609		ug/L		122	50 - 150	2	50
Vinyl chloride	25.0	30.0		ug/L		120	67 - 134	12	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*107*		*70 - 130*
Toluene-d8 (Surr)	*106*		*70 - 130*

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

Lab Sample ID: MB 680-255886/8
Matrix: Solid
Analysis Batch: 255886

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.050	0.011	mg/Kg			11/09/12 12:18	1
Benzene	ND		0.0050	0.00073	mg/Kg			11/09/12 12:18	1
Bromochloromethane	ND		0.0050	0.0033	mg/Kg			11/09/12 12:18	1
Bromodichloromethane	ND		0.0050	0.00097	mg/Kg			11/09/12 12:18	1
Bromoform	ND		0.0050	0.0015	mg/Kg			11/09/12 12:18	1
Bromomethane	ND		0.0050	0.0015	mg/Kg			11/09/12 12:18	1
2-Butanone	ND		0.025	0.0024	mg/Kg			11/09/12 12:18	1
Carbon disulfide	ND		0.0050	0.0011	mg/Kg			11/09/12 12:18	1
Carbon tetrachloride	ND		0.0050	0.00083	mg/Kg			11/09/12 12:18	1
Chlorobenzene	ND		0.0050	0.00096	mg/Kg			11/09/12 12:18	1
Chloroethane	ND		0.0050	0.0027	mg/Kg			11/09/12 12:18	1
Chloroform	ND		0.0050	0.0011	mg/Kg			11/09/12 12:18	1
Chloromethane	ND		0.0050	0.0010	mg/Kg			11/09/12 12:18	1
Dibromochloromethane	ND		0.0050	0.0017	mg/Kg			11/09/12 12:18	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0044	mg/Kg			11/09/12 12:18	1
1,2-Dibromoethane	ND		0.0050	0.0015	mg/Kg			11/09/12 12:18	1
1,2-Dichlorobenzene	ND		0.0050	0.0013	mg/Kg			11/09/12 12:18	1
cis-1,2-Dichloroethene	ND		0.0050	0.0014	mg/Kg			11/09/12 12:18	1
1,3-Dichlorobenzene	ND		0.0050	0.0016	mg/Kg			11/09/12 12:18	1
1,4-Dichlorobenzene	ND		0.0050	0.00074	mg/Kg			11/09/12 12:18	1
Dichlorodifluoromethane	ND		0.0050	0.00094	mg/Kg			11/09/12 12:18	1
1,1-Dichloroethane	ND		0.0050	0.0011	mg/Kg			11/09/12 12:18	1
cis-1,3-Dichloropropene	ND		0.0050	0.00083	mg/Kg			11/09/12 12:18	1
1,2-Dichloroethane	ND		0.0050	0.0011	mg/Kg			11/09/12 12:18	1
1,1-Dichloroethene	ND		0.0050	0.0015	mg/Kg			11/09/12 12:18	1
1,2-Dichloropropane	ND		0.0050	0.00086	mg/Kg			11/09/12 12:18	1
Ethylbenzene	ND		0.0050	0.0013	mg/Kg			11/09/12 12:18	1
2-Hexanone	ND		0.025	0.0033	mg/Kg			11/09/12 12:18	1
Isopropylbenzene	ND		0.0050	0.0019	mg/Kg			11/09/12 12:18	1
Methylene Chloride	ND		0.0050	0.00098	mg/Kg			11/09/12 12:18	1
4-Methyl-2-pentanone	ND		0.025	0.0042	mg/Kg			11/09/12 12:18	1
Methyl tert-butyl ether	ND		0.010	0.0010	mg/Kg			11/09/12 12:18	1
Styrene	ND		0.0050	0.00093	mg/Kg			11/09/12 12:18	1
1,1,2,2-Tetrachloroethane	ND		0.0050	0.0016	mg/Kg			11/09/12 12:18	1
o-Xylene	ND		0.0050	0.0011	mg/Kg			11/09/12 12:18	1
Tetrachloroethene	ND		0.0050	0.0019	mg/Kg			11/09/12 12:18	1
m-Xylene & p-Xylene	ND		0.010	0.0026	mg/Kg			11/09/12 12:18	1
Toluene	ND		0.0050	0.00084	mg/Kg			11/09/12 12:18	1
trans-1,2-Dichloroethene	ND		0.0050	0.00063	mg/Kg			11/09/12 12:18	1
trans-1,3-Dichloropropene	ND		0.0050	0.00087	mg/Kg			11/09/12 12:18	1
1,2,3-Trichlorobenzene	ND		0.0050	0.0016	mg/Kg			11/09/12 12:18	1
1,2,4-Trichlorobenzene	ND		0.0050	0.00089	mg/Kg			11/09/12 12:18	1
1,1,1-Trichloroethane	ND		0.0050	0.00059	mg/Kg			11/09/12 12:18	1
1,1,2-Trichloroethane	ND		0.0050	0.0013	mg/Kg			11/09/12 12:18	1
Cyclohexane	ND		0.010	0.0013	mg/Kg			11/09/12 12:18	1
Methyl acetate	ND		0.010	0.0050	mg/Kg			11/09/12 12:18	1
Trichloroethene	ND		0.0050	0.0013	mg/Kg			11/09/12 12:18	1
Methylcyclohexane	ND		0.010	0.00086	mg/Kg			11/09/12 12:18	1

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

Lab Sample ID: MB 680-255886/8
Matrix: Solid
Analysis Batch: 255886

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		0.0050	0.0012	mg/Kg			11/09/12 12:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0050	0.0013	mg/Kg			11/09/12 12:18	1
1,4-Dioxane	ND		0.050	0.050	mg/Kg			11/09/12 12:18	1
Vinyl chloride	ND		0.0050	0.0015	mg/Kg			11/09/12 12:18	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*					*11/09/12 12:18*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*65 - 130*		*11/09/12 12:18*	*1*
Dibromofluoromethane	*104*		*65 - 130*		*11/09/12 12:18*	*1*
Toluene-d8 (Surr)	*96*		*65 - 130*		*11/09/12 12:18*	*1*

Lab Sample ID: LCS 680-255886/5
Matrix: Solid
Analysis Batch: 255886

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	0.100	0.0969		mg/Kg		97	42 - 130
Benzene	0.0500	0.0515		mg/Kg		103	70 - 130
Bromochloromethane	0.0500	0.0558		mg/Kg		112	64 - 130
Bromodichloromethane	0.0500	0.0484		mg/Kg		97	70 - 130
Bromoform	0.0500	0.0493		mg/Kg		99	70 - 130
Bromomethane	0.0500	0.0541		mg/Kg		108	44 - 130
2-Butanone	0.100	0.114		mg/Kg		114	70 - 130
Carbon disulfide	0.0500	0.0555		mg/Kg		111	40 - 136
Carbon tetrachloride	0.0500	0.0467		mg/Kg		93	68 - 130
Chlorobenzene	0.0500	0.0511		mg/Kg		102	70 - 130
Chloroethane	0.0500	0.0558		mg/Kg		112	36 - 150
Chloroform	0.0500	0.0532		mg/Kg		106	70 - 130
Chloromethane	0.0500	0.0545		mg/Kg		109	62 - 135
Dibromochloromethane	0.0500	0.0491		mg/Kg		98	70 - 130
1,2-Dibromo-3-Chloropropane	0.0500	0.0500		mg/Kg		100	67 - 130
1,2-Dibromoethane	0.0500	0.0490		mg/Kg		98	70 - 130
1,2-Dichlorobenzene	0.0500	0.0516		mg/Kg		103	70 - 130
cis-1,2-Dichloroethene	0.0500	0.0555		mg/Kg		111	70 - 130
1,3-Dichlorobenzene	0.0500	0.0511		mg/Kg		102	70 - 130
1,4-Dichlorobenzene	0.0500	0.0512		mg/Kg		102	70 - 130
Dichlorodifluoromethane	0.0500	0.0518		mg/Kg		104	41 - 137
1,1-Dichloroethane	0.0500	0.0542		mg/Kg		108	70 - 130
cis-1,3-Dichloropropene	0.0500	0.0498		mg/Kg		100	70 - 130
1,2-Dichloroethane	0.0500	0.0428		mg/Kg		86	66 - 130
1,1-Dichloroethene	0.0500	0.0450		mg/Kg		90	69 - 130
1,2-Dichloropropane	0.0500	0.0503		mg/Kg		101	70 - 130
Ethylbenzene	0.0500	0.0509		mg/Kg		102	70 - 130
2-Hexanone	0.100	0.111		mg/Kg		111	65 - 130
Isopropylbenzene	0.0500	0.0508		mg/Kg		102	70 - 130

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

Lab Sample ID: LCS 680-255886/5
Matrix: Solid
Analysis Batch: 255886

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	0.0500	0.0562		mg/Kg		112	52 - 135
4-Methyl-2-pentanone	0.100	0.0927		mg/Kg		93	64 - 130
Methyl tert-butyl ether	0.100	0.107		mg/Kg		107	70 - 130
Styrene	0.0500	0.0524		mg/Kg		105	70 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.0518		mg/Kg		104	70 - 130
o-Xylene	0.0500	0.0514		mg/Kg		103	70 - 130
Tetrachloroethene	0.0500	0.0499		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	0.100	0.104		mg/Kg		104	70 - 130
Toluene	0.0500	0.0497		mg/Kg		99	70 - 130
trans-1,2-Dichloroethene	0.0500	0.0560		mg/Kg		112	70 - 130
trans-1,3-Dichloropropene	0.0500	0.0482		mg/Kg		96	69 - 130
1,2,3-Trichlorobenzene	0.0500	0.0479		mg/Kg		96	68 - 130
1,2,4-Trichlorobenzene	0.0500	0.0496		mg/Kg		99	68 - 130
1,1,1-Trichloroethane	0.0500	0.0472		mg/Kg		94	69 - 130
1,1,2-Trichloroethane	0.0500	0.0472		mg/Kg		94	70 - 130
Cyclohexane	0.0500	0.0509		mg/Kg		102	70 - 130
Methyl acetate	0.0500	0.0531		mg/Kg		106	52 - 134
Trichloroethene	0.0500	0.0500		mg/Kg		100	70 - 130
Methylcyclohexane	0.0500	0.0512		mg/Kg		102	70 - 130
Trichlorofluoromethane	0.0500	0.0506		mg/Kg		101	68 - 130
1,1,2-Trichloro-1,2,2-trifluoroetha ne	0.0500	0.0464		mg/Kg		93	70 - 130
Vinyl chloride	0.0500	0.0554		mg/Kg		111	65 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*65 - 130*
Dibromofluoromethane	*106*		*65 - 130*
Toluene-d8 (Surr)	*102*		*65 - 130*

Lab Sample ID: LCSD 680-255886/6
Matrix: Solid
Analysis Batch: 255886

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	0.100	0.113		mg/Kg		113	42 - 130	16	50
Benzene	0.0500	0.0500		mg/Kg		100	70 - 130	3	50
Bromochloromethane	0.0500	0.0549		mg/Kg		110	64 - 130	2	50
Bromodichloromethane	0.0500	0.0473		mg/Kg		95	70 - 130	2	50
Bromoform	0.0500	0.0485		mg/Kg		97	70 - 130	2	50
Bromomethane	0.0500	0.0535		mg/Kg		107	44 - 130	1	50
2-Butanone	0.100	0.112		mg/Kg		112	70 - 130	2	50
Carbon disulfide	0.0500	0.0550		mg/Kg		110	40 - 136	1	50
Carbon tetrachloride	0.0500	0.0452		mg/Kg		90	68 - 130	3	50
Chlorobenzene	0.0500	0.0513		mg/Kg		103	70 - 130	0	50
Chloroethane	0.0500	0.0558		mg/Kg		112	36 - 150	0	50
Chloroform	0.0500	0.0540		mg/Kg		108	70 - 130	1	50
Chloromethane	0.0500	0.0553		mg/Kg		111	62 - 135	1	50
Dibromochloromethane	0.0500	0.0484		mg/Kg		97	70 - 130	1	50

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

Lab Sample ID: LCSD 680-255886/6
Matrix: Solid
Analysis Batch: 255886

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	0.0500	0.0521		mg/Kg		104	67 - 130	4	50
1,2-Dibromoethane	0.0500	0.0468		mg/Kg		94	70 - 130	5	50
1,2-Dichlorobenzene	0.0500	0.0513		mg/Kg		103	70 - 130	1	50
cis-1,2-Dichloroethene	0.0500	0.0552		mg/Kg		110	70 - 130	1	50
1,3-Dichlorobenzene	0.0500	0.0508		mg/Kg		102	70 - 130	1	50
1,4-Dichlorobenzene	0.0500	0.0502		mg/Kg		100	70 - 130	2	50
Dichlorodifluoromethane	0.0500	0.0505		mg/Kg		101	41 - 137	3	50
1,1-Dichloroethane	0.0500	0.0545		mg/Kg		109	70 - 130	1	50
cis-1,3-Dichloropropene	0.0500	0.0485		mg/Kg		97	70 - 130	3	50
1,2-Dichloroethane	0.0500	0.0418		mg/Kg		84	66 - 130	2	50
1,1-Dichloroethene	0.0500	0.0453		mg/Kg		91	69 - 130	1	50
1,2-Dichloropropane	0.0500	0.0486		mg/Kg		97	70 - 130	3	50
Ethylbenzene	0.0500	0.0503		mg/Kg		101	70 - 130	1	50
2-Hexanone	0.100	0.105		mg/Kg		105	65 - 130	5	50
Isopropylbenzene	0.0500	0.0506		mg/Kg		101	70 - 130	0	50
Methylene Chloride	0.0500	0.0537		mg/Kg		107	52 - 135	5	50
4-Methyl-2-pentanone	0.100	0.0901		mg/Kg		90	64 - 130	3	50
Methyl tert-butyl ether	0.100	0.106		mg/Kg		106	70 - 130	1	50
Styrene	0.0500	0.0515		mg/Kg		103	70 - 130	2	50
1,1,2,2-Tetrachloroethane	0.0500	0.0505		mg/Kg		101	70 - 130	2	50
o-Xylene	0.0500	0.0512		mg/Kg		102	70 - 130	0	50
Tetrachloroethene	0.0500	0.0501		mg/Kg		100	70 - 130	0	50
m-Xylene & p-Xylene	0.100	0.101		mg/Kg		101	70 - 130	3	50
Toluene	0.0500	0.0478		mg/Kg		96	70 - 130	4	50
trans-1,2-Dichloroethene	0.0500	0.0558		mg/Kg		112	70 - 130	0	50
trans-1,3-Dichloropropene	0.0500	0.0472		mg/Kg		94	69 - 130	2	50
1,2,3-Trichlorobenzene	0.0500	0.0483		mg/Kg		97	68 - 130	1	50
1,2,4-Trichlorobenzene	0.0500	0.0486		mg/Kg		97	68 - 130	2	50
1,1,1-Trichloroethane	0.0500	0.0461		mg/Kg		92	69 - 130	2	50
1,1,2-Trichloroethane	0.0500	0.0467		mg/Kg		93	70 - 130	1	50
Cyclohexane	0.0500	0.0490		mg/Kg		98	70 - 130	4	50
Methyl acetate	0.0500	0.0516		mg/Kg		103	52 - 134	3	50
Trichloroethene	0.0500	0.0492		mg/Kg		98	70 - 130	2	50
Methylcyclohexane	0.0500	0.0493		mg/Kg		99	70 - 130	4	50
Trichlorofluoromethane	0.0500	0.0496		mg/Kg		99	68 - 130	2	50
1,1,2-Trichloro-1,2,2-trifluoroetha ne	0.0500	0.0464		mg/Kg		93	70 - 130	0	50
Vinyl chloride	0.0500	0.0546		mg/Kg		109	65 - 135	1	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*65 - 130*
Dibromofluoromethane	*106*		*65 - 130*
Toluene-d8 (Surr)	*100*		*65 - 130*

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

Lab Sample ID: MB 680-255969/7
Matrix: Solid
Analysis Batch: 255969

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.050	0.011	mg/Kg			11/10/12 13:27	1
Benzene	ND		0.0050	0.00073	mg/Kg			11/10/12 13:27	1
Bromochloromethane	ND		0.0050	0.0033	mg/Kg			11/10/12 13:27	1
Bromodichloromethane	ND		0.0050	0.00097	mg/Kg			11/10/12 13:27	1
Bromoform	ND		0.0050	0.0015	mg/Kg			11/10/12 13:27	1
Bromomethane	ND		0.0050	0.0015	mg/Kg			11/10/12 13:27	1
2-Butanone	ND		0.025	0.0024	mg/Kg			11/10/12 13:27	1
Carbon disulfide	ND		0.0050	0.0011	mg/Kg			11/10/12 13:27	1
Carbon tetrachloride	ND		0.0050	0.00083	mg/Kg			11/10/12 13:27	1
Chlorobenzene	ND		0.0050	0.00096	mg/Kg			11/10/12 13:27	1
Chloroethane	ND		0.0050	0.0027	mg/Kg			11/10/12 13:27	1
Chloroform	ND		0.0050	0.0011	mg/Kg			11/10/12 13:27	1
Chloromethane	ND		0.0050	0.0010	mg/Kg			11/10/12 13:27	1
Dibromochloromethane	ND		0.0050	0.0017	mg/Kg			11/10/12 13:27	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0044	mg/Kg			11/10/12 13:27	1
1,2-Dibromoethane	ND		0.0050	0.0015	mg/Kg			11/10/12 13:27	1
1,2-Dichlorobenzene	ND		0.0050	0.0013	mg/Kg			11/10/12 13:27	1
cis-1,2-Dichloroethene	ND		0.0050	0.0014	mg/Kg			11/10/12 13:27	1
1,3-Dichlorobenzene	ND		0.0050	0.0016	mg/Kg			11/10/12 13:27	1
1,4-Dichlorobenzene	ND		0.0050	0.00074	mg/Kg			11/10/12 13:27	1
Dichlorodifluoromethane	ND		0.0050	0.00094	mg/Kg			11/10/12 13:27	1
1,1-Dichloroethane	ND		0.0050	0.0011	mg/Kg			11/10/12 13:27	1
cis-1,3-Dichloropropene	ND		0.0050	0.00083	mg/Kg			11/10/12 13:27	1
1,2-Dichloroethane	ND		0.0050	0.0011	mg/Kg			11/10/12 13:27	1
1,1-Dichloroethene	ND		0.0050	0.0015	mg/Kg			11/10/12 13:27	1
1,2-Dichloropropane	ND		0.0050	0.00086	mg/Kg			11/10/12 13:27	1
Ethylbenzene	ND		0.0050	0.0013	mg/Kg			11/10/12 13:27	1
2-Hexanone	ND		0.025	0.0033	mg/Kg			11/10/12 13:27	1
Isopropylbenzene	ND		0.0050	0.0019	mg/Kg			11/10/12 13:27	1
Methylene Chloride	ND		0.0050	0.00098	mg/Kg			11/10/12 13:27	1
4-Methyl-2-pentanone	ND		0.025	0.0042	mg/Kg			11/10/12 13:27	1
Methyl tert-butyl ether	ND		0.010	0.0010	mg/Kg			11/10/12 13:27	1
Styrene	ND		0.0050	0.00093	mg/Kg			11/10/12 13:27	1
1,1,2,2-Tetrachloroethane	ND		0.0050	0.0016	mg/Kg			11/10/12 13:27	1
o-Xylene	ND		0.0050	0.0011	mg/Kg			11/10/12 13:27	1
Tetrachloroethene	ND		0.0050	0.0019	mg/Kg			11/10/12 13:27	1
m-Xylene & p-Xylene	ND		0.010	0.0026	mg/Kg			11/10/12 13:27	1
Toluene	ND		0.0050	0.00084	mg/Kg			11/10/12 13:27	1
trans-1,2-Dichloroethene	ND		0.0050	0.00063	mg/Kg			11/10/12 13:27	1
trans-1,3-Dichloropropene	ND		0.0050	0.00087	mg/Kg			11/10/12 13:27	1
1,2,3-Trichlorobenzene	ND		0.0050	0.0016	mg/Kg			11/10/12 13:27	1
1,2,4-Trichlorobenzene	ND		0.0050	0.00089	mg/Kg			11/10/12 13:27	1
1,1,1-Trichloroethane	ND		0.0050	0.00059	mg/Kg			11/10/12 13:27	1
1,1,2-Trichloroethane	ND		0.0050	0.0013	mg/Kg			11/10/12 13:27	1
Cyclohexane	ND		0.010	0.0013	mg/Kg			11/10/12 13:27	1
Methyl acetate	ND		0.010	0.0050	mg/Kg			11/10/12 13:27	1
Trichloroethene	ND		0.0050	0.0013	mg/Kg			11/10/12 13:27	1
Methylcyclohexane	ND		0.010	0.00086	mg/Kg			11/10/12 13:27	1

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

Lab Sample ID: MB 680-255969/7
Matrix: Solid
Analysis Batch: 255969

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		0.0050	0.0012	mg/Kg			11/10/12 13:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0050	0.0013	mg/Kg			11/10/12 13:27	1
1,4-Dioxane	ND		0.050	0.050	mg/Kg			11/10/12 13:27	1
Vinyl chloride	ND		0.0050	0.0015	mg/Kg			11/10/12 13:27	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*					*11/10/12 13:27*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*65 - 130*		*11/10/12 13:27*	*1*
Dibromofluoromethane	*110*		*65 - 130*		*11/10/12 13:27*	*1*
Toluene-d8 (Surr)	*95*		*65 - 130*		*11/10/12 13:27*	*1*

Lab Sample ID: LCS 680-255969/4
Matrix: Solid
Analysis Batch: 255969

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	0.100	0.113		mg/Kg		113	42 - 130
Benzene	0.0500	0.0602		mg/Kg		120	70 - 130
Bromochloromethane	0.0500	0.0639		mg/Kg		128	64 - 130
Bromodichloromethane	0.0500	0.0549		mg/Kg		110	70 - 130
Bromoform	0.0500	0.0553		mg/Kg		111	70 - 130
Bromomethane	0.0500	0.0612		mg/Kg		122	44 - 130
2-Butanone	0.100	0.134	*	mg/Kg		134	70 - 130
Carbon disulfide	0.0500	0.0643		mg/Kg		129	40 - 136
Carbon tetrachloride	0.0500	0.0503		mg/Kg		101	68 - 130
Chlorobenzene	0.0500	0.0586		mg/Kg		117	70 - 130
Chloroethane	0.0500	0.0620		mg/Kg		124	36 - 150
Chloroform	0.0500	0.0605		mg/Kg		121	70 - 130
Chloromethane	0.0500	0.0638		mg/Kg		128	62 - 135
Dibromochloromethane	0.0500	0.0562		mg/Kg		112	70 - 130
1,2-Dibromo-3-Chloropropane	0.0500	0.0594		mg/Kg		119	67 - 130
1,2-Dibromoethane	0.0500	0.0577		mg/Kg		115	70 - 130
1,2-Dichlorobenzene	0.0500	0.0591		mg/Kg		118	70 - 130
cis-1,2-Dichloroethene	0.0500	0.0629		mg/Kg		126	70 - 130
1,3-Dichlorobenzene	0.0500	0.0597		mg/Kg		119	70 - 130
1,4-Dichlorobenzene	0.0500	0.0594		mg/Kg		119	70 - 130
Dichlorodifluoromethane	0.0500	0.0574		mg/Kg		115	41 - 137
1,1-Dichloroethane	0.0500	0.0620		mg/Kg		124	70 - 130
cis-1,3-Dichloropropene	0.0500	0.0569		mg/Kg		114	70 - 130
1,2-Dichloroethane	0.0500	0.0477		mg/Kg		95	66 - 130
1,1-Dichloroethene	0.0500	0.0514		mg/Kg		103	69 - 130
1,2-Dichloropropane	0.0500	0.0588		mg/Kg		118	70 - 130
Ethylbenzene	0.0500	0.0587		mg/Kg		117	70 - 130
2-Hexanone	0.100	0.124		mg/Kg		124	65 - 130
Isopropylbenzene	0.0500	0.0592		mg/Kg		118	70 - 130

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

Lab Sample ID: LCS 680-255969/4
Matrix: Solid
Analysis Batch: 255969

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	0.0500	0.0636		mg/Kg		127	52 - 135
4-Methyl-2-pentanone	0.100	0.111		mg/Kg		111	64 - 130
Methyl tert-butyl ether	0.100	0.122		mg/Kg		122	70 - 130
Styrene	0.0500	0.0607		mg/Kg		121	70 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.0616		mg/Kg		123	70 - 130
o-Xylene	0.0500	0.0599		mg/Kg		120	70 - 130
Tetrachloroethene	0.0500	0.0558		mg/Kg		112	70 - 130
m-Xylene & p-Xylene	0.100	0.120		mg/Kg		120	70 - 130
Toluene	0.0500	0.0588		mg/Kg		118	70 - 130
trans-1,2-Dichloroethene	0.0500	0.0636		mg/Kg		127	70 - 130
trans-1,3-Dichloropropene	0.0500	0.0561		mg/Kg		112	69 - 130
1,2,3-Trichlorobenzene	0.0500	0.0553		mg/Kg		111	68 - 130
1,2,4-Trichlorobenzene	0.0500	0.0558		mg/Kg		112	68 - 130
1,1,1-Trichloroethane	0.0500	0.0516		mg/Kg		103	69 - 130
1,1,2-Trichloroethane	0.0500	0.0552		mg/Kg		110	70 - 130
Cyclohexane	0.0500	0.0592		mg/Kg		118	70 - 130
Methyl acetate	0.0500	0.0603		mg/Kg		121	52 - 134
Trichloroethene	0.0500	0.0576		mg/Kg		115	70 - 130
Methylcyclohexane	0.0500	0.0592		mg/Kg		118	70 - 130
Trichlorofluoromethane	0.0500	0.0548		mg/Kg		110	68 - 130
1,1,2-Trichloro-1,2,2-trifluoroetha ne	0.0500	0.0508		mg/Kg		102	70 - 130
Vinyl chloride	0.0500	0.0627		mg/Kg		125	65 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*116*		*65 - 130*
Dibromofluoromethane	*122*		*65 - 130*
Toluene-d8 (Surr)	*119*		*65 - 130*

Lab Sample ID: LCSD 680-255969/5
Matrix: Solid
Analysis Batch: 255969

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	0.100	0.125		mg/Kg		125	42 - 130	10	50
Benzene	0.0500	0.0513		mg/Kg		103	70 - 130	16	50
Bromochloromethane	0.0500	0.0593		mg/Kg		119	64 - 130	7	50
Bromodichloromethane	0.0500	0.0465		mg/Kg		93	70 - 130	17	50
Bromoform	0.0500	0.0480		mg/Kg		96	70 - 130	14	50
Bromomethane	0.0500	0.0543		mg/Kg		109	44 - 130	12	50
2-Butanone	0.100	0.129		mg/Kg		129	70 - 130	4	50
Carbon disulfide	0.0500	0.0582		mg/Kg		116	40 - 136	10	50
Carbon tetrachloride	0.0500	0.0426		mg/Kg		85	68 - 130	16	50
Chlorobenzene	0.0500	0.0500		mg/Kg		100	70 - 130	16	50
Chloroethane	0.0500	0.0558		mg/Kg		112	36 - 150	10	50
Chloroform	0.0500	0.0541		mg/Kg		108	70 - 130	11	50
Chloromethane	0.0500	0.0581		mg/Kg		116	62 - 135	9	50
Dibromochloromethane	0.0500	0.0486		mg/Kg		97	70 - 130	15	50

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

Lab Sample ID: LCSD 680-255969/5
Matrix: Solid
Analysis Batch: 255969

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	0.0500	0.0531		mg/Kg		106	67 - 130	11	50
1,2-Dibromoethane	0.0500	0.0491		mg/Kg		98	70 - 130	16	50
1,2-Dichlorobenzene	0.0500	0.0507		mg/Kg		101	70 - 130	15	50
cis-1,2-Dichloroethene	0.0500	0.0569		mg/Kg		114	70 - 130	10	50
1,3-Dichlorobenzene	0.0500	0.0514		mg/Kg		103	70 - 130	15	50
1,4-Dichlorobenzene	0.0500	0.0512		mg/Kg		102	70 - 130	15	50
Dichlorodifluoromethane	0.0500	0.0516		mg/Kg		103	41 - 137	11	50
1,1-Dichloroethane	0.0500	0.0576		mg/Kg		115	70 - 130	7	50
cis-1,3-Dichloropropene	0.0500	0.0499		mg/Kg		100	70 - 130	13	50
1,2-Dichloroethane	0.0500	0.0411		mg/Kg		82	66 - 130	15	50
1,1-Dichloroethene	0.0500	0.0526		mg/Kg		105	69 - 130	2	50
1,2-Dichloropropane	0.0500	0.0510		mg/Kg		102	70 - 130	14	50
Ethylbenzene	0.0500	0.0500		mg/Kg		100	70 - 130	16	50
2-Hexanone	0.100	0.119		mg/Kg		119	65 - 130	5	50
Isopropylbenzene	0.0500	0.0502		mg/Kg		100	70 - 130	16	50
Methylene Chloride	0.0500	0.0578		mg/Kg		116	52 - 135	10	50
4-Methyl-2-pentanone	0.100	0.0997		mg/Kg		100	64 - 130	11	50
Methyl tert-butyl ether	0.100	0.113		mg/Kg		113	70 - 130	8	50
Styrene	0.0500	0.0510		mg/Kg		102	70 - 130	17	50
1,1,2,2-Tetrachloroethane	0.0500	0.0527		mg/Kg		105	70 - 130	16	50
o-Xylene	0.0500	0.0510		mg/Kg		102	70 - 130	16	50
Tetrachloroethene	0.0500	0.0479		mg/Kg		96	70 - 130	15	50
m-Xylene & p-Xylene	0.100	0.102		mg/Kg		102	70 - 130	16	50
Toluene	0.0500	0.0495		mg/Kg		99	70 - 130	17	50
trans-1,2-Dichloroethene	0.0500	0.0577		mg/Kg		115	70 - 130	10	50
trans-1,3-Dichloropropene	0.0500	0.0473		mg/Kg		95	69 - 130	17	50
1,2,3-Trichlorobenzene	0.0500	0.0491		mg/Kg		98	68 - 130	12	50
1,2,4-Trichlorobenzene	0.0500	0.0492		mg/Kg		98	68 - 130	13	50
1,1,1-Trichloroethane	0.0500	0.0440		mg/Kg		88	69 - 130	16	50
1,1,2-Trichloroethane	0.0500	0.0467		mg/Kg		93	70 - 130	17	50
Cyclohexane	0.0500	0.0507		mg/Kg		101	70 - 130	16	50
Methyl acetate	0.0500	0.0599		mg/Kg		120	52 - 134	1	50
Trichloroethene	0.0500	0.0492		mg/Kg		98	70 - 130	16	50
Methylcyclohexane	0.0500	0.0510		mg/Kg		102	70 - 130	15	50
Trichlorofluoromethane	0.0500	0.0478		mg/Kg		96	68 - 130	13	50
1,1,2-Trichloro-1,2,2-trifluoroetha ne	0.0500	0.0540		mg/Kg		108	70 - 130	6	50
Vinyl chloride	0.0500	0.0562		mg/Kg		112	65 - 135	11	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*65 - 130*
Dibromofluoromethane	*108*		*65 - 130*
Toluene-d8 (Surr)	*100*		*65 - 130*

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

Lab Sample ID: MB 680-256457/5
Matrix: Solid
Analysis Batch: 256457

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.050	0.011	mg/Kg			11/14/12 13:29	1
Benzene	ND		0.0050	0.00073	mg/Kg			11/14/12 13:29	1
Bromochloromethane	ND		0.0050	0.0033	mg/Kg			11/14/12 13:29	1
Bromodichloromethane	ND		0.0050	0.00097	mg/Kg			11/14/12 13:29	1
Bromoform	ND		0.0050	0.0015	mg/Kg			11/14/12 13:29	1
Bromomethane	ND		0.0050	0.0015	mg/Kg			11/14/12 13:29	1
2-Butanone	ND		0.025	0.0024	mg/Kg			11/14/12 13:29	1
Carbon disulfide	ND		0.0050	0.0011	mg/Kg			11/14/12 13:29	1
Carbon tetrachloride	ND		0.0050	0.00083	mg/Kg			11/14/12 13:29	1
Chlorobenzene	ND		0.0050	0.00096	mg/Kg			11/14/12 13:29	1
Chloroethane	ND		0.0050	0.0027	mg/Kg			11/14/12 13:29	1
Chloroform	ND		0.0050	0.0011	mg/Kg			11/14/12 13:29	1
Chloromethane	ND		0.0050	0.0010	mg/Kg			11/14/12 13:29	1
Dibromochloromethane	ND		0.0050	0.0017	mg/Kg			11/14/12 13:29	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0044	mg/Kg			11/14/12 13:29	1
1,2-Dibromoethane	ND		0.0050	0.0015	mg/Kg			11/14/12 13:29	1
1,2-Dichlorobenzene	ND		0.0050	0.0013	mg/Kg			11/14/12 13:29	1
cis-1,2-Dichloroethene	ND		0.0050	0.0014	mg/Kg			11/14/12 13:29	1
1,3-Dichlorobenzene	ND		0.0050	0.0016	mg/Kg			11/14/12 13:29	1
1,4-Dichlorobenzene	ND		0.0050	0.00074	mg/Kg			11/14/12 13:29	1
Dichlorodifluoromethane	ND		0.0050	0.00094	mg/Kg			11/14/12 13:29	1
1,1-Dichloroethane	ND		0.0050	0.0011	mg/Kg			11/14/12 13:29	1
cis-1,3-Dichloropropene	ND		0.0050	0.00083	mg/Kg			11/14/12 13:29	1
1,2-Dichloroethane	ND		0.0050	0.0011	mg/Kg			11/14/12 13:29	1
1,1-Dichloroethene	ND		0.0050	0.0015	mg/Kg			11/14/12 13:29	1
1,2-Dichloropropane	ND		0.0050	0.00086	mg/Kg			11/14/12 13:29	1
Ethylbenzene	ND		0.0050	0.0013	mg/Kg			11/14/12 13:29	1
2-Hexanone	ND		0.025	0.0033	mg/Kg			11/14/12 13:29	1
Isopropylbenzene	ND		0.0050	0.0019	mg/Kg			11/14/12 13:29	1
Methylene Chloride	ND		0.0050	0.00098	mg/Kg			11/14/12 13:29	1
4-Methyl-2-pentanone	ND		0.025	0.0042	mg/Kg			11/14/12 13:29	1
Methyl tert-butyl ether	ND		0.010	0.0010	mg/Kg			11/14/12 13:29	1
Styrene	ND		0.0050	0.00093	mg/Kg			11/14/12 13:29	1
1,1,2,2-Tetrachloroethane	ND		0.0050	0.0016	mg/Kg			11/14/12 13:29	1
o-Xylene	ND		0.0050	0.0011	mg/Kg			11/14/12 13:29	1
Tetrachloroethene	ND		0.0050	0.0019	mg/Kg			11/14/12 13:29	1
m-Xylene & p-Xylene	ND		0.010	0.0026	mg/Kg			11/14/12 13:29	1
Toluene	ND		0.0050	0.00084	mg/Kg			11/14/12 13:29	1
trans-1,2-Dichloroethene	ND		0.0050	0.00063	mg/Kg			11/14/12 13:29	1
trans-1,3-Dichloropropene	ND		0.0050	0.00087	mg/Kg			11/14/12 13:29	1
1,2,3-Trichlorobenzene	ND		0.0050	0.0016	mg/Kg			11/14/12 13:29	1
1,2,4-Trichlorobenzene	ND		0.0050	0.00089	mg/Kg			11/14/12 13:29	1
1,1,1-Trichloroethane	ND		0.0050	0.00059	mg/Kg			11/14/12 13:29	1
1,1,2-Trichloroethane	ND		0.0050	0.0013	mg/Kg			11/14/12 13:29	1
Cyclohexane	ND		0.010	0.0013	mg/Kg			11/14/12 13:29	1
Methyl acetate	ND		0.010	0.0050	mg/Kg			11/14/12 13:29	1
Trichloroethene	ND		0.0050	0.0013	mg/Kg			11/14/12 13:29	1
Methylcyclohexane	ND		0.010	0.00086	mg/Kg			11/14/12 13:29	1

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

Lab Sample ID: MB 680-256457/5
Matrix: Solid
Analysis Batch: 256457

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		0.0050	0.0012	mg/Kg			11/14/12 13:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0050	0.0013	mg/Kg			11/14/12 13:29	1
1,4-Dioxane	ND		0.050	0.050	mg/Kg			11/14/12 13:29	1
Vinyl chloride	ND		0.0050	0.0015	mg/Kg			11/14/12 13:29	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*					*11/14/12 13:29*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*65 - 130*		*11/14/12 13:29*	*1*
Dibromofluoromethane	*101*		*65 - 130*		*11/14/12 13:29*	*1*
Toluene-d8 (Surr)	*98*		*65 - 130*		*11/14/12 13:29*	*1*

Lab Sample ID: LCS 680-256457/8
Matrix: Solid
Analysis Batch: 256457

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	0.100	0.113		mg/Kg		113	42 - 130
Benzene	0.0500	0.0492		mg/Kg		98	70 - 130
Bromochloromethane	0.0500	0.0493		mg/Kg		99	64 - 130
Bromodichloromethane	0.0500	0.0528		mg/Kg		106	70 - 130
Bromoform	0.0500	0.0540		mg/Kg		108	70 - 130
Bromomethane	0.0500	0.0492		mg/Kg		98	44 - 130
2-Butanone	0.100	0.0994		mg/Kg		99	70 - 130
Carbon disulfide	0.0500	0.0450		mg/Kg		90	40 - 136
Carbon tetrachloride	0.0500	0.0472		mg/Kg		94	68 - 130
Chlorobenzene	0.0500	0.0479		mg/Kg		96	70 - 130
Chloroethane	0.0500	0.0454		mg/Kg		91	36 - 150
Chloroform	0.0500	0.0471		mg/Kg		94	70 - 130
Chloromethane	0.0500	0.0420		mg/Kg		84	62 - 135
Dibromochloromethane	0.0500	0.0527		mg/Kg		105	70 - 130
1,2-Dibromo-3-Chloropropane	0.0500	0.0550		mg/Kg		110	67 - 130
1,2-Dibromoethane	0.0500	0.0546		mg/Kg		109	70 - 130
1,2-Dichlorobenzene	0.0500	0.0511		mg/Kg		102	70 - 130
cis-1,2-Dichloroethene	0.0500	0.0472		mg/Kg		94	70 - 130
1,3-Dichlorobenzene	0.0500	0.0497		mg/Kg		99	70 - 130
1,4-Dichlorobenzene	0.0500	0.0492		mg/Kg		98	70 - 130
Dichlorodifluoromethane	0.0500	0.0407		mg/Kg		81	41 - 137
1,1-Dichloroethane	0.0500	0.0473		mg/Kg		95	70 - 130
cis-1,3-Dichloropropene	0.0500	0.0524		mg/Kg		105	70 - 130
1,2-Dichloroethane	0.0500	0.0540		mg/Kg		108	66 - 130
1,1-Dichloroethene	0.0500	0.0448		mg/Kg		90	69 - 130
1,2-Dichloropropane	0.0500	0.0500		mg/Kg		100	70 - 130
Ethylbenzene	0.0500	0.0482		mg/Kg		96	70 - 130
2-Hexanone	0.100	0.137	*	mg/Kg		137	65 - 130
Isopropylbenzene	0.0500	0.0482		mg/Kg		96	70 - 130

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

Lab Sample ID: LCS 680-256457/8
Matrix: Solid
Analysis Batch: 256457

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	0.0500	0.0473		mg/Kg		95	52 - 135
4-Methyl-2-pentanone	0.100	0.117		mg/Kg		117	64 - 130
Methyl tert-butyl ether	0.100	0.104		mg/Kg		104	70 - 130
Styrene	0.0500	0.0510		mg/Kg		102	70 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.0550		mg/Kg		110	70 - 130
o-Xylene	0.0500	0.0498		mg/Kg		100	70 - 130
Tetrachloroethene	0.0500	0.0462		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	0.100	0.0986		mg/Kg		99	70 - 130
Toluene	0.0500	0.0500		mg/Kg		100	70 - 130
trans-1,2-Dichloroethene	0.0500	0.0446		mg/Kg		89	70 - 130
trans-1,3-Dichloropropene	0.0500	0.0558		mg/Kg		112	69 - 130
1,2,3-Trichlorobenzene	0.0500	0.0504		mg/Kg		101	68 - 130
1,2,4-Trichlorobenzene	0.0500	0.0483		mg/Kg		97	68 - 130
1,1,1-Trichloroethane	0.0500	0.0475		mg/Kg		95	69 - 130
1,1,2-Trichloroethane	0.0500	0.0561		mg/Kg		112	70 - 130
Cyclohexane	0.0500	0.0471		mg/Kg		94	70 - 130
Methyl acetate	0.0500	0.0548		mg/Kg		110	52 - 134
Trichloroethene	0.0500	0.0474		mg/Kg		95	70 - 130
Methylcyclohexane	0.0500	0.0473		mg/Kg		95	70 - 130
Trichlorofluoromethane	0.0500	0.0480		mg/Kg		96	68 - 130
1,1,2-Trichloro-1,2,2-trifluoroetha ne	0.0500	0.0422		mg/Kg		84	70 - 130
Vinyl chloride	0.0500	0.0468		mg/Kg		94	65 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*65 - 130*
Dibromofluoromethane	*93*		*65 - 130*
Toluene-d8 (Surr)	*98*		*65 - 130*

Lab Sample ID: LCSD 680-256457/4
Matrix: Solid
Analysis Batch: 256457

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	0.100	0.0532	*	mg/Kg		53	42 - 130	72	50
Benzene	0.0500	0.0543		mg/Kg		109	70 - 130	10	50
Bromochloromethane	0.0500	0.0513		mg/Kg		103	64 - 130	4	50
Bromodichloromethane	0.0500	0.0560		mg/Kg		112	70 - 130	6	50
Bromoform	0.0500	0.0592		mg/Kg		118	70 - 130	9	50
Bromomethane	0.0500	0.0494		mg/Kg		99	44 - 130	0	50
2-Butanone	0.100	0.0599	*	mg/Kg		60	70 - 130	50	50
Carbon disulfide	0.0500	0.0498		mg/Kg		100	40 - 136	10	50
Carbon tetrachloride	0.0500	0.0528		mg/Kg		106	68 - 130	11	50
Chlorobenzene	0.0500	0.0529		mg/Kg		106	70 - 130	10	50
Chloroethane	0.0500	0.0586		mg/Kg		117	36 - 150	25	50
Chloroform	0.0500	0.0498		mg/Kg		100	70 - 130	6	50
Chloromethane	0.0500	0.0398		mg/Kg		80	62 - 135	6	50
Dibromochloromethane	0.0500	0.0547		mg/Kg		109	70 - 130	4	50

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

Lab Sample ID: LCSD 680-256457/4
Matrix: Solid
Analysis Batch: 256457

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	0.0500	0.0637		mg/Kg		127	67 - 130	15	50
1,2-Dibromoethane	0.0500	0.0596		mg/Kg		119	70 - 130	9	50
1,2-Dichlorobenzene	0.0500	0.0566		mg/Kg		113	70 - 130	10	50
cis-1,2-Dichloroethene	0.0500	0.0497		mg/Kg		99	70 - 130	5	50
1,3-Dichlorobenzene	0.0500	0.0546		mg/Kg		109	70 - 130	9	50
1,4-Dichlorobenzene	0.0500	0.0542		mg/Kg		108	70 - 130	10	50
Dichlorodifluoromethane	0.0500	0.0502		mg/Kg		100	41 - 137	21	50
1,1-Dichloroethane	0.0500	0.0498		mg/Kg		100	70 - 130	5	50
cis-1,3-Dichloropropene	0.0500	0.0571		mg/Kg		114	70 - 130	9	50
1,2-Dichloroethane	0.0500	0.0581		mg/Kg		116	66 - 130	7	50
1,1-Dichloroethene	0.0500	0.0501		mg/Kg		100	69 - 130	11	50
1,2-Dichloropropane	0.0500	0.0545		mg/Kg		109	70 - 130	9	50
Ethylbenzene	0.0500	0.0532		mg/Kg		106	70 - 130	10	50
2-Hexanone	0.100	0.101		mg/Kg		101	65 - 130	30	50
Isopropylbenzene	0.0500	0.0530		mg/Kg		106	70 - 130	9	50
Methylene Chloride	0.0500	0.0511		mg/Kg		102	52 - 135	8	50
4-Methyl-2-pentanone	0.100	0.128		mg/Kg		128	64 - 130	9	50
Methyl tert-butyl ether	0.100	0.111		mg/Kg		111	70 - 130	7	50
Styrene	0.0500	0.0541		mg/Kg		108	70 - 130	6	50
1,1,2,2-Tetrachloroethane	0.0500	0.0619		mg/Kg		124	70 - 130	12	50
o-Xylene	0.0500	0.0530		mg/Kg		106	70 - 130	6	50
Tetrachloroethene	0.0500	0.0504		mg/Kg		101	70 - 130	9	50
m-Xylene & p-Xylene	0.100	0.107		mg/Kg		107	70 - 130	8	50
Toluene	0.0500	0.0548		mg/Kg		110	70 - 130	9	50
trans-1,2-Dichloroethene	0.0500	0.0495		mg/Kg		99	70 - 130	10	50
trans-1,3-Dichloropropene	0.0500	0.0599		mg/Kg		120	69 - 130	7	50
1,2,3-Trichlorobenzene	0.0500	0.0543		mg/Kg		109	68 - 130	7	50
1,2,4-Trichlorobenzene	0.0500	0.0531		mg/Kg		106	68 - 130	10	50
1,1,1-Trichloroethane	0.0500	0.0528		mg/Kg		106	69 - 130	10	50
1,1,2-Trichloroethane	0.0500	0.0597		mg/Kg		119	70 - 130	6	50
Cyclohexane	0.0500	0.0550		mg/Kg		110	70 - 130	16	50
Methyl acetate	0.0500	0.0472		mg/Kg		94	52 - 134	15	50
Trichloroethene	0.0500	0.0517		mg/Kg		103	70 - 130	9	50
Methylcyclohexane	0.0500	0.0535		mg/Kg		107	70 - 130	12	50
Trichlorofluoromethane	0.0500	0.0482		mg/Kg		96	68 - 130	0	50
1,1,2-Trichloro-1,2,2-trifluoroetha ne	0.0500	0.0495		mg/Kg		99	70 - 130	16	50
Vinyl chloride	0.0500	0.0541		mg/Kg		108	65 - 135	14	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*110*		*65 - 130*
Dibromofluoromethane	*99*		*65 - 130*
Toluene-d8 (Surr)	*109*		*65 - 130*

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

Lab Sample ID: MB 680-254709/20-A
Matrix: Solid
Analysis Batch: 255970

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 254709

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.33	0.040	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Acenaphthylene	ND		0.33	0.035	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Acetophenone	ND		0.33	0.028	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Anthracene	ND		0.33	0.025	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Atrazine	ND		0.33	0.023	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Benzaldehyde	ND		0.33	0.057	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Benzo[a]anthracene	ND		0.33	0.027	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Benzo[a]pyrene	ND		0.33	0.051	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Benzo[b]fluoranthene	ND		0.33	0.037	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Benzo[g,h,i]perylene	ND		0.33	0.022	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Benzo[k]fluoranthene	ND		0.33	0.064	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
1,1'-Biphenyl	ND		0.33	0.73	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Bis(2-chloroethoxy)methane	ND		0.33	0.038	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Bis(2-chloroethyl)ether	ND		0.33	0.044	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
bis (2-chloroisopropyl) ether	ND		0.33	0.030	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Bis(2-ethylhexyl) phthalate	ND		0.33	0.029	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
4-Bromophenyl phenyl ether	ND		0.33	0.035	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Butyl benzyl phthalate	ND		0.33	0.026	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Caprolactam	ND		0.33	0.065	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Carbazole	ND		0.33	0.030	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
4-Chloroaniline	ND		0.65	0.051	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
4-Chloro-3-methylphenol	ND		0.33	0.034	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
2-Chloronaphthalene	ND		0.33	0.034	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
2-Chlorophenol	ND		0.33	0.039	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
4-Chlorophenyl phenyl ether	ND		0.33	0.043	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Chrysene	ND		0.33	0.021	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Dibenz(a,h)anthracene	ND		0.33	0.038	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Dibenzofuran	ND		0.33	0.033	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
3,3'-Dichlorobenzidine	ND		0.65	0.028	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
2,4-Dichlorophenol	ND		0.33	0.034	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Diethyl phthalate	ND		0.33	0.036	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
2,4-Dimethylphenol	ND		0.33	0.043	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Dimethyl phthalate	ND		0.33	0.033	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Di-n-butyl phthalate	ND		0.33	0.030	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
4,6-Dinitro-2-methylphenol	ND		1.7	0.17	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
2,4-Dinitrophenol	ND		1.7	0.82	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
2,4-Dinitrotoluene	ND		0.33	0.048	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
2,6-Dinitrotoluene	ND		0.33	0.041	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Di-n-octyl phthalate	ND		0.33	0.029	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Fluoranthene	ND		0.33	0.032	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Fluorene	ND		0.33	0.035	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Hexachlorobenzene	ND		0.33	0.038	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Hexachlorobutadiene	ND		0.33	0.035	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Hexachlorocyclopentadiene	ND		0.33	0.040	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Hexachloroethane	ND		0.33	0.028	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Indeno[1,2,3-cd]pyrene	ND		0.33	0.028	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Isophorone	ND		0.33	0.033	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
2-Methylnaphthalene	ND		0.33	0.037	mg/Kg		10/30/12 16:46	11/10/12 18:22	1

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

Lab Sample ID: MB 680-254709/20-A
Matrix: Solid
Analysis Batch: 255970

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 254709

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.33	0.027	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
3 & 4 Methylphenol	ND		0.33	0.042	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Naphthalene	ND		0.33	0.030	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
2-Nitroaniline	ND		1.7	0.044	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
3-Nitroaniline	ND		1.7	0.045	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
4-Nitroaniline	ND		1.7	0.048	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Nitrobenzene	ND		0.33	0.026	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
2-Nitrophenol	ND		0.33	0.040	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
4-Nitrophenol	ND		1.7	0.33	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
N-Nitrosodi-n-propylamine	ND		0.33	0.032	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
N-Nitrosodiphenylamine	ND		0.33	0.033	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Pentachlorophenol	ND		1.7	0.33	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Phenanthrene	ND		0.33	0.027	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Phenol	ND		0.33	0.033	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Pyrene	ND		0.33	0.027	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
1,2,4,5-Tetrachlorobenzene	ND		0.33	0.031	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
2,3,4,6-Tetrachlorophenol	ND		0.33	0.022	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
2,4,5-Trichlorophenol	ND		0.33	0.034	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
2,4,6-Trichlorophenol	ND		0.33	0.029	mg/Kg		10/30/12 16:46	11/10/12 18:22	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown Aldol Condensate	*1.30*	*T J A*	*mg/Kg*		*3.38*		*10/30/12 16:46*	*11/10/12 18:22*	*1*
Unknown Aldol Condensate	*0.501*	*T J A*	*mg/Kg*		*3.44*		*10/30/12 16:46*	*11/10/12 18:22*	*1*
Unknown	*0.172*	*T J*	*mg/Kg*		*11.61*		*10/30/12 16:46*	*11/10/12 18:22*	*1*
Octadecanoic acid, butyl ester	*0.135*	*T J N*	*mg/Kg*		*12.38*	*123-95-5*	*10/30/12 16:46*	*11/10/12 18:22*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*63*		*58 - 130*	*10/30/12 16:46*	*11/10/12 18:22*	*1*
2-Fluorophenol	*61*		*40 - 130*	*10/30/12 16:46*	*11/10/12 18:22*	*1*
Nitrobenzene-d5	*58*		*46 - 130*	*10/30/12 16:46*	*11/10/12 18:22*	*1*
Phenol-d5	*60*		*49 - 130*	*10/30/12 16:46*	*11/10/12 18:22*	*1*
Terphenyl-d14	*75*		*60 - 130*	*10/30/12 16:46*	*11/10/12 18:22*	*1*
2,4,6-Tribromophenol	*65*		*58 - 130*	*10/30/12 16:46*	*11/10/12 18:22*	*1*

Lab Sample ID: LCS 680-254709/21-A
Matrix: Solid
Analysis Batch: 255970

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 254709

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	3.30	2.54		mg/Kg		77	58 - 130
Acenaphthylene	3.30	2.59		mg/Kg		78	58 - 130
Acetophenone	3.30	2.11		mg/Kg		64	42 - 130
Anthracene	3.30	2.62		mg/Kg		79	60 - 130
Atrazine	3.30	3.75		mg/Kg		114	54 - 141
Benzaldehyde	3.30	0.607		mg/Kg		18	10 - 130
Benzo[a]anthracene	3.30	2.97		mg/Kg		90	62 - 130
Benzo[a]pyrene	3.30	2.99		mg/Kg		91	68 - 131

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

Lab Sample ID: LCS 680-254709/21-A
Matrix: Solid
Analysis Batch: 255970

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 254709

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo[b]fluoranthene	3.30	2.76		mg/Kg		83	53 - 130
Benzo[g,h,i]perylene	3.30	2.74		mg/Kg		83	54 - 130
Benzo[k]fluoranthene	3.30	2.98		mg/Kg		90	57 - 130
1,1'-Biphenyl	3.30	2.30		mg/Kg		70	57 - 130
Bis(2-chloroethoxy)methane	3.30	2.58		mg/Kg		78	56 - 130
Bis(2-chloroethyl)ether	3.30	2.48		mg/Kg		75	42 - 130
bis (2-chloroisopropyl) ether	3.30	2.35		mg/Kg		71	44 - 130
Bis(2-ethylhexyl) phthalate	3.30	2.97		mg/Kg		90	62 - 132
4-Bromophenyl phenyl ether	3.30	2.77		mg/Kg		84	65 - 130
Butyl benzyl phthalate	3.30	3.09		mg/Kg		93	65 - 134
Carbazole	3.30	2.80		mg/Kg		85	60 - 130
4-Chloroaniline	3.30	1.60		mg/Kg		49	36 - 130
4-Chloro-3-methylphenol	3.30	2.49		mg/Kg		75	52 - 130
2-Chloronaphthalene	3.30	2.37		mg/Kg		72	55 - 130
2-Chlorophenol	3.30	2.21		mg/Kg		67	51 - 130
4-Chlorophenyl phenyl ether	3.30	2.50		mg/Kg		76	61 - 130
Chrysene	3.30	2.87		mg/Kg		87	62 - 130
Dibenz(a,h)anthracene	3.30	2.80		mg/Kg		85	56 - 130
Dibenzofuran	3.30	2.41		mg/Kg		73	56 - 130
3,3'-Dichlorobenzidine	3.30	1.96		mg/Kg		59	45 - 130
2,4-Dichlorophenol	3.30	2.37		mg/Kg		72	53 - 130
Diethyl phthalate	3.30	2.72		mg/Kg		82	62 - 130
2,4-Dimethylphenol	3.30	2.53		mg/Kg		77	47 - 130
Dimethyl phthalate	3.30	2.65		mg/Kg		80	63 - 130
Di-n-butyl phthalate	3.30	2.99		mg/Kg		91	65 - 130
4,6-Dinitro-2-methylphenol	3.30	2.86		mg/Kg		87	14 - 137
2,4-Dinitrophenol	3.30	2.79		mg/Kg		85	10 - 154
2,4-Dinitrotoluene	3.30	2.58		mg/Kg		78	55 - 130
2,6-Dinitrotoluene	3.30	2.52		mg/Kg		76	57 - 130
Di-n-octyl phthalate	3.30	3.20		mg/Kg		97	59 - 146
Fluoranthene	3.30	2.87		mg/Kg		87	62 - 130
Fluorene	3.30	2.55		mg/Kg		77	58 - 130
Hexachlorobenzene	3.30	2.51		mg/Kg		76	59 - 130
Hexachlorobutadiene	3.30	2.34		mg/Kg		71	47 - 130
Hexachlorocyclopentadiene	3.30	2.32		mg/Kg		70	35 - 130
Hexachloroethane	3.30	1.95		mg/Kg		59	44 - 130
Indeno[1,2,3-cd]pyrene	3.30	2.79		mg/Kg		84	52 - 130
Isophorone	3.30	2.35		mg/Kg		71	48 - 130
2-Methylnaphthalene	3.30	2.42		mg/Kg		73	55 - 130
2-Methylphenol	3.30	2.25		mg/Kg		68	49 - 130
3 & 4 Methylphenol	3.30	2.38		mg/Kg		72	50 - 130
Naphthalene	3.30	2.38		mg/Kg		72	54 - 130
2-Nitroaniline	3.30	2.50		mg/Kg		76	52 - 130
3-Nitroaniline	3.30	2.03		mg/Kg		61	42 - 130
4-Nitroaniline	3.30	2.56		mg/Kg		77	49 - 130
Nitrobenzene	3.30	2.23		mg/Kg		68	43 - 130
2-Nitrophenol	3.30	2.36		mg/Kg		72	45 - 130
4-Nitrophenol	3.30	2.48		mg/Kg		75	30 - 130

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

Lab Sample ID: LCS 680-254709/21-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 255970 — **Prep Batch: 254709**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
N-Nitrosodi-n-propylamine	3.30	2.37		mg/Kg		72	48 - 130
N-Nitrosodiphenylamine	3.30	2.78		mg/Kg		84	62 - 130
Pentachlorophenol	3.30	2.78		mg/Kg		84	38 - 131
Phenanthrene	3.30	2.73		mg/Kg		83	61 - 130
Phenol	3.30	2.20		mg/Kg		67	46 - 130
Pyrene	3.30	2.78		mg/Kg		84	59 - 130
2,4,5-Trichlorophenol	3.30	2.50		mg/Kg		76	60 - 130
2,4,6-Trichlorophenol	3.30	2.44		mg/Kg		74	53 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*71*		*58 - 130*
2-Fluorophenol	*67*		*40 - 130*
Nitrobenzene-d5	*66*		*46 - 130*
Phenol-d5	*69*		*49 - 130*
Terphenyl-d14	*78*		*60 - 130*
2,4,6-Tribromophenol	*75*		*58 - 130*

Lab Sample ID: LCS 680-254709/24-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 255970 — **Prep Batch: 254709**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4,5-Tetrachlorobenzene	3.31	1.83		mg/Kg		55	10 - 130
2,3,4,6-Tetrachlorophenol	3.31	2.37		mg/Kg		71	10 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*61*		*58 - 130*
2-Fluorophenol	*58*		*40 - 130*
Nitrobenzene-d5	*58*		*46 - 130*
Phenol-d5	*61*		*49 - 130*
Terphenyl-d14	*76*		*60 - 130*
2,4,6-Tribromophenol	*69*		*58 - 130*

Lab Sample ID: 680-84192-15 MS — **Client Sample ID: TMW-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 255970 — **Prep Batch: 254709**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4,5-Tetrachlorobenzene	ND		3.53	2.28		mg/Kg	☼	65	10 - 130
2,3,4,6-Tetrachlorophenol	ND		3.53	2.68		mg/Kg	☼	76	10 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*70*		*58 - 130*
2-Fluorophenol	*72*		*40 - 130*
Nitrobenzene-d5	*66*		*46 - 130*
Phenol-d5	*73*		*49 - 130*
Terphenyl-d14	*78*		*60 - 130*

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

Lab Sample ID: 680-84192-15 MS
Matrix: Solid
Analysis Batch: 255970

Client Sample ID: TMW-1
Prep Type: Total/NA
Prep Batch: 254709

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*74*		*58 - 130*

Lab Sample ID: 680-84192-15 MS
Matrix: Solid
Analysis Batch: 255970

Client Sample ID: TMW-1
Prep Type: Total/NA
Prep Batch: 254709

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	ND		3.56	2.68		mg/Kg	☼	75	58 - 130
Acenaphthylene	ND		3.56	2.79		mg/Kg	☼	78	58 - 130
Acetophenone	ND		3.56	2.37		mg/Kg	☼	67	42 - 130
Anthracene	ND		3.56	2.76		mg/Kg	☼	78	60 - 130
Atrazine	ND		3.56	3.72		mg/Kg	☼	104	54 - 141
Benzaldehyde	ND		3.56	0.910		mg/Kg	☼	26	10 - 130
Benzo[a]anthracene	ND		3.56	2.83		mg/Kg	☼	79	62 - 130
Benzo[a]pyrene	ND		3.56	3.06		mg/Kg	☼	86	68 - 131
Benzo[b]fluoranthene	ND		3.56	3.07		mg/Kg	☼	86	53 - 130
Benzo[g,h,i]perylene	ND		3.56	2.74		mg/Kg	☼	77	54 - 130
Benzo[k]fluoranthene	ND		3.56	2.76		mg/Kg	☼	77	57 - 130
1,1'-Biphenyl	ND		3.56	2.58		mg/Kg	☼	72	57 - 130
Bis(2-chloroethoxy)methane	ND		3.56	2.98		mg/Kg	☼	83	56 - 130
Bis(2-chloroethyl)ether	ND		3.56	2.88		mg/Kg	☼	81	42 - 130
bis (2-chloroisopropyl) ether	ND		3.56	2.74		mg/Kg	☼	77	44 - 130
Bis(2-ethylhexyl) phthalate	ND		3.56	3.10		mg/Kg	☼	87	62 - 132
4-Bromophenyl phenyl ether	ND		3.56	2.85		mg/Kg	☼	80	65 - 130
Butyl benzyl phthalate	ND		3.56	3.24		mg/Kg	☼	91	65 - 134
Carbazole	ND		3.56	2.81		mg/Kg	☼	79	60 - 130
4-Chloroaniline	ND		3.56	2.27		mg/Kg	☼	64	36 - 130
4-Chloro-3-methylphenol	ND		3.56	2.73		mg/Kg	☼	77	52 - 130
2-Chloronaphthalene	ND		3.56	2.59		mg/Kg	☼	73	55 - 130
2-Chlorophenol	ND		3.56	2.59		mg/Kg	☼	73	51 - 130
4-Chlorophenyl phenyl ether	ND		3.56	2.71		mg/Kg	☼	76	61 - 130
Chrysene	ND		3.56	2.86		mg/Kg	☼	80	62 - 130
Dibenz(a,h)anthracene	ND		3.56	2.79		mg/Kg	☼	78	56 - 130
Dibenzofuran	ND		3.56	2.59		mg/Kg	☼	73	56 - 130
3,3'-Dichlorobenzidine	ND		3.56	2.28		mg/Kg	☼	64	45 - 130
2,4-Dichlorophenol	ND		3.56	2.67		mg/Kg	☼	75	53 - 130
Diethyl phthalate	ND		3.56	2.82		mg/Kg	☼	79	62 - 130
2,4-Dimethylphenol	ND		3.56	2.83		mg/Kg	☼	79	47 - 130
Dimethyl phthalate	ND		3.56	2.74		mg/Kg	☼	77	63 - 130
Di-n-butyl phthalate	ND		3.56	3.00		mg/Kg	☼	84	65 - 130
4,6-Dinitro-2-methylphenol	ND		3.56	2.75		mg/Kg	☼	77	14 - 137
2,4-Dinitrophenol	ND		3.56	2.56		mg/Kg	☼	72	10 - 154
2,4-Dinitrotoluene	ND		3.56	2.68		mg/Kg	☼	75	55 - 130
2,6-Dinitrotoluene	ND		3.56	2.64		mg/Kg	☼	74	57 - 130
Di-n-octyl phthalate	ND		3.56	3.34		mg/Kg	☼	94	59 - 146
Fluoranthene	ND		3.56	2.86		mg/Kg	☼	80	62 - 130
Fluorene	ND		3.56	2.71		mg/Kg	☼	76	58 - 130
Hexachlorobenzene	ND		3.56	2.70		mg/Kg	☼	76	59 - 130

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

Lab Sample ID: 680-84192-15 MS — **Client Sample ID: TMW-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 255970 — **Prep Batch: 254709**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachlorobutadiene	ND		3.56	2.59		mg/Kg	☼	73	47 - 130
Hexachlorocyclopentadiene	ND		3.56	2.20		mg/Kg	☼	62	35 - 130
Hexachloroethane	ND		3.56	2.18		mg/Kg	☼	61	44 - 130
Indeno[1,2,3-cd]pyrene	ND		3.56	2.77		mg/Kg	☼	78	52 - 130
Isophorone	ND		3.56	2.55		mg/Kg	☼	72	48 - 130
2-Methylnaphthalene	ND		3.56	2.77		mg/Kg	☼	78	55 - 130
2-Methylphenol	ND		3.56	2.64		mg/Kg	☼	74	49 - 130
3 & 4 Methylphenol	ND		3.56	2.71		mg/Kg	☼	76	50 - 130
Naphthalene	ND		3.56	2.65		mg/Kg	☼	74	54 - 130
2-Nitroaniline	ND		3.56	2.67		mg/Kg	☼	75	52 - 130
3-Nitroaniline	ND		3.56	2.47		mg/Kg	☼	69	42 - 130
4-Nitroaniline	ND		3.56	2.72		mg/Kg	☼	76	49 - 130
Nitrobenzene	ND		3.56	2.50		mg/Kg	☼	70	43 - 130
2-Nitrophenol	ND		3.56	2.62		mg/Kg	☼	73	45 - 130
4-Nitrophenol	ND		3.56	2.47		mg/Kg	☼	69	30 - 130
N-Nitrosodi-n-propylamine	ND		3.56	2.66		mg/Kg	☼	75	48 - 130
N-Nitrosodiphenylamine	ND		3.56	2.90		mg/Kg	☼	81	62 - 130
Pentachlorophenol	ND		3.56	2.75		mg/Kg	☼	77	38 - 131
Phenanthrene	ND		3.56	2.84		mg/Kg	☼	80	61 - 130
Phenol	ND		3.56	2.51		mg/Kg	☼	70	46 - 130
Pyrene	ND		3.56	2.92		mg/Kg	☼	82	59 - 130
2,4,5-Trichlorophenol	ND		3.56	2.60		mg/Kg	☼	73	60 - 130
2,4,6-Trichlorophenol	ND		3.56	2.67		mg/Kg	☼	75	53 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*70*		*58 - 130*
2-Fluorophenol	*71*		*40 - 130*
Nitrobenzene-d5	*70*		*46 - 130*
Phenol-d5	*72*		*49 - 130*
Terphenyl-d14	*76*		*60 - 130*
2,4,6-Tribromophenol	*72*		*58 - 130*

Lab Sample ID: 680-84192-15 MSD — **Client Sample ID: TMW-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 255970 — **Prep Batch: 254709**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4,5-Tetrachlorobenzene	ND		3.57	2.41		mg/Kg	☼	68	10 - 130	6	50
2,3,4,6-Tetrachlorophenol	ND		3.57	2.73		mg/Kg	☼	76	10 - 130	2	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*73*		*58 - 130*
2-Fluorophenol	*69*		*40 - 130*
Nitrobenzene-d5	*68*		*46 - 130*
Phenol-d5	*74*		*49 - 130*
Terphenyl-d14	*82*		*60 - 130*
2,4,6-Tribromophenol	*75*		*58 - 130*

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

Lab Sample ID: 680-84192-15 MSD
Matrix: Solid
Analysis Batch: 255970

Client Sample ID: TMW-1
Prep Type: Total/NA
Prep Batch: 254709

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	ND		3.55	2.88		mg/Kg	☼	81	58 - 130	7	50
Acenaphthylene	ND		3.55	2.91		mg/Kg	☼	82	58 - 130	4	50
Acetophenone	ND		3.55	2.23		mg/Kg	☼	63	42 - 130	6	50
Anthracene	ND		3.55	2.85		mg/Kg	☼	80	60 - 130	3	50
Atrazine	ND		3.55	4.10		mg/Kg	☼	115	54 - 141	10	50
Benzaldehyde	ND		3.55	0.901		mg/Kg	☼	25	10 - 130	1	50
Benzo[a]anthracene	ND		3.55	2.96		mg/Kg	☼	83	62 - 130	4	50
Benzo[a]pyrene	ND		3.55	3.15		mg/Kg	☼	89	68 - 131	3	50
Benzo[b]fluoranthene	ND		3.55	3.09		mg/Kg	☼	87	53 - 130	1	50
Benzo[g,h,i]perylene	ND		3.55	2.75		mg/Kg	☼	78	54 - 130	1	50
Benzo[k]fluoranthene	ND		3.55	2.96		mg/Kg	☼	83	57 - 130	7	50
1,1'-Biphenyl	ND		3.55	2.57		mg/Kg	☼	72	57 - 130	0	50
Bis(2-chloroethoxy)methane	ND		3.55	2.91		mg/Kg	☼	82	56 - 130	2	50
Bis(2-chloroethyl)ether	ND		3.55	2.86		mg/Kg	☼	80	42 - 130	1	50
bis (2-chloroisopropyl) ether	ND		3.55	2.58		mg/Kg	☼	73	44 - 130	6	50
Bis(2-ethylhexyl) phthalate	ND		3.55	3.15		mg/Kg	☼	89	62 - 132	2	50
4-Bromophenyl phenyl ether	ND		3.55	2.98		mg/Kg	☼	84	65 - 130	4	50
Butyl benzyl phthalate	ND		3.55	3.36		mg/Kg	☼	95	65 - 134	4	50
Carbazole	ND		3.55	3.05		mg/Kg	☼	86	60 - 130	8	50
4-Chloroaniline	ND		3.55	2.34		mg/Kg	☼	66	36 - 130	3	50
4-Chloro-3-methylphenol	ND		3.55	2.80		mg/Kg	☼	79	52 - 130	2	50
2-Chloronaphthalene	ND		3.55	2.68		mg/Kg	☼	75	55 - 130	3	50
2-Chlorophenol	ND		3.55	2.47		mg/Kg	☼	70	51 - 130	4	50
4-Chlorophenyl phenyl ether	ND		3.55	2.83		mg/Kg	☼	80	61 - 130	4	50
Chrysene	ND		3.55	3.06		mg/Kg	☼	86	62 - 130	7	50
Dibenz(a,h)anthracene	ND		3.55	2.86		mg/Kg	☼	80	56 - 130	3	50
Dibenzofuran	ND		3.55	2.75		mg/Kg	☼	77	56 - 130	6	50
3,3'-Dichlorobenzidine	ND		3.55	2.55		mg/Kg	☼	72	45 - 130	11	50
2,4-Dichlorophenol	ND		3.55	2.66		mg/Kg	☼	75	53 - 130	1	50
Diethyl phthalate	ND		3.55	3.05		mg/Kg	☼	86	62 - 130	8	50
2,4-Dimethylphenol	ND		3.55	2.77		mg/Kg	☼	78	47 - 130	2	50
Dimethyl phthalate	ND		3.55	2.99		mg/Kg	☼	84	63 - 130	9	50
Di-n-butyl phthalate	ND		3.55	3.13		mg/Kg	☼	88	65 - 130	4	50
4,6-Dinitro-2-methylphenol	ND		3.55	2.66		mg/Kg	☼	75	14 - 137	3	50
2,4-Dinitrophenol	ND		3.55	2.53		mg/Kg	☼	71	10 - 154	1	50
2,4-Dinitrotoluene	ND		3.55	2.82		mg/Kg	☼	79	55 - 130	5	50
2,6-Dinitrotoluene	ND		3.55	2.79		mg/Kg	☼	78	57 - 130	5	50
Di-n-octyl phthalate	ND		3.55	3.36		mg/Kg	☼	94	59 - 146	1	50
Fluoranthene	ND		3.55	3.03		mg/Kg	☼	85	62 - 130	6	50
Fluorene	ND		3.55	2.94		mg/Kg	☼	83	58 - 130	8	50
Hexachlorobenzene	ND		3.55	2.73		mg/Kg	☼	77	59 - 130	1	50
Hexachlorobutadiene	ND		3.55	2.37		mg/Kg	☼	67	47 - 130	9	50
Hexachlorocyclopentadiene	ND		3.55	1.91		mg/Kg	☼	54	35 - 130	14	50
Hexachloroethane	ND		3.55	1.94		mg/Kg	☼	54	44 - 130	12	50
Indeno[1,2,3-cd]pyrene	ND		3.55	2.74		mg/Kg	☼	77	52 - 130	1	50
Isophorone	ND		3.55	2.56		mg/Kg	☼	72	48 - 130	0	50
2-Methylnaphthalene	ND		3.55	2.64		mg/Kg	☼	74	55 - 130	5	50
2-Methylphenol	ND		3.55	2.58		mg/Kg	☼	73	49 - 130	2	50

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

Lab Sample ID: 680-84192-15 MSD — **Client Sample ID: TMW-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 255970 — **Prep Batch: 254709**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
3 & 4 Methylphenol	ND		3.55	2.72		mg/Kg	☼	77	50 - 130	0	50
Naphthalene	ND		3.55	2.54		mg/Kg	☼	71	54 - 130	4	50
2-Nitroaniline	ND		3.55	2.91		mg/Kg	☼	82	52 - 130	9	50
3-Nitroaniline	ND		3.55	2.67		mg/Kg	☼	75	42 - 130	8	50
4-Nitroaniline	ND		3.55	2.80		mg/Kg	☼	79	49 - 130	3	50
Nitrobenzene	ND		3.55	2.39		mg/Kg	☼	67	43 - 130	5	50
2-Nitrophenol	ND		3.55	2.43		mg/Kg	☼	68	45 - 130	8	50
4-Nitrophenol	ND		3.55	2.66		mg/Kg	☼	75	30 - 130	7	50
N-Nitrosodi-n-propylamine	ND		3.55	2.60		mg/Kg	☼	73	48 - 130	2	50
N-Nitrosodiphenylamine	ND		3.55	3.11		mg/Kg	☼	88	62 - 130	7	50
Pentachlorophenol	ND		3.55	3.10		mg/Kg	☼	87	38 - 131	12	50
Phenanthrene	ND		3.55	2.99		mg/Kg	☼	84	61 - 130	5	50
Phenol	ND		3.55	2.43		mg/Kg	☼	68	46 - 130	3	50
Pyrene	ND		3.55	3.04		mg/Kg	☼	86	59 - 130	4	50
2,4,5-Trichlorophenol	ND		3.55	2.86		mg/Kg	☼	81	60 - 130	9	50
2,4,6-Trichlorophenol	ND		3.55	2.81		mg/Kg	☼	79	53 - 130	5	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*71*		*58 - 130*
2-Fluorophenol	*67*		*40 - 130*
Nitrobenzene-d5	*66*		*46 - 130*
Phenol-d5	*70*		*49 - 130*
Terphenyl-d14	*78*		*60 - 130*
2,4,6-Tribromophenol	*79*		*58 - 130*

Lab Sample ID: MB 680-255049/7-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255634 — **Prep Batch: 255049**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		10	0.76	ug/L		11/02/12 15:31	11/08/12 02:00	1
Acenaphthylene	ND		10	0.85	ug/L		11/02/12 15:31	11/08/12 02:00	1
Acetophenone	ND		10	0.57	ug/L		11/02/12 15:31	11/08/12 02:00	1
Anthracene	ND		10	0.69	ug/L		11/02/12 15:31	11/08/12 02:00	1
Atrazine	ND		10	1.2	ug/L		11/02/12 15:31	11/08/12 02:00	1
Benzaldehyde	ND		10	1.1	ug/L		11/02/12 15:31	11/08/12 02:00	1
Benzo[a]anthracene	ND		10	0.55	ug/L		11/02/12 15:31	11/08/12 02:00	1
Benzo[a]pyrene	ND		10	0.71	ug/L		11/02/12 15:31	11/08/12 02:00	1
Benzo[b]fluoranthene	ND		10	2.6	ug/L		11/02/12 15:31	11/08/12 02:00	1
Benzo[g,h,i]perylene	ND		10	0.87	ug/L		11/02/12 15:31	11/08/12 02:00	1
Benzo[k]fluoranthene	ND		10	1.2	ug/L		11/02/12 15:31	11/08/12 02:00	1
1,1'-Biphenyl	ND		10	0.58	ug/L		11/02/12 15:31	11/08/12 02:00	1
Bis(2-chloroethoxy)methane	ND		10	0.94	ug/L		11/02/12 15:31	11/08/12 02:00	1
Bis(2-chloroethyl)ether	ND		10	1.1	ug/L		11/02/12 15:31	11/08/12 02:00	1
2,2'-oxybis[1-chloropropane]	ND		10	0.78	ug/L		11/02/12 15:31	11/08/12 02:00	1
Bis(2-ethylhexyl) phthalate	ND		10	1.6	ug/L		11/02/12 15:31	11/08/12 02:00	1
4-Bromophenyl phenyl ether	ND		10	0.77	ug/L		11/02/12 15:31	11/08/12 02:00	1
Butyl benzyl phthalate	ND		10	1.2	ug/L		11/02/12 15:31	11/08/12 02:00	1

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

Lab Sample ID: MB 680-255049/7-A
Matrix: Water
Analysis Batch: 255634

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255049

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		10	0.79	ug/L		11/02/12 15:31	11/08/12 02:00	1
Carbazole	ND		10	0.71	ug/L		11/02/12 15:31	11/08/12 02:00	1
4-Chloroaniline	ND		20	2.2	ug/L		11/02/12 15:31	11/08/12 02:00	1
4-Chloro-3-methylphenol	ND		10	1.0	ug/L		11/02/12 15:31	11/08/12 02:00	1
2-Chloronaphthalene	ND		10	0.80	ug/L		11/02/12 15:31	11/08/12 02:00	1
2-Chlorophenol	ND		10	0.87	ug/L		11/02/12 15:31	11/08/12 02:00	1
4-Chlorophenyl phenyl ether	ND		10	0.84	ug/L		11/02/12 15:31	11/08/12 02:00	1
Chrysene	ND		10	0.51	ug/L		11/02/12 15:31	11/08/12 02:00	1
Dibenz(a,h)anthracene	ND		10	1.0	ug/L		11/02/12 15:31	11/08/12 02:00	1
Dibenzofuran	ND		10	0.79	ug/L		11/02/12 15:31	11/08/12 02:00	1
3,3'-Dichlorobenzidine	ND		60	30	ug/L		11/02/12 15:31	11/08/12 02:00	1
2,4-Dichlorophenol	ND		10	1.1	ug/L		11/02/12 15:31	11/08/12 02:00	1
Diethyl phthalate	ND		10	0.88	ug/L		11/02/12 15:31	11/08/12 02:00	1
2,4-Dimethylphenol	ND		10	4.0	ug/L		11/02/12 15:31	11/08/12 02:00	1
Dimethyl phthalate	ND		10	0.99	ug/L		11/02/12 15:31	11/08/12 02:00	1
Di-n-butyl phthalate	ND		10	0.83	ug/L		11/02/12 15:31	11/08/12 02:00	1
4,6-Dinitro-2-methylphenol	ND		50	10	ug/L		11/02/12 15:31	11/08/12 02:00	1
2,4-Dinitrophenol	ND		50	10	ug/L		11/02/12 15:31	11/08/12 02:00	1
2,4-Dinitrotoluene	ND		10	1.2	ug/L		11/02/12 15:31	11/08/12 02:00	1
2,6-Dinitrotoluene	ND		10	1.1	ug/L		11/02/12 15:31	11/08/12 02:00	1
Di-n-octyl phthalate	ND		10	1.4	ug/L		11/02/12 15:31	11/08/12 02:00	1
Fluoranthene	ND		10	0.74	ug/L		11/02/12 15:31	11/08/12 02:00	1
Fluorene	ND		10	0.96	ug/L		11/02/12 15:31	11/08/12 02:00	1
Hexachlorobenzene	ND		10	0.79	ug/L		11/02/12 15:31	11/08/12 02:00	1
Hexachlorobutadiene	ND		10	0.62	ug/L		11/02/12 15:31	11/08/12 02:00	1
Hexachlorocyclopentadiene	ND		10	2.5	ug/L		11/02/12 15:31	11/08/12 02:00	1
Hexachloroethane	ND		10	0.76	ug/L		11/02/12 15:31	11/08/12 02:00	1
Indeno[1,2,3-cd]pyrene	ND		10	1.0	ug/L		11/02/12 15:31	11/08/12 02:00	1
Isophorone	ND		10	0.90	ug/L		11/02/12 15:31	11/08/12 02:00	1
2-Methylnaphthalene	ND		10	0.78	ug/L		11/02/12 15:31	11/08/12 02:00	1
2-Methylphenol	ND		10	0.89	ug/L		11/02/12 15:31	11/08/12 02:00	1
3 & 4 Methylphenol	ND		10	1.3	ug/L		11/02/12 15:31	11/08/12 02:00	1
Naphthalene	ND		10	0.70	ug/L		11/02/12 15:31	11/08/12 02:00	1
2-Nitroaniline	ND		50	1.3	ug/L		11/02/12 15:31	11/08/12 02:00	1
3-Nitroaniline	ND		50	5.0	ug/L		11/02/12 15:31	11/08/12 02:00	1
4-Nitroaniline	ND		50	5.0	ug/L		11/02/12 15:31	11/08/12 02:00	1
Nitrobenzene	ND		10	0.73	ug/L		11/02/12 15:31	11/08/12 02:00	1
2-Nitrophenol	ND		10	0.76	ug/L		11/02/12 15:31	11/08/12 02:00	1
4-Nitrophenol	ND		50	1.9	ug/L		11/02/12 15:31	11/08/12 02:00	1
N-Nitrosodi-n-propylamine	ND		10	0.72	ug/L		11/02/12 15:31	11/08/12 02:00	1
N-Nitrosodiphenylamine	ND		10	0.92	ug/L		11/02/12 15:31	11/08/12 02:00	1
Pentachlorophenol	ND		50	2.0	ug/L		11/02/12 15:31	11/08/12 02:00	1
Phenanthrene	ND		10	0.77	ug/L		11/02/12 15:31	11/08/12 02:00	1
Phenol	ND		10	0.83	ug/L		11/02/12 15:31	11/08/12 02:00	1
Pyrene	ND		10	0.63	ug/L		11/02/12 15:31	11/08/12 02:00	1
1,2,4,5-Tetrachlorobenzene	ND		10	0.76	ug/L		11/02/12 15:31	11/08/12 02:00	1
2,3,4,6-Tetrachlorophenol	ND		10	0.72	ug/L		11/02/12 15:31	11/08/12 02:00	1
2,4,5-Trichlorophenol	ND		10	1.2	ug/L		11/02/12 15:31	11/08/12 02:00	1

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

Lab Sample ID: MB 680-255049/7-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255634 — **Prep Batch: 255049**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		10	0.85	ug/L		11/02/12 15:31	11/08/12 02:00	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown Aldol Condensate	*28.3*	*T J A*	*ug/L*		*4.20*		*11/02/12 15:31*	*11/08/12 02:00*	*1*
Unknown	*26.1*	*T J*	*ug/L*		*14.16*		*11/02/12 15:31*	*11/08/12 02:00*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*83*		*38 - 130*	*11/02/12 15:31*	*11/08/12 02:00*	*1*
2-Fluorophenol	*70*		*25 - 130*	*11/02/12 15:31*	*11/08/12 02:00*	*1*
Nitrobenzene-d5	*81*		*39 - 130*	*11/02/12 15:31*	*11/08/12 02:00*	*1*
Phenol-d5	*74*		*25 - 130*	*11/02/12 15:31*	*11/08/12 02:00*	*1*
Terphenyl-d14	*95*		*10 - 143*	*11/02/12 15:31*	*11/08/12 02:00*	*1*
2,4,6-Tribromophenol	*82*		*31 - 141*	*11/02/12 15:31*	*11/08/12 02:00*	*1*

Lab Sample ID: LCS 680-255049/11-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255634 — **Prep Batch: 255049**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4,5-Tetrachlorobenzene	100	79.9		ug/L		80	51 - 130
2,3,4,6-Tetrachlorophenol	100	89.3		ug/L		89	64 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*81*		*38 - 130*
2-Fluorophenol	*73*		*25 - 130*
Nitrobenzene-d5	*78*		*39 - 130*
Phenol-d5	*73*		*25 - 130*
Terphenyl-d14	*52*		*10 - 143*
2,4,6-Tribromophenol	*88*		*31 - 141*

Lab Sample ID: LCS 680-255049/8-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255634 — **Prep Batch: 255049**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	100	85.9		ug/L		86	55 - 130
Acenaphthylene	100	85.6		ug/L		86	60 - 130
Acetophenone	100	75.1		ug/L		75	54 - 130
Anthracene	100	84.3		ug/L		84	61 - 130
Atrazine	100	122		ug/L		122	66 - 130
Benzaldehyde	100	94.1		ug/L		94	59 - 142
Benzo[a]anthracene	100	85.2		ug/L		85	58 - 130
Benzo[a]pyrene	100	93.7		ug/L		94	61 - 130
Benzo[b]fluoranthene	100	92.1		ug/L		92	51 - 130
Benzo[g,h,i]perylene	100	86.7		ug/L		87	54 - 130
Benzo[k]fluoranthene	100	86.8		ug/L		87	53 - 130
1,1'-Biphenyl	100	77.1		ug/L		77	54 - 130

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

Lab Sample ID: LCS 680-255049/8-A
Matrix: Water
Analysis Batch: 255634

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255049

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-chloroethoxy)methane	100	85.3		ug/L		85	64 - 130
Bis(2-chloroethyl)ether	100	79.3		ug/L		79	56 - 130
2,2'-oxybis[1-chloropropane]	100	80.3		ug/L		80	55 - 130
Bis(2-ethylhexyl) phthalate	100	88.5		ug/L		89	62 - 130
4-Bromophenyl phenyl ether	100	89.4		ug/L		89	61 - 130
Butyl benzyl phthalate	100	93.0		ug/L		93	66 - 130
Carbazole	100	89.5		ug/L		89	67 - 130
4-Chloroaniline	100	45.2		ug/L		45	42 - 130
4-Chloro-3-methylphenol	100	78.4		ug/L		78	60 - 130
2-Chloronaphthalene	100	78.5		ug/L		78	53 - 130
2-Chlorophenol	100	75.7		ug/L		76	57 - 130
4-Chlorophenyl phenyl ether	100	84.4		ug/L		84	57 - 130
Chrysene	100	85.8		ug/L		86	59 - 130
Dibenz(a,h)anthracene	100	87.7		ug/L		88	55 - 130
Dibenzofuran	100	82.3		ug/L		82	58 - 130
3,3'-Dichlorobenzidine	100	45.1	J	ug/L		45	27 - 130
2,4-Dichlorophenol	100	77.9		ug/L		78	54 - 130
Diethyl phthalate	100	86.5		ug/L		87	70 - 130
2,4-Dimethylphenol	100	64.8		ug/L		65	40 - 130
Dimethyl phthalate	100	86.9		ug/L		87	69 - 130
Di-n-butyl phthalate	100	89.0		ug/L		89	66 - 130
4,6-Dinitro-2-methylphenol	100	94.2		ug/L		94	45 - 134
2,4-Dinitrophenol	100	102		ug/L		102	20 - 165
2,4-Dinitrotoluene	100	85.3		ug/L		85	63 - 130
2,6-Dinitrotoluene	100	85.2		ug/L		85	65 - 130
Di-n-octyl phthalate	100	93.0		ug/L		93	64 - 130
Fluoranthene	100	85.5		ug/L		85	56 - 130
Fluorene	100	86.3		ug/L		86	61 - 130
Hexachlorobenzene	100	83.7		ug/L		84	52 - 130
Hexachlorobutadiene	100	73.7		ug/L		74	36 - 130
Hexachlorocyclopentadiene	100	54.5		ug/L		55	10 - 130
Hexachloroethane	100	66.6		ug/L		67	39 - 130
Indeno[1,2,3-cd]pyrene	100	84.4		ug/L		84	47 - 130
Isophorone	100	78.7		ug/L		79	59 - 130
2-Methylnaphthalene	100	77.2		ug/L		77	52 - 130
2-Methylphenol	100	75.8		ug/L		76	55 - 130
3 & 4 Methylphenol	100	78.6		ug/L		79	35 - 130
Naphthalene	100	76.4		ug/L		76	50 - 130
2-Nitroaniline	100	86.9		ug/L		87	60 - 130
3-Nitroaniline	100	68.7		ug/L		69	54 - 130
4-Nitroaniline	100	82.1		ug/L		82	54 - 130
Nitrobenzene	100	76.0		ug/L		76	56 - 130
2-Nitrophenol	100	80.0		ug/L		80	54 - 130
4-Nitrophenol	100	79.9		ug/L		80	38 - 130
N-Nitrosodi-n-propylamine	100	83.2		ug/L		83	64 - 130
N-Nitrosodiphenylamine	100	90.2		ug/L		90	68 - 130
Pentachlorophenol	100	84.1		ug/L		84	42 - 138
Phenanthrene	100	88.0		ug/L		88	62 - 130

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

Lab Sample ID: LCS 680-255049/8-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255634 — **Prep Batch: 255049**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	100	71.0		ug/L		71	29 - 130
Pyrene	100	86.9		ug/L		87	60 - 130
2,4,5-Trichlorophenol	100	84.2		ug/L		84	61 - 130
2,4,6-Trichlorophenol	100	83.2		ug/L		83	57 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*79*		*38 - 130*
2-Fluorophenol	*72*		*25 - 130*
Nitrobenzene-d5	*75*		*39 - 130*
Phenol-d5	*75*		*25 - 130*
Terphenyl-d14	*83*		*10 - 143*
2,4,6-Tribromophenol	*85*		*31 - 141*

Lab Sample ID: LCSD 680-255049/12-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255634 — **Prep Batch: 255049**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4,5-Tetrachlorobenzene	100	86.3		ug/L		86	51 - 130	8	50
2,3,4,6-Tetrachlorophenol	100	93.8		ug/L		94	64 - 130	5	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*85*		*38 - 130*
2-Fluorophenol	*78*		*25 - 130*
Nitrobenzene-d5	*82*		*39 - 130*
Phenol-d5	*78*		*25 - 130*
Terphenyl-d14	*89*		*10 - 143*
2,4,6-Tribromophenol	*91*		*31 - 141*

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 680-254478/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 254723 — **Prep Batch: 254478**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0	0.99	ug/L		10/28/12 09:17	10/29/12 16:47	1
Arsenic	ND		1.0	0.40	ug/L		10/28/12 09:17	10/29/12 16:47	1
Beryllium	ND		0.20	0.070	ug/L		10/28/12 09:17	10/29/12 16:47	1
Cadmium	ND		0.50	0.20	ug/L		10/28/12 09:17	10/29/12 16:47	1
Chromium	ND		1.0	0.16	ug/L		10/28/12 09:17	10/29/12 16:47	1
Copper	ND		1.0	0.21	ug/L		10/28/12 09:17	10/29/12 16:47	1
Iron	ND		50	20	ug/L		10/28/12 09:17	10/29/12 16:47	1
Lead	ND		0.30	0.080	ug/L		10/28/12 09:17	10/29/12 16:47	1
Manganese	ND		2.0	0.84	ug/L		10/28/12 09:17	10/29/12 16:47	1
Nickel	ND		1.0	0.40	ug/L		10/28/12 09:17	10/29/12 16:47	1
Selenium	ND		0.50	0.21	ug/L		10/28/12 09:17	10/29/12 16:47	1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-254478/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 254723 — **Prep Batch: 254478**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.20	0.10	ug/L		10/28/12 09:17	10/29/12 16:47	1
Thallium	ND		0.20	0.10	ug/L		10/28/12 09:17	10/29/12 16:47	1
Zinc	ND		10	2.6	ug/L		10/28/12 09:17	10/29/12 16:47	1

Lab Sample ID: LCS 680-254478/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 254723 — **Prep Batch: 254478**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	51.2		ug/L		102	75 - 125
Arsenic	100	99.4		ug/L		99	75 - 125
Beryllium	50.0	52.8		ug/L		106	75 - 125
Cadmium	50.0	50.3		ug/L		101	75 - 125
Chromium	100	96.8		ug/L		97	75 - 125
Copper	100	101		ug/L		101	75 - 125
Iron	5000	4690		ug/L		94	75 - 125
Lead	50.0	48.3		ug/L		97	75 - 125
Manganese	500	488		ug/L		98	75 - 125
Nickel	100	100		ug/L		100	75 - 125
Selenium	100	103		ug/L		103	75 - 125
Silver	50.0	49.7		ug/L		99	75 - 125
Thallium	40.0	38.1		ug/L		95	75 - 125
Zinc	100	108		ug/L		108	75 - 125

Lab Sample ID: 680-84192-19 MS — **Client Sample ID: Equip Blank-1**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 254723 — **Prep Batch: 254478**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		50.0	54.1		ug/L		108	75 - 125
Arsenic	0.50	J	100	99.3		ug/L		99	75 - 125
Beryllium	ND		50.0	54.8		ug/L		110	75 - 125
Cadmium	ND		50.0	53.1		ug/L		106	75 - 125
Chromium	ND		100	97.1		ug/L		97	75 - 125
Copper	ND		100	101		ug/L		101	75 - 125
Iron	ND		5000	4870		ug/L		97	75 - 125
Lead	ND		50.0	51.0		ug/L		102	75 - 125
Manganese	ND		500	512		ug/L		102	75 - 125
Nickel	ND		100	100		ug/L		100	75 - 125
Selenium	ND		100	106		ug/L		106	75 - 125
Silver	ND		50.0	51.5		ug/L		103	75 - 125
Thallium	ND		40.0	40.3		ug/L		101	75 - 125
Zinc	ND		100	110		ug/L		110	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-84192-19 MSD — **Client Sample ID: Equip Blank-1**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 254723 — **Prep Batch: 254478**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND		50.0	53.0		ug/L		106	75 - 125	2	20
Arsenic	0.50	J	100	97.4		ug/L		97	75 - 125	2	20
Beryllium	ND		50.0	54.3		ug/L		109	75 - 125	1	20
Cadmium	ND		50.0	52.4		ug/L		105	75 - 125	1	20
Chromium	ND		100	96.2		ug/L		96	75 - 125	1	20
Copper	ND		100	99.3		ug/L		99	75 - 125	2	20
Iron	ND		5000	4840		ug/L		97	75 - 125	1	20
Lead	ND		50.0	53.0		ug/L		106	75 - 125	4	20
Manganese	ND		500	516		ug/L		103	75 - 125	1	20
Nickel	ND		100	98.5		ug/L		98	75 - 125	2	20
Selenium	ND		100	105		ug/L		105	75 - 125	1	20
Silver	ND		50.0	50.8		ug/L		102	75 - 125	1	20
Thallium	ND		40.0	41.8		ug/L		105	75 - 125	4	20
Zinc	ND		100	110		ug/L		110	75 - 125	1	20

Lab Sample ID: MB 680-254536/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 255036 — **Prep Batch: 254536**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.0	0.50	mg/Kg		10/29/12 11:14	11/01/12 14:44	1
Arsenic	0.111	J	0.25	0.10	mg/Kg		10/29/12 11:14	11/01/12 14:44	1
Beryllium	ND		0.050	0.025	mg/Kg		10/29/12 11:14	11/01/12 14:44	1
Cadmium	ND		0.050	0.012	mg/Kg		10/29/12 11:14	11/01/12 14:44	1
Chromium	ND		0.50	0.25	mg/Kg		10/29/12 11:14	11/01/12 14:44	1
Copper	ND		0.50	0.20	mg/Kg		10/29/12 11:14	11/01/12 14:44	1
Iron	ND		25	10	mg/Kg		10/29/12 11:14	11/01/12 14:44	1
Lead	ND		0.20	0.10	mg/Kg		10/29/12 11:14	11/01/12 14:44	1
Manganese	ND		1.0	0.50	mg/Kg		10/29/12 11:14	11/01/12 14:44	1
Nickel	ND		0.50	0.25	mg/Kg		10/29/12 11:14	11/01/12 14:44	1
Selenium	ND		0.50	0.25	mg/Kg		10/29/12 11:14	11/01/12 14:44	1
Silver	ND		0.10	0.050	mg/Kg		10/29/12 11:14	11/01/12 14:44	1
Thallium	ND		0.10	0.025	mg/Kg		10/29/12 11:14	11/01/12 14:44	1
Zinc	ND		2.0	0.55	mg/Kg		10/29/12 11:14	11/01/12 14:44	1

Lab Sample ID: LCS 680-254536/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 254968 — **Prep Batch: 254536**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	4.90	5.44		mg/Kg		111	75 - 125
Arsenic	9.80	10.3		mg/Kg		105	75 - 125
Beryllium	4.90	4.98		mg/Kg		101	75 - 125
Cadmium	4.90	4.97		mg/Kg		101	75 - 125
Chromium	9.80	10.6		mg/Kg		108	75 - 125
Copper	9.80	10.9		mg/Kg		111	75 - 125
Iron	490	520		mg/Kg		106	75 - 125
Lead	4.90	5.19		mg/Kg		106	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-254536/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 254968 — **Prep Batch: 254536**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Manganese	49.0	52.9		mg/Kg		108	75 - 125
Nickel	9.80	10.7		mg/Kg		109	75 - 125
Selenium	9.80	9.25		mg/Kg		94	75 - 125
Silver	4.90	5.13		mg/Kg		105	75 - 125
Thallium	3.92	4.04		mg/Kg		103	75 - 125
Zinc	9.80	9.81		mg/Kg		100	75 - 125

Lab Sample ID: 680-84192-5 MS — **Client Sample ID: SED-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 254968 — **Prep Batch: 254536**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		6.16	6.65		mg/Kg	☼	108	75 - 125
Arsenic	0.47	B	12.3	12.6		mg/Kg	☼	98	75 - 125
Beryllium	ND		6.16	6.09		mg/Kg	☼	99	75 - 125
Cadmium	ND		6.16	6.01		mg/Kg	☼	98	75 - 125
Chromium	1.7		12.3	14.1		mg/Kg	☼	100	75 - 125
Copper	0.66		12.3	13.3		mg/Kg	☼	102	75 - 125
Iron	950		616	1450		mg/Kg	☼	82	75 - 125
Lead	1.1		6.16	7.32		mg/Kg	☼	102	75 - 125
Manganese	2.7		61.6	66.6		mg/Kg	☼	104	75 - 125
Nickel	1.4		12.3	14.0		mg/Kg	☼	103	75 - 125
Selenium	ND		12.3	11.4		mg/Kg	☼	93	75 - 125
Silver	ND		6.16	6.33		mg/Kg	☼	103	75 - 125
Thallium	ND		4.93	4.96		mg/Kg	☼	101	75 - 125
Zinc	2.4		12.3	13.3		mg/Kg	☼	88	75 - 125

Lab Sample ID: 680-84192-5 MSD — **Client Sample ID: SED-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 254968 — **Prep Batch: 254536**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND		6.22	6.90		mg/Kg	☼	111	75 - 125	4	20
Arsenic	0.47	B	12.4	13.3		mg/Kg	☼	103	75 - 125	6	20
Beryllium	ND		6.22	6.29		mg/Kg	☼	101	75 - 125	3	20
Cadmium	ND		6.22	6.28		mg/Kg	☼	101	75 - 125	4	20
Chromium	1.7		12.4	15.1		mg/Kg	☼	107	75 - 125	7	20
Copper	0.66		12.4	14.0		mg/Kg	☼	107	75 - 125	5	20
Iron	950		622	1660		mg/Kg	☼	114	75 - 125	13	20
Lead	1.1		6.22	7.73		mg/Kg	☼	107	75 - 125	5	20
Manganese	2.7		62.2	69.9		mg/Kg	☼	108	75 - 125	5	20
Nickel	1.4		12.4	14.7		mg/Kg	☼	107	75 - 125	5	20
Selenium	ND		12.4	11.9		mg/Kg	☼	96	75 - 125	4	20
Silver	ND		6.22	6.51		mg/Kg	☼	105	75 - 125	3	20
Thallium	ND		4.98	5.15		mg/Kg	☼	104	75 - 125	4	20
Zinc	2.4		12.4	15.3		mg/Kg	☼	103	75 - 125	14	20

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-254815/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 255036 — **Prep Batch: 254815**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.99	0.50	mg/Kg		10/31/12 10:47	11/01/12 21:30	1
Arsenic	0.100	J	0.25	0.099	mg/Kg		10/31/12 10:47	11/01/12 21:30	1
Beryllium	ND		0.050	0.025	mg/Kg		10/31/12 10:47	11/01/12 21:30	1
Cadmium	ND		0.050	0.012	mg/Kg		10/31/12 10:47	11/01/12 21:30	1
Chromium	ND		0.50	0.25	mg/Kg		10/31/12 10:47	11/01/12 21:30	1
Lead	ND		0.20	0.099	mg/Kg		10/31/12 10:47	11/01/12 21:30	1
Manganese	ND		0.99	0.50	mg/Kg		10/31/12 10:47	11/01/12 21:30	1
Nickel	ND		0.50	0.25	mg/Kg		10/31/12 10:47	11/01/12 21:30	1
Selenium	ND		0.50	0.25	mg/Kg		10/31/12 10:47	11/01/12 21:30	1
Silver	ND		0.099	0.050	mg/Kg		10/31/12 10:47	11/01/12 21:30	1
Thallium	ND		0.099	0.025	mg/Kg		10/31/12 10:47	11/01/12 21:30	1

Lab Sample ID: MB 680-254815/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 256324 — **Prep Batch: 254815**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	0.452	J	0.50	0.20	mg/Kg		10/31/12 10:47	11/13/12 11:19	1
Iron	13.9	J	25	9.9	mg/Kg		10/31/12 10:47	11/13/12 11:19	1
Zinc	ND		2.0	0.54	mg/Kg		10/31/12 10:47	11/13/12 11:19	1

Lab Sample ID: LCS 680-254815/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 255036 — **Prep Batch: 254815**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	4.90	5.02		mg/Kg		102	75 - 125
Arsenic	9.80	9.31		mg/Kg		95	75 - 125
Beryllium	4.90	4.55		mg/Kg		93	75 - 125
Cadmium	4.90	4.48		mg/Kg		91	75 - 125
Chromium	9.80	9.36		mg/Kg		95	75 - 125
Lead	4.90	4.82		mg/Kg		98	75 - 125
Manganese	49.0	48.7		mg/Kg		99	75 - 125
Nickel	9.80	9.55		mg/Kg		97	75 - 125
Selenium	9.80	8.44		mg/Kg		86	75 - 125
Silver	4.90	4.69		mg/Kg		96	75 - 125
Thallium	3.92	3.76		mg/Kg		96	75 - 125

Lab Sample ID: LCS 680-254815/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 256324 — **Prep Batch: 254815**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	9.80	9.73		mg/Kg		99	75 - 125
Copper	9.80	9.78		mg/Kg		100	75 - 125
Iron	490	510		mg/Kg		104	75 - 125
Zinc	9.80	9.68		mg/Kg		99	75 - 125

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-254572/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255071 — **Prep Batch: 254572**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.091	ug/L		10/29/12 13:46	10/31/12 15:18	1

Lab Sample ID: LCS 680-254572/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255071 — **Prep Batch: 254572**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	2.50	2.38		ug/L		95	80 - 120

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Lab Sample ID: MB 680-254758/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 255504 — **Prep Batch: 254758**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.019	0.0077	mg/Kg		10/30/12 17:45	11/06/12 19:01	1

Lab Sample ID: LCS 680-254758/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 255504 — **Prep Batch: 254758**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.250	0.282		mg/Kg		113	80 - 120

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 680-254886/2-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 254906 — **Prep Batch: 254886**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.30	0.13	mg/Kg		10/31/12 16:21	10/31/12 21:13	1

Lab Sample ID: LCS 680-254886/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 254906 — **Prep Batch: 254886**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	5.00	5.03		mg/Kg		101	75 - 125

Lab Sample ID: 680-84192-21 DU — **Client Sample ID: DUP-3 (VP)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 254906 — **Prep Batch: 254886**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Ammonia	2.6		1.85	F	mg/Kg	☼	35	30

Method: 350.1 - Nitrogen, Ammonia (Continued)

Lab Sample ID: MB 680-254904/2 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 254904

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		50	26	ug/L			10/31/12 17:37	1

Lab Sample ID: LCS 680-254904/1 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 254904

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	1000	1040		ug/L		104	90 - 110

Lab Sample ID: MB 680-257828/2 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 257828

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		50	26	ug/L			11/27/12 18:37	1

Lab Sample ID: LCS 680-257828/1 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 257828

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	1000	952		ug/L		95	90 - 110

Method: 9056 - Anions, Ion Chromatography

Lab Sample ID: MB 680-254537/2 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 254537

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		250	75	ug/L			10/27/12 10:42	5

Lab Sample ID: LCS 680-254537/3 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 254537

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	4990	4950		ug/L		99	90 - 110

Lab Sample ID: LCSD 680-254537/4 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 254537

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	4990	4960		ug/L		99	90 - 110	0	30

Method: 9056 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 680-84192-19 MS — **Client Sample ID: Equip Blank-1**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 254537

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Nitrate as N	ND		4990	4990		ug/L		100	90 - 110		

Lab Sample ID: MB 680-255738/2 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255738

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5000	2600	ug/L			11/08/12 15:13	5

Lab Sample ID: LCS 680-255738/3 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255738

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Sulfate			50000	53000		ug/L		106	90 - 110		

Lab Sample ID: LCSD 680-255738/4 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255738

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate			50000	53000		ug/L		106	90 - 110	0	30

Lab Sample ID: MB 680-255448/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 255542

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		99	20	mg/Kg			11/07/12 10:52	5

Lab Sample ID: LCS 680-255448/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 255542

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Sulfate			986	966		mg/Kg		98	75 - 125		

Lab Sample ID: LCSD 680-255448/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 255542

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate			992	975		mg/Kg		98	75 - 125	1	30

Lab Sample ID: MB 680-255448/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 255592

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		4.9	1.5	mg/Kg			11/07/12 15:18	5

QC Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Lab Sample ID: LCS 680-255448/4-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 255592

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Nitrate as N			101	98.5		mg/Kg		98	75 - 125		

Lab Sample ID: LCSD 680-255448/5-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 255592

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N			100	98.8		mg/Kg		99	75 - 125	0	30

Lab Sample ID: 680-84192-5 MS — **Client Sample ID: SED-5**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 255677

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Nitrate as N	ND		50.2	41.1		mg/Kg	☼	82	75 - 125		

Lab Sample ID: 680-84192-5 MSD — **Client Sample ID: SED-5**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 255677

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	ND		50.1	40.8		mg/Kg	☼	81	75 - 125	1	30

Lab Sample ID: 680-84192-5 MS — **Client Sample ID: SED-5**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 255730

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Sulfate	ND		1010	1090		mg/Kg	☼	108	75 - 125		

Lab Sample ID: 680-84192-5 MSD — **Client Sample ID: SED-5**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 255730

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	ND		1000	1050		mg/Kg	☼	105	75 - 125	4	30

GC/MS VOA

Prep Batch: 254577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-5	SED-5	Total/NA	Solid	5035	
680-84192-6	SED-6	Total/NA	Solid	5035	
680-84192-7	SED-7	Total/NA	Solid	5035	
680-84192-8	SED DUP-2	Total/NA	Solid	5035	
680-84192-9	BG DUP-1	Total/NA	Solid	5035	
680-84192-10	BG-6	Total/NA	Solid	5035	
680-84192-11	BG-7	Total/NA	Solid	5035	
680-84192-12	BG-8	Total/NA	Solid	5035	
680-84192-13	VP-14	Total/NA	Solid	5035	
680-84192-15	TMW-1	Total/NA	Solid	5035	

Analysis Batch: 255271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-22	Trip Blank-1	Total/NA	Water	8260B	
680-84192-23	Trip Blank-2	Total/NA	Water	8260B	
LCS 680-255271/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-255271/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 680-255271/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 255396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-19	Equip Blank-1	Total/NA	Water	8260B	
680-84192-20	Equip Blank-2	Total/NA	Water	8260B	
680-84192-24	Trip Blank-3	Total/NA	Water	8260B	
680-84192-25	Trip Blank-4	Total/NA	Water	8260B	
LCS 680-255396/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-255396/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 680-255396/8	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 255886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-5	SED-5	Total/NA	Solid	8260B	254577
680-84192-6	SED-6	Total/NA	Solid	8260B	254577
680-84192-7	SED-7	Total/NA	Solid	8260B	254577
680-84192-8	SED DUP-2	Total/NA	Solid	8260B	254577
680-84192-9	BG DUP-1	Total/NA	Solid	8260B	254577
680-84192-10	BG-6	Total/NA	Solid	8260B	254577
680-84192-11	BG-7	Total/NA	Solid	8260B	254577
680-84192-12	BG-8	Total/NA	Solid	8260B	254577
680-84192-13	VP-14	Total/NA	Solid	8260B	254577
680-84192-15	TMW-1	Total/NA	Solid	8260B	254577
LCS 680-255886/5	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 680-255886/6	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 680-255886/8	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 255969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-16	TMW-2	Total/NA	Solid	8260B	
680-84192-17	TMW-7	Total/NA	Solid	8260B	
680-84192-18	TMW-8	Total/NA	Solid	8260B	
680-84192-21	DUP-3 (VP)	Total/NA	Solid	8260B	

GC/MS VOA (Continued)

Analysis Batch: 255969 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-255969/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 680-255969/5	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 680-255969/7	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 256457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-14	VP-21	Total/NA	Solid	8260B	
LCS 680-256457/8	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 680-256457/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 680-256457/5	Method Blank	Total/NA	Solid	8260B	

GC/MS Semi VOA

Prep Batch: 254709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-5	SED-5	Total/NA	Solid	3546	
680-84192-6	SED-6	Total/NA	Solid	3546	
680-84192-7	SED-7	Total/NA	Solid	3546	
680-84192-8	SED DUP-2	Total/NA	Solid	3546	
680-84192-9	BG DUP-1	Total/NA	Solid	3546	
680-84192-10	BG-6	Total/NA	Solid	3546	
680-84192-11	BG-7	Total/NA	Solid	3546	
680-84192-12	BG-8	Total/NA	Solid	3546	
680-84192-13	VP-14	Total/NA	Solid	3546	
680-84192-14	VP-21	Total/NA	Solid	3546	
680-84192-15	TMW-1	Total/NA	Solid	3546	
680-84192-15 MS	TMW-1	Total/NA	Solid	3546	
680-84192-15 MS	TMW-1	Total/NA	Solid	3546	
680-84192-15 MSD	TMW-1	Total/NA	Solid	3546	
680-84192-15 MSD	TMW-1	Total/NA	Solid	3546	
680-84192-16	TMW-2	Total/NA	Solid	3546	
680-84192-17	TMW-7	Total/NA	Solid	3546	
680-84192-18	TMW-8	Total/NA	Solid	3546	
680-84192-21	DUP-3 (VP)	Total/NA	Solid	3546	
LCS 680-254709/21-A	Lab Control Sample	Total/NA	Solid	3546	
LCS 680-254709/24-A	Lab Control Sample	Total/NA	Solid	3546	
MB 680-254709/20-A	Method Blank	Total/NA	Solid	3546	

Prep Batch: 255049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-19	Equip Blank-1	Total/NA	Water	3520C	
680-84192-20	Equip Blank-2	Total/NA	Water	3520C	
LCS 680-255049/11-A	Lab Control Sample	Total/NA	Water	3520C	
LCS 680-255049/8-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 680-255049/12-A	Lab Control Sample Dup	Total/NA	Water	3520C	
MB 680-255049/7-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 255634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-19	Equip Blank-1	Total/NA	Water	8270D	255049

GC/MS Semi VOA (Continued)

Analysis Batch: 255634 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-20	Equip Blank-2	Total/NA	Water	8270D	255049
LCS 680-255049/11-A	Lab Control Sample	Total/NA	Water	8270D	255049
LCS 680-255049/8-A	Lab Control Sample	Total/NA	Water	8270D	255049
LCSD 680-255049/12-A	Lab Control Sample Dup	Total/NA	Water	8270D	255049
MB 680-255049/7-A	Method Blank	Total/NA	Water	8270D	255049

Analysis Batch: 255803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-10	BG-6	Total/NA	Solid	8270D	254709
680-84192-12	BG-8	Total/NA	Solid	8270D	254709
680-84192-13	VP-14	Total/NA	Solid	8270D	254709
680-84192-14	VP-21	Total/NA	Solid	8270D	254709
680-84192-16	TMW-2	Total/NA	Solid	8270D	254709
680-84192-17	TMW-7	Total/NA	Solid	8270D	254709
680-84192-18	TMW-8	Total/NA	Solid	8270D	254709
680-84192-21	DUP-3 (VP)	Total/NA	Solid	8270D	254709

Analysis Batch: 255970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-5	SED-5	Total/NA	Solid	8270D	254709
680-84192-6	SED-6	Total/NA	Solid	8270D	254709
680-84192-7	SED-7	Total/NA	Solid	8270D	254709
680-84192-8	SED DUP-2	Total/NA	Solid	8270D	254709
680-84192-9	BG DUP-1	Total/NA	Solid	8270D	254709
680-84192-11	BG-7	Total/NA	Solid	8270D	254709
680-84192-15	TMW-1	Total/NA	Solid	8270D	254709
680-84192-15 MS	TMW-1	Total/NA	Solid	8270D	254709
680-84192-15 MS	TMW-1	Total/NA	Solid	8270D	254709
680-84192-15 MSD	TMW-1	Total/NA	Solid	8270D	254709
680-84192-15 MSD	TMW-1	Total/NA	Solid	8270D	254709
LCS 680-254709/21-A	Lab Control Sample	Total/NA	Solid	8270D	254709
LCS 680-254709/24-A	Lab Control Sample	Total/NA	Solid	8270D	254709
MB 680-254709/20-A	Method Blank	Total/NA	Solid	8270D	254709

Metals

Prep Batch: 254478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-19	Equip Blank-1	Total/NA	Water	3030C	
680-84192-19 MS	Equip Blank-1	Total/NA	Water	3030C	
680-84192-19 MSD	Equip Blank-1	Total/NA	Water	3030C	
680-84192-20	Equip Blank-2	Total/NA	Water	3030C	
LCS 680-254478/2-A	Lab Control Sample	Total/NA	Water	3030C	
MB 680-254478/1-A	Method Blank	Total/NA	Water	3030C	

Prep Batch: 254536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-5	SED-5	Total/NA	Solid	3050B	
680-84192-5 MS	SED-5	Total/NA	Solid	3050B	
680-84192-5 MSD	SED-5	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 254536 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-6	SED-6	Total/NA	Solid	3050B	
680-84192-7	SED-7	Total/NA	Solid	3050B	
680-84192-8	SED DUP-2	Total/NA	Solid	3050B	
680-84192-9	BG DUP-1	Total/NA	Solid	3050B	
680-84192-10	BG-6	Total/NA	Solid	3050B	
680-84192-11	BG-7	Total/NA	Solid	3050B	
680-84192-12	BG-8	Total/NA	Solid	3050B	
680-84192-13	VP-14	Total/NA	Solid	3050B	
680-84192-14	VP-21	Total/NA	Solid	3050B	
680-84192-15	TMW-1	Total/NA	Solid	3050B	
680-84192-17	TMW-7	Total/NA	Solid	3050B	
680-84192-18	TMW-8	Total/NA	Solid	3050B	
680-84192-21	DUP-3 (VP)	Total/NA	Solid	3050B	
LCS 680-254536/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 680-254536/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 254572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-19	Equip Blank-1	Total/NA	Water	7470A	
680-84192-20	Equip Blank-2	Total/NA	Water	7470A	
LCS 680-254572/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 680-254572/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 254723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-19	Equip Blank-1	Total/NA	Water	6020A	254478
680-84192-19 MS	Equip Blank-1	Total/NA	Water	6020A	254478
680-84192-19 MSD	Equip Blank-1	Total/NA	Water	6020A	254478
680-84192-20	Equip Blank-2	Total/NA	Water	6020A	254478
LCS 680-254478/2-A	Lab Control Sample	Total/NA	Water	6020A	254478
MB 680-254478/1-A	Method Blank	Total/NA	Water	6020A	254478

Prep Batch: 254758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-5	SED-5	Total/NA	Solid	7471B	
680-84192-6	SED-6	Total/NA	Solid	7471B	
680-84192-7	SED-7	Total/NA	Solid	7471B	
680-84192-8	SED DUP-2	Total/NA	Solid	7471B	
680-84192-9	BG DUP-1	Total/NA	Solid	7471B	
680-84192-10	BG-6	Total/NA	Solid	7471B	
680-84192-11	BG-7	Total/NA	Solid	7471B	
680-84192-12	BG-8	Total/NA	Solid	7471B	
680-84192-13	VP-14	Total/NA	Solid	7471B	
680-84192-14	VP-21	Total/NA	Solid	7471B	
680-84192-15	TMW-1	Total/NA	Solid	7471B	
680-84192-16	TMW-2	Total/NA	Solid	7471B	
680-84192-17	TMW-7	Total/NA	Solid	7471B	
680-84192-18	TMW-8	Total/NA	Solid	7471B	
680-84192-21	DUP-3 (VP)	Total/NA	Solid	7471B	
LCS 680-254758/2-A	Lab Control Sample	Total/NA	Solid	7471B	
MB 680-254758/1-A	Method Blank	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 254815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-1	SED-1	Total/NA	Solid	3050B	
680-84192-2	SED-2	Total/NA	Solid	3050B	
680-84192-3	SED-3	Total/NA	Solid	3050B	
680-84192-4	SED-4	Total/NA	Solid	3050B	
680-84192-16	TMW-2	Total/NA	Solid	3050B	
LCS 680-254815/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 680-254815/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 254968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-5	SED-5	Total/NA	Solid	6020A	254536
680-84192-5 MS	SED-5	Total/NA	Solid	6020A	254536
680-84192-5 MSD	SED-5	Total/NA	Solid	6020A	254536
680-84192-7	SED-7	Total/NA	Solid	6020A	254536
680-84192-8	SED DUP-2	Total/NA	Solid	6020A	254536
680-84192-9	BG DUP-1	Total/NA	Solid	6020A	254536
680-84192-10	BG-6	Total/NA	Solid	6020A	254536
680-84192-11	BG-7	Total/NA	Solid	6020A	254536
680-84192-12	BG-8	Total/NA	Solid	6020A	254536
680-84192-13	VP-14	Total/NA	Solid	6020A	254536
680-84192-14	VP-21	Total/NA	Solid	6020A	254536
680-84192-15	TMW-1	Total/NA	Solid	6020A	254536
680-84192-17	TMW-7	Total/NA	Solid	6020A	254536
680-84192-18	TMW-8	Total/NA	Solid	6020A	254536
680-84192-21	DUP-3 (VP)	Total/NA	Solid	6020A	254536
LCS 680-254536/2-A	Lab Control Sample	Total/NA	Solid	6020A	254536

Analysis Batch: 255036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-1	SED-1	Total/NA	Solid	6020A	254815
680-84192-2	SED-2	Total/NA	Solid	6020A	254815
680-84192-3	SED-3	Total/NA	Solid	6020A	254815
680-84192-4	SED-4	Total/NA	Solid	6020A	254815
680-84192-6	SED-6	Total/NA	Solid	6020A	254536
680-84192-16	TMW-2	Total/NA	Solid	6020A	254815
LCS 680-254815/2-A	Lab Control Sample	Total/NA	Solid	6020A	254815
MB 680-254536/1-A	Method Blank	Total/NA	Solid	6020A	254536
MB 680-254815/1-A	Method Blank	Total/NA	Solid	6020A	254815

Analysis Batch: 255071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-19	Equip Blank-1	Total/NA	Water	7470A	254572
680-84192-20	Equip Blank-2	Total/NA	Water	7470A	254572
LCS 680-254572/2-A	Lab Control Sample	Total/NA	Water	7470A	254572
MB 680-254572/1-A	Method Blank	Total/NA	Water	7470A	254572

Analysis Batch: 255504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-5	SED-5	Total/NA	Solid	7471B	254758
680-84192-6	SED-6	Total/NA	Solid	7471B	254758
680-84192-7	SED-7	Total/NA	Solid	7471B	254758

Metals (Continued)

Analysis Batch: 255504 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-8	SED DUP-2	Total/NA	Solid	7471B	254758
680-84192-9	BG DUP-1	Total/NA	Solid	7471B	254758
680-84192-10	BG-6	Total/NA	Solid	7471B	254758
680-84192-11	BG-7	Total/NA	Solid	7471B	254758
680-84192-12	BG-8	Total/NA	Solid	7471B	254758
680-84192-13	VP-14	Total/NA	Solid	7471B	254758
680-84192-14	VP-21	Total/NA	Solid	7471B	254758
680-84192-15	TMW-1	Total/NA	Solid	7471B	254758
680-84192-16	TMW-2	Total/NA	Solid	7471B	254758
680-84192-17	TMW-7	Total/NA	Solid	7471B	254758
680-84192-18	TMW-8	Total/NA	Solid	7471B	254758
680-84192-21	DUP-3 (VP)	Total/NA	Solid	7471B	254758
LCS 680-254758/2-A	Lab Control Sample	Total/NA	Solid	7471B	254758
MB 680-254758/1-A	Method Blank	Total/NA	Solid	7471B	254758

Analysis Batch: 256324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-16	TMW-2	Total/NA	Solid	6020A	254815
LCS 680-254815/2-A	Lab Control Sample	Total/NA	Solid	6020A	254815
MB 680-254815/1-A	Method Blank	Total/NA	Solid	6020A	254815

General Chemistry

Analysis Batch: 254537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-19	Equip Blank-1	Total/NA	Water	9056	
680-84192-19 MS	Equip Blank-1	Total/NA	Water	9056	
680-84192-20	Equip Blank-2	Total/NA	Water	9056	
LCS 680-254537/3	Lab Control Sample	Total/NA	Water	9056	
LCSD 680-254537/4	Lab Control Sample Dup	Total/NA	Water	9056	
MB 680-254537/2	Method Blank	Total/NA	Water	9056	

Prep Batch: 254886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-5	SED-5	Total/NA	Solid	3-154	
680-84192-6	SED-6	Total/NA	Solid	3-154	
680-84192-7	SED-7	Total/NA	Solid	3-154	
680-84192-8	SED DUP-2	Total/NA	Solid	3-154	
680-84192-9	BG DUP-1	Total/NA	Solid	3-154	
680-84192-10	BG-6	Total/NA	Solid	3-154	
680-84192-11	BG-7	Total/NA	Solid	3-154	
680-84192-12	BG-8	Total/NA	Solid	3-154	
680-84192-13	VP-14	Total/NA	Solid	3-154	
680-84192-14	VP-21	Total/NA	Solid	3-154	
680-84192-15	TMW-1	Total/NA	Solid	3-154	
680-84192-16	TMW-2	Total/NA	Solid	3-154	
680-84192-17	TMW-7	Total/NA	Solid	3-154	
680-84192-18	TMW-8	Total/NA	Solid	3-154	
680-84192-21	DUP-3 (VP)	Total/NA	Solid	3-154	
680-84192-21 DU	DUP-3 (VP)	Total/NA	Solid	3-154	

General Chemistry (Continued)

Prep Batch: 254886 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-254886/1-A	Lab Control Sample	Total/NA	Solid	3-154	
MB 680-254886/2-A	Method Blank	Total/NA	Solid	3-154	

Analysis Batch: 254904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-20	Equip Blank-2	Total/NA	Water	350.1	
LCS 680-254904/1	Lab Control Sample	Total/NA	Water	350.1	
MB 680-254904/2	Method Blank	Total/NA	Water	350.1	

Analysis Batch: 254906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-5	SED-5	Total/NA	Solid	350.1	254886
680-84192-6	SED-6	Total/NA	Solid	350.1	254886
680-84192-7	SED-7	Total/NA	Solid	350.1	254886
680-84192-8	SED DUP-2	Total/NA	Solid	350.1	254886
680-84192-9	BG DUP-1	Total/NA	Solid	350.1	254886
680-84192-10	BG-6	Total/NA	Solid	350.1	254886
680-84192-11	BG-7	Total/NA	Solid	350.1	254886
680-84192-12	BG-8	Total/NA	Solid	350.1	254886
680-84192-13	VP-14	Total/NA	Solid	350.1	254886
680-84192-14	VP-21	Total/NA	Solid	350.1	254886
680-84192-15	TMW-1	Total/NA	Solid	350.1	254886
680-84192-16	TMW-2	Total/NA	Solid	350.1	254886
680-84192-17	TMW-7	Total/NA	Solid	350.1	254886
680-84192-18	TMW-8	Total/NA	Solid	350.1	254886
680-84192-21	DUP-3 (VP)	Total/NA	Solid	350.1	254886
680-84192-21 DU	DUP-3 (VP)	Total/NA	Solid	350.1	254886
LCS 680-254886/1-A	Lab Control Sample	Total/NA	Solid	350.1	254886
MB 680-254886/2-A	Method Blank	Total/NA	Solid	350.1	254886

Leach Batch: 255448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-5	SED-5	Soluble	Solid	DI Leach	
680-84192-5 MS	SED-5	Soluble	Solid	DI Leach	
680-84192-5 MSD	SED-5	Soluble	Solid	DI Leach	
680-84192-6	SED-6	Soluble	Solid	DI Leach	
680-84192-7	SED-7	Soluble	Solid	DI Leach	
680-84192-8	SED DUP-2	Soluble	Solid	DI Leach	
680-84192-9	BG DUP-1	Soluble	Solid	DI Leach	
680-84192-10	BG-6	Soluble	Solid	DI Leach	
680-84192-11	BG-7	Soluble	Solid	DI Leach	
680-84192-12	BG-8	Soluble	Solid	DI Leach	
680-84192-13	VP-14	Soluble	Solid	DI Leach	
680-84192-14	VP-21	Soluble	Solid	DI Leach	
680-84192-15	TMW-1	Soluble	Solid	DI Leach	
680-84192-16	TMW-2	Soluble	Solid	DI Leach	
680-84192-17	TMW-7	Soluble	Solid	DI Leach	
680-84192-18	TMW-8	Soluble	Solid	DI Leach	
680-84192-21	DUP-3 (VP)	Soluble	Solid	DI Leach	
LCS 680-255448/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCS 680-255448/4-A	Lab Control Sample	Soluble	Solid	DI Leach	

General Chemistry (Continued)

Leach Batch: 255448 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 680-255448/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
LCSD 680-255448/5-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
MB 680-255448/1-A	Method Blank	Soluble	Solid	DI Leach	

Analysis Batch: 255542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-255448/2-A	Lab Control Sample	Soluble	Solid	9056	255448
LCSD 680-255448/3-A	Lab Control Sample Dup	Soluble	Solid	9056	255448
MB 680-255448/1-A	Method Blank	Soluble	Solid	9056	255448

Analysis Batch: 255592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-255448/4-A	Lab Control Sample	Soluble	Solid	9056	255448
LCSD 680-255448/5-A	Lab Control Sample Dup	Soluble	Solid	9056	255448
MB 680-255448/1-A	Method Blank	Soluble	Solid	9056	255448

Analysis Batch: 255677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-5	SED-5	Soluble	Solid	9056	255448
680-84192-5 MS	SED-5	Soluble	Solid	9056	255448
680-84192-5 MSD	SED-5	Soluble	Solid	9056	255448
680-84192-6	SED-6	Soluble	Solid	9056	255448
680-84192-7	SED-7	Soluble	Solid	9056	255448
680-84192-8	SED DUP-2	Soluble	Solid	9056	255448
680-84192-9	BG DUP-1	Soluble	Solid	9056	255448
680-84192-10	BG-6	Soluble	Solid	9056	255448
680-84192-11	BG-7	Soluble	Solid	9056	255448
680-84192-12	BG-8	Soluble	Solid	9056	255448
680-84192-13	VP-14	Soluble	Solid	9056	255448
680-84192-14	VP-21	Soluble	Solid	9056	255448
680-84192-15	TMW-1	Soluble	Solid	9056	255448
680-84192-16	TMW-2	Soluble	Solid	9056	255448
680-84192-17	TMW-7	Soluble	Solid	9056	255448
680-84192-18	TMW-8	Soluble	Solid	9056	255448
680-84192-21	DUP-3 (VP)	Soluble	Solid	9056	255448

Analysis Batch: 255730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-5	SED-5	Soluble	Solid	9056	255448
680-84192-5 MS	SED-5	Soluble	Solid	9056	255448
680-84192-5 MSD	SED-5	Soluble	Solid	9056	255448
680-84192-6	SED-6	Soluble	Solid	9056	255448
680-84192-7	SED-7	Soluble	Solid	9056	255448
680-84192-8	SED DUP-2	Soluble	Solid	9056	255448
680-84192-9	BG DUP-1	Soluble	Solid	9056	255448
680-84192-10	BG-6	Soluble	Solid	9056	255448
680-84192-11	BG-7	Soluble	Solid	9056	255448
680-84192-12	BG-8	Soluble	Solid	9056	255448
680-84192-13	VP-14	Soluble	Solid	9056	255448
680-84192-14	VP-21	Soluble	Solid	9056	255448
680-84192-15	TMW-1	Soluble	Solid	9056	255448

General Chemistry (Continued)

Analysis Batch: 255730 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-16	TMW-2	Soluble	Solid	9056	255448
680-84192-17	TMW-7	Soluble	Solid	9056	255448
680-84192-18	TMW-8	Soluble	Solid	9056	255448
680-84192-21	DUP-3 (VP)	Soluble	Solid	9056	255448

Analysis Batch: 255738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-19	Equip Blank-1	Total/NA	Water	9056	
680-84192-20	Equip Blank-2	Total/NA	Water	9056	
LCS 680-255738/3	Lab Control Sample	Total/NA	Water	9056	
LCSD 680-255738/4	Lab Control Sample Dup	Total/NA	Water	9056	
MB 680-255738/2	Method Blank	Total/NA	Water	9056	

Analysis Batch: 257828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84192-19	Equip Blank-1	Total/NA	Water	350.1	
LCS 680-257828/1	Lab Control Sample	Total/NA	Water	350.1	
MB 680-257828/2	Method Blank	Total/NA	Water	350.1	

Lab Chronicle

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: SED-1 — Lab Sample ID: 680-84192-1

Date Collected: 10/26/12 09:00 — **Matrix: Solid**
Date Received: 10/27/12 10:41 — **Percent Solids: 78.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			254815	10/31/12 10:47	BCB	TAL SAV
Total/NA	Analysis	6020A		1	255036	11/01/12 23:29	RAM	TAL SAV

Client Sample ID: SED-2 — Lab Sample ID: 680-84192-2

Date Collected: 10/26/12 09:15 — **Matrix: Solid**
Date Received: 10/27/12 10:41 — **Percent Solids: 82.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			254815	10/31/12 10:47	BCB	TAL SAV
Total/NA	Analysis	6020A		1	255036	11/01/12 23:36	RAM	TAL SAV

Client Sample ID: SED-3 — Lab Sample ID: 680-84192-3

Date Collected: 10/26/12 09:30 — **Matrix: Solid**
Date Received: 10/27/12 10:41 — **Percent Solids: 82.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			254815	10/31/12 10:47	BCB	TAL SAV
Total/NA	Analysis	6020A		1	255036	11/01/12 23:44	RAM	TAL SAV

Client Sample ID: SED-4 — Lab Sample ID: 680-84192-4

Date Collected: 10/26/12 09:45 — **Matrix: Solid**
Date Received: 10/27/12 10:41 — **Percent Solids: 81.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			254815	10/31/12 10:47	BCB	TAL SAV
Total/NA	Analysis	6020A		1	255036	11/01/12 23:51	RAM	TAL SAV

Client Sample ID: SED-5 — Lab Sample ID: 680-84192-5

Date Collected: 10/26/12 10:00 — **Matrix: Solid**
Date Received: 10/27/12 10:41 — **Percent Solids: 78.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			254577	10/29/12 14:13	FS	TAL SAV
Total/NA	Analysis	8260B		1	255886	11/09/12 20:30	RB	TAL SAV
Total/NA	Prep	3546			254709	10/30/12 16:46	AJW	TAL SAV
Total/NA	Analysis	8270D		1	255970	11/10/12 22:01	BB	TAL SAV
Total/NA	Prep	3050B			254536	10/29/12 11:14	BCB	TAL SAV
Total/NA	Analysis	6020A		1	254968	11/01/12 03:21	RAM	TAL SAV
Total/NA	Prep	7471B			254758	10/30/12 17:45	UU	TAL SAV
Total/NA	Analysis	7471B		1	255504	11/06/12 19:20	UU	TAL SAV
Total/NA	Prep	3-154			254886	10/31/12 16:21	RW	TAL SAV
Total/NA	Analysis	350.1		1	254906	10/31/12 19:23	RW	TAL SAV
Soluble	Leach	DI Leach			255448	11/06/12 17:10	PAT	TAL SAV

Lab Chronicle

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: SED-5

Lab Sample ID: 680-84192-5
Date Collected: 10/26/12 10:00
Matrix: Solid
Date Received: 10/27/12 10:41
Percent Solids: 78.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Analysis	9056		5	255677	11/08/12 00:48	PAT	TAL SAV
Soluble	Analysis	9056		5	255730	11/08/12 11:05	PAT	TAL SAV

Client Sample ID: SED-6

Lab Sample ID: 680-84192-6
Date Collected: 10/26/12 10:15
Matrix: Solid
Date Received: 10/27/12 10:41
Percent Solids: 80.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			254577	10/29/12 14:13	FS	TAL SAV
Total/NA	Analysis	8260B		1	255886	11/09/12 13:36	RB	TAL SAV
Total/NA	Prep	3546			254709	10/30/12 16:46	AJW	TAL SAV
Total/NA	Analysis	8270D		1	255970	11/10/12 22:29	BB	TAL SAV
Total/NA	Prep	3050B			254536	10/29/12 11:14	BCB	TAL SAV
Total/NA	Analysis	6020A		1	255036	11/01/12 10:23	RAM	TAL SAV
Total/NA	Prep	7471B			254758	10/30/12 17:45	UU	TAL SAV
Total/NA	Analysis	7471B		1	255504	11/06/12 19:23	UU	TAL SAV
Total/NA	Prep	3-154			254886	10/31/12 16:21	RW	TAL SAV
Total/NA	Analysis	350.1		1	254906	10/31/12 19:31	RW	TAL SAV
Soluble	Leach	DI Leach			255448	11/06/12 17:10	PAT	TAL SAV
Soluble	Analysis	9056		5	255677	11/08/12 01:34	PAT	TAL SAV
Soluble	Analysis	9056		5	255730	11/08/12 11:43	PAT	TAL SAV

Client Sample ID: SED-7

Lab Sample ID: 680-84192-7
Date Collected: 10/26/12 10:30
Matrix: Solid
Date Received: 10/27/12 10:41
Percent Solids: 80.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			254577	10/29/12 14:13	FS	TAL SAV
Total/NA	Analysis	8260B		1	255886	11/09/12 13:59	RB	TAL SAV
Total/NA	Prep	3546			254709	10/30/12 16:46	AJW	TAL SAV
Total/NA	Analysis	8270D		1	255970	11/10/12 22:56	BB	TAL SAV
Total/NA	Prep	3050B			254536	10/29/12 11:14	BCB	TAL SAV
Total/NA	Analysis	6020A		1	254968	11/01/12 04:06	RAM	TAL SAV
Total/NA	Prep	7471B			254758	10/30/12 17:45	UU	TAL SAV
Total/NA	Analysis	7471B		1	255504	11/06/12 19:26	UU	TAL SAV
Total/NA	Prep	3-154			254886	10/31/12 16:21	RW	TAL SAV
Total/NA	Analysis	350.1		1	254906	10/31/12 19:31	RW	TAL SAV
Soluble	Leach	DI Leach			255448	11/06/12 17:10	PAT	TAL SAV
Soluble	Analysis	9056		5	255677	11/08/12 01:50	PAT	TAL SAV
Soluble	Analysis	9056		5	255730	11/08/12 11:55	PAT	TAL SAV

Lab Chronicle

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: SED DUP-2

Lab Sample ID: 680-84192-8

Date Collected: 10/26/12 00:00
Matrix: Solid
Date Received: 10/27/12 10:41
Percent Solids: 80.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			254577	10/29/12 14:13	FS	TAL SAV
Total/NA	Analysis	8260B		1	255886	11/09/12 14:21	RB	TAL SAV
Total/NA	Prep	3546			254709	10/30/12 16:46	AJW	TAL SAV
Total/NA	Analysis	8270D		1	255970	11/10/12 23:23	BB	TAL SAV
Total/NA	Prep	3050B			254536	10/29/12 11:14	BCB	TAL SAV
Total/NA	Analysis	6020A		1	254968	11/01/12 04:13	RAM	TAL SAV
Total/NA	Prep	7471B			254758	10/30/12 17:45	UU	TAL SAV
Total/NA	Analysis	7471B		1	255504	11/06/12 19:29	UU	TAL SAV
Total/NA	Prep	3-154			254886	10/31/12 16:21	RW	TAL SAV
Total/NA	Analysis	350.1		1	254906	10/31/12 19:31	RW	TAL SAV
Soluble	Leach	DI Leach			255448	11/06/12 17:10	PAT	TAL SAV
Soluble	Analysis	9056		5	255677	11/08/12 02:05	PAT	TAL SAV
Soluble	Analysis	9056		5	255730	11/08/12 12:07	PAT	TAL SAV

Client Sample ID: BG DUP-1

Lab Sample ID: 680-84192-9

Date Collected: 10/26/12 00:00
Matrix: Solid
Date Received: 10/27/12 10:41
Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			254577	10/29/12 14:13	FS	TAL SAV
Total/NA	Analysis	8260B		1	255886	11/09/12 14:44	RB	TAL SAV
Total/NA	Prep	3546			254709	10/30/12 16:46	AJW	TAL SAV
Total/NA	Analysis	8270D		1	255970	11/10/12 23:51	BB	TAL SAV
Total/NA	Prep	3050B			254536	10/29/12 11:14	BCB	TAL SAV
Total/NA	Analysis	6020A		1	254968	11/01/12 04:35	RAM	TAL SAV
Total/NA	Prep	7471B			254758	10/30/12 17:45	UU	TAL SAV
Total/NA	Analysis	7471B		1	255504	11/06/12 19:39	UU	TAL SAV
Total/NA	Prep	3-154			254886	10/31/12 16:21	RW	TAL SAV
Total/NA	Analysis	350.1		1	254906	10/31/12 19:31	RW	TAL SAV
Soluble	Leach	DI Leach			255448	11/06/12 17:10	PAT	TAL SAV
Soluble	Analysis	9056		5	255677	11/08/12 02:21	PAT	TAL SAV
Soluble	Analysis	9056		5	255730	11/08/12 12:20	PAT	TAL SAV

Client Sample ID: BG-6

Lab Sample ID: 680-84192-10

Date Collected: 10/26/12 12:00
Matrix: Solid
Date Received: 10/27/12 10:41
Percent Solids: 81.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			254577	10/29/12 14:13	FS	TAL SAV
Total/NA	Analysis	8260B		1	255886	11/09/12 20:52	RB	TAL SAV
Total/NA	Prep	3546			254709	10/30/12 16:46	AJW	TAL SAV
Total/NA	Analysis	8270D		1	255803	11/08/12 21:16	BB	TAL SAV
Total/NA	Prep	3050B			254536	10/29/12 11:14	BCB	TAL SAV

Lab Chronicle

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: BG-6

Lab Sample ID: 680-84192-10
Date Collected: 10/26/12 12:00
Matrix: Solid
Date Received: 10/27/12 10:41
Percent Solids: 81.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6020A		1	254968	11/01/12 04:43	RAM	TAL SAV
Total/NA	Prep	7471B			254758	10/30/12 17:45	UU	TAL SAV
Total/NA	Analysis	7471B		1	255504	11/06/12 19:42	UU	TAL SAV
Total/NA	Prep	3-154			254886	10/31/12 16:21	RW	TAL SAV
Total/NA	Analysis	350.1		1	254906	10/31/12 19:31	RW	TAL SAV
Soluble	Leach	DI Leach			255448	11/06/12 17:10	PAT	TAL SAV
Soluble	Analysis	9056		5	255677	11/08/12 02:36	PAT	TAL SAV
Soluble	Analysis	9056		5	255730	11/08/12 12:32	PAT	TAL SAV

Client Sample ID: BG-7

Lab Sample ID: 680-84192-11
Date Collected: 10/26/12 12:15
Matrix: Solid
Date Received: 10/27/12 10:41
Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			254577	10/29/12 14:13	FS	TAL SAV
Total/NA	Analysis	8260B		1	255886	11/09/12 16:53	RB	TAL SAV
Total/NA	Prep	3546			254709	10/30/12 16:46	AJW	TAL SAV
Total/NA	Analysis	8270D		1	255970	11/11/12 00:18	BB	TAL SAV
Total/NA	Prep	3050B			254536	10/29/12 11:14	BCB	TAL SAV
Total/NA	Analysis	6020A		1	254968	11/01/12 04:50	RAM	TAL SAV
Total/NA	Prep	7471B			254758	10/30/12 17:45	UU	TAL SAV
Total/NA	Analysis	7471B		1	255504	11/06/12 19:45	UU	TAL SAV
Total/NA	Prep	3-154			254886	10/31/12 16:21	RW	TAL SAV
Total/NA	Analysis	350.1		1	254906	10/31/12 19:13	RW	TAL SAV
Soluble	Leach	DI Leach			255448	11/06/12 17:10	PAT	TAL SAV
Soluble	Analysis	9056		5	255677	11/08/12 02:51	PAT	TAL SAV
Soluble	Analysis	9056		5	255730	11/08/12 12:45	PAT	TAL SAV

Client Sample ID: BG-8

Lab Sample ID: 680-84192-12
Date Collected: 10/26/12 12:30
Matrix: Solid
Date Received: 10/27/12 10:41
Percent Solids: 84.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			254577	10/29/12 14:13	FS	TAL SAV
Total/NA	Analysis	8260B		1	255886	11/09/12 17:16	RB	TAL SAV
Total/NA	Prep	3546			254709	10/30/12 16:46	AJW	TAL SAV
Total/NA	Analysis	8270D		1	255803	11/08/12 21:43	BB	TAL SAV
Total/NA	Prep	3050B			254536	10/29/12 11:14	BCB	TAL SAV
Total/NA	Analysis	6020A		1	254968	11/01/12 04:58	RAM	TAL SAV
Total/NA	Prep	7471B			254758	10/30/12 17:45	UU	TAL SAV
Total/NA	Analysis	7471B		1	255504	11/06/12 19:48	UU	TAL SAV
Total/NA	Prep	3-154			254886	10/31/12 16:21	RW	TAL SAV
Total/NA	Analysis	350.1		1	254906	10/31/12 19:13	RW	TAL SAV

Lab Chronicle

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: BG-8

Lab Sample ID: 680-84192-12
Date Collected: 10/26/12 12:30
Matrix: Solid
Date Received: 10/27/12 10:41
Percent Solids: 84.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			255448	11/06/12 17:10	PAT	TAL SAV
Soluble	Analysis	9056		5	255677	11/08/12 03:07	PAT	TAL SAV
Soluble	Analysis	9056		5	255730	11/08/12 12:57	PAT	TAL SAV

Client Sample ID: VP-14

Lab Sample ID: 680-84192-13
Date Collected: 10/26/12 13:00
Matrix: Solid
Date Received: 10/27/12 10:41
Percent Solids: 97.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			254577	10/29/12 14:13	FS	TAL SAV
Total/NA	Analysis	8260B		1	255886	11/09/12 17:38	RB	TAL SAV
Total/NA	Prep	3546			254709	10/30/12 16:46	AJW	TAL SAV
Total/NA	Analysis	8270D		1	255803	11/08/12 22:11	BB	TAL SAV
Total/NA	Prep	3050B			254536	10/29/12 11:14	BCB	TAL SAV
Total/NA	Analysis	6020A		1	254968	11/01/12 05:05	RAM	TAL SAV
Total/NA	Prep	7471B			254758	10/30/12 17:45	UU	TAL SAV
Total/NA	Analysis	7471B		1	255504	11/06/12 19:51	UU	TAL SAV
Total/NA	Prep	3-154			254886	10/31/12 16:21	RW	TAL SAV
Total/NA	Analysis	350.1		1	254906	10/31/12 19:13	RW	TAL SAV
Soluble	Leach	DI Leach			255448	11/06/12 17:10	PAT	TAL SAV
Soluble	Analysis	9056		5	255677	11/08/12 03:53	PAT	TAL SAV
Soluble	Analysis	9056		5	255730	11/08/12 13:34	PAT	TAL SAV

Client Sample ID: VP-21

Lab Sample ID: 680-84192-14
Date Collected: 10/26/12 13:10
Matrix: Solid
Date Received: 10/27/12 10:41
Percent Solids: 96.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	256457	11/14/12 15:05	RB	TAL SAV
Total/NA	Prep	3546			254709	10/30/12 16:46	AJW	TAL SAV
Total/NA	Analysis	8270D		1	255803	11/08/12 22:38	BB	TAL SAV
Total/NA	Prep	3050B			254536	10/29/12 11:14	BCB	TAL SAV
Total/NA	Analysis	6020A		1	254968	11/01/12 05:13	RAM	TAL SAV
Total/NA	Prep	7471B			254758	10/30/12 17:45	UU	TAL SAV
Total/NA	Analysis	7471B		1	255504	11/06/12 19:54	UU	TAL SAV
Total/NA	Prep	3-154			254886	10/31/12 16:21	RW	TAL SAV
Total/NA	Analysis	350.1		1	254906	10/31/12 19:13	RW	TAL SAV
Soluble	Leach	DI Leach			255448	11/06/12 17:10	PAT	TAL SAV
Soluble	Analysis	9056		5	255677	11/08/12 04:08	PAT	TAL SAV
Soluble	Analysis	9056		5	255730	11/08/12 13:47	PAT	TAL SAV

Lab Chronicle

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: TMW-1

Lab Sample ID: 680-84192-15

Date Collected: 10/26/12 13:30
Matrix: Solid
Date Received: 10/27/12 10:41
Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			254577	10/29/12 14:13	FS	TAL SAV
Total/NA	Analysis	8260B		1	255886	11/09/12 18:23	RB	TAL SAV
Total/NA	Prep	3546			254709	10/30/12 16:46	AJW	TAL SAV
Total/NA	Analysis	8270D		1	255970	11/10/12 21:34	BB	TAL SAV
Total/NA	Prep	3050B			254536	10/29/12 11:14	BCB	TAL SAV
Total/NA	Analysis	6020A		1	254968	11/01/12 05:20	RAM	TAL SAV
Total/NA	Prep	7471B			254758	10/30/12 17:45	UU	TAL SAV
Total/NA	Analysis	7471B		1	255504	11/06/12 19:57	UU	TAL SAV
Total/NA	Prep	3-154			254886	10/31/12 16:21	RW	TAL SAV
Total/NA	Analysis	350.1		1	254906	10/31/12 19:13	RW	TAL SAV
Soluble	Leach	DI Leach			255448	11/06/12 17:10	PAT	TAL SAV
Soluble	Analysis	9056		5	255677	11/08/12 04:24	PAT	TAL SAV
Soluble	Analysis	9056		5	255730	11/08/12 13:59	PAT	TAL SAV

Client Sample ID: TMW-2

Lab Sample ID: 680-84192-16

Date Collected: 10/26/12 13:45
Matrix: Solid
Date Received: 10/27/12 10:41
Percent Solids: 95.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	255969	11/10/12 18:26	RB	TAL SAV
Total/NA	Prep	3546			254709	10/30/12 16:46	AJW	TAL SAV
Total/NA	Analysis	8270D		1	255803	11/08/12 23:05	BB	TAL SAV
Total/NA	Prep	3050B			254815	10/31/12 10:47	BCB	TAL SAV
Total/NA	Analysis	6020A		1	255036	11/01/12 23:59	RAM	TAL SAV
Total/NA	Prep	7471B			254758	10/30/12 17:45	UU	TAL SAV
Total/NA	Analysis	7471B		1	255504	11/06/12 20:01	UU	TAL SAV
Total/NA	Analysis	6020A		1	256324	11/13/12 15:53	BR	TAL SAV
Total/NA	Prep	3-154			254886	10/31/12 16:21	RW	TAL SAV
Total/NA	Analysis	350.1		1	254906	10/31/12 19:13	RW	TAL SAV
Soluble	Leach	DI Leach			255448	11/06/12 17:10	PAT	TAL SAV
Soluble	Analysis	9056		5	255677	11/08/12 04:39	PAT	TAL SAV
Soluble	Analysis	9056		5	255730	11/08/12 14:11	PAT	TAL SAV

Client Sample ID: TMW-7

Lab Sample ID: 680-84192-17

Date Collected: 10/26/12 14:00
Matrix: Solid
Date Received: 10/27/12 10:41
Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	255969	11/10/12 18:49	RB	TAL SAV
Total/NA	Prep	3546			254709	10/30/12 16:46	AJW	TAL SAV
Total/NA	Analysis	8270D		1	255803	11/08/12 23:33	BB	TAL SAV
Total/NA	Prep	3050B			254536	10/29/12 11:14	BCB	TAL SAV
Total/NA	Analysis	6020A		1	254968	11/01/12 05:28	RAM	TAL SAV

Lab Chronicle

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: TMW-7

Lab Sample ID: 680-84192-17

Date Collected: 10/26/12 14:00
Matrix: Solid
Date Received: 10/27/12 10:41
Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			254758	10/30/12 17:45	UU	TAL SAV
Total/NA	Analysis	7471B		1	255504	11/06/12 20:04	UU	TAL SAV
Total/NA	Prep	3-154			254886	10/31/12 16:21	RW	TAL SAV
Total/NA	Analysis	350.1		1	254906	10/31/12 19:13	RW	TAL SAV
Soluble	Leach	DI Leach			255448	11/06/12 17:10	PAT	TAL SAV
Soluble	Analysis	9056		5	255677	11/08/12 04:55	PAT	TAL SAV
Soluble	Analysis	9056		5	255730	11/08/12 14:24	PAT	TAL SAV

Client Sample ID: TMW-8

Lab Sample ID: 680-84192-18

Date Collected: 10/26/12 14:15
Matrix: Solid
Date Received: 10/27/12 10:41
Percent Solids: 90.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	255969	11/10/12 19:11	RB	TAL SAV
Total/NA	Prep	3546			254709	10/30/12 16:46	AJW	TAL SAV
Total/NA	Analysis	8270D		1	255803	11/09/12 00:00	BB	TAL SAV
Total/NA	Prep	3050B			254536	10/29/12 11:14	BCB	TAL SAV
Total/NA	Analysis	6020A		1	254968	11/01/12 05:35	RAM	TAL SAV
Total/NA	Prep	7471B			254758	10/30/12 17:45	UU	TAL SAV
Total/NA	Analysis	7471B		1	255504	11/06/12 20:07	UU	TAL SAV
Total/NA	Prep	3-154			254886	10/31/12 16:21	RW	TAL SAV
Total/NA	Analysis	350.1		1	254906	10/31/12 19:13	RW	TAL SAV
Soluble	Leach	DI Leach			255448	11/06/12 17:10	PAT	TAL SAV
Soluble	Analysis	9056		5	255677	11/08/12 05:10	PAT	TAL SAV
Soluble	Analysis	9056		5	255730	11/08/12 14:36	PAT	TAL SAV

Client Sample ID: Equip Blank-1

Lab Sample ID: 680-84192-19

Date Collected: 10/26/12 14:30
Matrix: Water
Date Received: 10/27/12 10:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	255396	11/06/12 17:09	AJMC	TAL SAV
Total/NA	Prep	3520C			255049	11/02/12 15:31	RBS	TAL SAV
Total/NA	Analysis	8270D		1	255634	11/08/12 02:25	MJC	TAL SAV
Total/NA	Prep	3030C			254478	10/28/12 09:17	BCB	TAL SAV
Total/NA	Analysis	6020A		1	254723	10/29/12 17:02	RAM	TAL SAV
Total/NA	Prep	7470A			254572	10/29/12 13:46	UU	TAL SAV
Total/NA	Analysis	7470A		1	255071	10/31/12 15:25	UU	TAL SAV
Total/NA	Analysis	9056		5	254537	10/27/12 14:33	CB	TAL SAV
Total/NA	Analysis	9056		5	255738	11/08/12 15:51	PAT	TAL SAV
Total/NA	Analysis	350.1		1	257828	11/27/12 18:37	JNC	TAL SAV

Client Sample ID: Equip Blank-2

Lab Sample ID: 680-84192-20

Date Collected: 10/26/12 14:40

Matrix: Water

Date Received: 10/27/12 10:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	255396	11/06/12 16:39	AJMC	TAL SAV
Total/NA	Prep	3520C			255049	11/02/12 15:31	RBS	TAL SAV
Total/NA	Analysis	8270D		1	255634	11/08/12 02:50	MJC	TAL SAV
Total/NA	Prep	3030C			254478	10/28/12 09:17	BCB	TAL SAV
Total/NA	Analysis	6020A		1	254723	10/29/12 17:47	RAM	TAL SAV
Total/NA	Prep	7470A			254572	10/29/12 13:46	UU	TAL SAV
Total/NA	Analysis	7470A		1	255071	10/31/12 15:28	UU	TAL SAV
Total/NA	Analysis	9056		5	254537	10/27/12 15:04	CB	TAL SAV
Total/NA	Analysis	350.1		1	254904	10/31/12 17:45	RW	TAL SAV
Total/NA	Analysis	9056		5	255738	11/08/12 16:03	PAT	TAL SAV

Client Sample ID: DUP-3 (VP)

Lab Sample ID: 680-84192-21

Date Collected: 10/26/12 00:00

Matrix: Solid

Date Received: 10/27/12 10:41

Percent Solids: 96.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	255969	11/10/12 19:34	RB	TAL SAV
Total/NA	Prep	3546			254709	10/30/12 16:46	AJW	TAL SAV
Total/NA	Analysis	8270D		1	255803	11/09/12 00:28	BB	TAL SAV
Total/NA	Prep	3050B			254536	10/29/12 11:14	BCB	TAL SAV
Total/NA	Analysis	6020A		1	254968	11/01/12 05:43	RAM	TAL SAV
Total/NA	Prep	7471B			254758	10/30/12 17:45	UU	TAL SAV
Total/NA	Analysis	7471B		1	255504	11/06/12 20:16	UU	TAL SAV
Total/NA	Prep	3-154			254886	10/31/12 16:21	RW	TAL SAV
Total/NA	Analysis	350.1		1	254906	10/31/12 20:14	RW	TAL SAV
Soluble	Leach	DI Leach			255448	11/06/12 17:10	PAT	TAL SAV
Soluble	Analysis	9056		5	255677	11/08/12 05:25	PAT	TAL SAV
Soluble	Analysis	9056		5	255730	11/08/12 14:49	PAT	TAL SAV

Client Sample ID: Trip Blank-1

Lab Sample ID: 680-84192-22

Date Collected: 10/26/12 00:00

Matrix: Water

Date Received: 10/27/12 10:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	255271	11/05/12 13:36	AJMC	TAL SAV

Client Sample ID: Trip Blank-2

Lab Sample ID: 680-84192-23

Date Collected: 10/26/12 00:00

Matrix: Water

Date Received: 10/27/12 10:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	255271	11/05/12 14:05	AJMC	TAL SAV

Lab Chronicle

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Client Sample ID: Trip Blank-3

Lab Sample ID: 680-84192-24

Date Collected: 10/26/12 00:00

Matrix: Water

Date Received: 10/27/12 10:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	255396	11/06/12 17:38	AJMC	TAL SAV

Client Sample ID: Trip Blank-4

Lab Sample ID: 680-84192-25

Date Collected: 10/26/12 00:00

Matrix: Water

Date Received: 10/27/12 10:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	255396	11/06/12 18:08	AJMC	TAL SAV

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Serial Number 60818

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE: FLEMINGTON LANDFILL	PROJECT NO.: 1054-11-1007	PROJECT LOCATION (STATE): NC
TAL (LAB) PROJECT MANAGER: LIDYA GUIZIA	P.O. NUMBER:	CONTRACT NO.:
CLIENT (SITE) PM: Gerald Paul	CLIENT PHONE: 919 872 0660	CLIENT FAX:
CLIENT NAME: STME	CLIENT E-MAIL: JPaul@Smeinc.com	
CLIENT ADDRESS: 3201 SPRING FOREST Rd Raleigh NC 27616		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 1 OF 2

STANDARD REPORT DELIVERY ◯

DATE DUE _____

EXPEDITED REPORT DELIVERY (SURCHARGE) ◯

DATE DUE _____

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	Thallium only 6020A	8270 + TICS	8260 + TICS	Ammonia 350.1	6020A metals	7470 Mercury	9056 Nitrate + Sulfate				REMARKS
								PRESERVATIVE										
10/26/12	0900	SED-1	G		S			1										
	0915	SED-2						1										
	0930	SED-3						1										
	0945	SED-4						1										
	1000	SED-5						X	1	4	—	—	1	—				Short hold
	1015	SED-6						X	1	4	—	—	1	—				
	1030	SED-7						X	1	4	—	—	1	—				
	—	SED Dup-2						X	1	4	—	1	—	—				
	—	BG-Dup-1						X	1	4	—	1	—	—				
	1200	BG-6						X	1	4	—	1	—	—				
	1215	BG-7						X	1	4	—	1	—	—				
	1230	BG-8						X	1	4	—	1	—	—				

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	10/26/12	1530	[signature]	10/26/12	1700			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
[signature]	10/26/12	15:50						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
[signature]	10/27/12	1041	YES ◯ NO ◯		630-84192	4.4 / 4.3 / 4.2 / 4.2

TAL8240-680 (1008)

Serial Number 60833

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
Fleming for Landfill	1054-11-1007	NC
TAL (LAB) PROJECT MANAGER: Lidya Gulzia	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM: Gerald Paul	CLIENT PHONE: 919 872 2660	CLIENT FAX
CLIENT NAME: STME	CLIENT E-MAIL: JPaul@smeinc.com	
CLIENT ADDRESS: 3201 Spring Forest Rd Raleigh NC 27616		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 2 OF 2

STANDARD REPORT DELIVERY ◯

DATE DUE _____

EXPEDITED REPORT DELIVERY (SURCHARGE) ◯

DATE DUE _____

NUMBER OF COOLERS SUBMITTED PER SHIPMENT: 4

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX TYPE: AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	8270 + TICs	8260 + TICs	Ammonia as N 350.1	Metals 6020A	Mercury 7470A	Nitrate Nitrite Sulfate					REMARKS
								PRESERVATIVE										
10/24/12	1300	VP-14	G		S			1	4	—	2	—						
	1310	VP-21						1	4	—	2	—						Short Hold
	1330	TMW-1						1	4	—	2	—						
	1345	TMW-2						1	4	—	2	—						
	1400	TMW-7																
	1415	TMW-8																
	1430	EQUIP BLANK-1		A				2	3	1	1	1						
	1440	EQUIP BLANK-2		A				2	3	1	1	1						
	—	DUP-3 (VP)			S			1	4	—	2	—						
	—	TRIP BLANK-1							1									
	—	TRIP BLANK-2							1									
	—	TRIP BLANK-3							1									
	—	TRIP BLANK-4							1									

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	10/26/12	1530	[signature]	10/26/12	1700			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
[signature]	10/26/12	1950						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
[signature]	10/27/12	1041	YES ◯ NO ◯		680-84192	

TAL 8240-680 (1008)

Login Sample Receipt Checklist

Client: S&ME, Inc.

Job Number: 680-84192-1

Login Number: 84192
List Number: 1
Creator: Conner, Keaton

List Source: TestAmerica Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.4, 4.3, 4.2, 4.2 C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	1 liter amber EB-2 received broken
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	Insufficient volume received for MS/MSD.
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	

Certification Summary

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84192-1

Laboratory: TestAmerica Savannah

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

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	DoD ELAP		0399-01	02-28-13
A2LA	ISO/IEC 17025		399.01	02-28-13
Alabama	State Program	4	41450	06-30-13
Alaska (UST)	State Program	10	UST-104	06-19-13
Arkansas DEQ	State Program	6	88-0692	02-01-13
California	NELAC	9	3217CA	07-31-13
Colorado	State Program	8	N/A	12-31-12
Connecticut	State Program	1	PH-0161	03-31-13
Florida	NELAC	4	E87052	06-30-13
GA Dept. of Agriculture	State Program	4	N/A	12-31-12
Georgia	State Program	4	N/A	06-30-13
Georgia	State Program	4	803	06-30-13
Guam	State Program	9	09-005r	04-17-13
Hawaii	State Program	9	N/A	06-30-13
Indiana	State Program	5	N/A	06-30-13
Iowa	State Program	7	353	07-01-13
Kentucky	State Program	4	90084	12-31-12
Kentucky (UST)	State Program	4	18	02-28-13
Louisiana	NELAC	6	30690	06-30-13
Louisiana	NELAC	6	LA100015	12-31-12
Maine	State Program	1	GA00006	08-16-14
Maryland	State Program	3	250	12-31-12
Massachusetts	State Program	1	M-GA006	06-30-13
Michigan	State Program	5	9925	06-30-13
Mississippi	State Program	4	N/A	06-30-13
Montana	State Program	8	CERT0081	12-31-12
Nebraska	State Program	7	TestAmerica-Savannah	06-30-13
New Jersey	NELAC	2	GA769	06-30-13
New Mexico	State Program	6	N/A	06-30-13
New York	NELAC	2	10842	04-01-13
North Carolina DENR	State Program	4	269	12-31-13
North Carolina DHHS	State Program	4	13701	07-31-13
Oklahoma	State Program	6	9984	08-31-13
Pennsylvania	NELAC	3	68-00474	06-30-13
Puerto Rico	State Program	2	GA00006	01-01-13
Rhode Island	State Program	1	LAO00244	12-30-12
South Carolina	State Program	4	98001	06-30-13
Tennessee	State Program	4	TN02961	06-30-13
USDA	Federal		SAV 3-04	04-07-14
Virginia	NELAC	3	460161	06-14-13
Washington	State Program	10	C1794	06-10-13
West Virginia	State Program	3	9950C	12-31-12
West Virginia DEP	State Program	3	94	06-30-13
Wisconsin	State Program	5	999819810	08-31-13
Wyoming	State Program	8	8TMS-Q	06-30-13

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

TestAmerica Job ID: 680-84212-1
Client Project/Site: Flemington Landfill OCT 2012

For:
S&ME, Inc.
3201 Spring Forest Road
Raleigh, North Carolina 27616

Attn: Jerry Paul

Authorized for release by:
11/16/2012 6:01:38 PM

Lidya Gulizia
Project Manager II
lidya.gulizia@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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

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

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

Job ID: 680-84212-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE

Client: S&ME, Inc.

Project: Flemington Landfill OCT 2012

Report Number: 680-84212-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

The following acronyms are used in reporting tentatively identified compound (TIC) results and these are defined as follows:

RT - Retention Time (in minutes)
Dil Fac - Dilution Factor
D - Dilution

RECEIPT
The samples were received on 10/30/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.2 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples TMW-3 (680-84212-1), TMW-4 (680-84212-2), TMW-5 (680-84212-3) and TMW-6 (680-84212-4) were analyzed for Volatile Organic Compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 10/30/2012 and analyzed on 11/10/2012.

No difficulties were encountered during the volatiles analyses.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (SOLID)
Samples TMW-3 (680-84212-1), TMW-4 (680-84212-2), TMW-5 (680-84212-3) and TMW-6 (680-84212-4) were analyzed for Semivolatile Organic Compounds (Solid) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 10/30/2012 and analyzed on 11/13/2012.

No difficulties were encountered during the semivolatiles analyses.

All quality control parameters were within the acceptance limits.

METALS (ICPMS)
Samples TMW-3 (680-84212-1), TMW-4 (680-84212-2), TMW-5 (680-84212-3) and TMW-6 (680-84212-4) were analyzed for metals (ICPMS) in accordance with EPA SW-846 Methods 6020A. The samples were prepared on 10/31/2012 and analyzed on 11/01/2012 and 11/13/2012.

Arsenic, Copper and Iron were detected in method blank MB 680-254815/1-A at levels that were above the method detection limit but

Job ID: 680-84212-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

below the reporting limit. The values should be considered estimates, and have been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Refer to the QC report for details.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY
Samples TMW-3 (680-84212-1), TMW-4 (680-84212-2), TMW-5 (680-84212-3) and TMW-6 (680-84212-4) were analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared on 10/30/2012 and analyzed on 11/06/2012.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

AMMONIA
Samples TMW-3 (680-84212-1), TMW-4 (680-84212-2), TMW-5 (680-84212-3) and TMW-6 (680-84212-4) were analyzed for ammonia in accordance with EPA Method 350.1. The samples were prepared and analyzed on 10/31/2012.

Ammonia exceeded the recovery criteria low for the MSD of sample TMW-3MSD (680-84212-1) in batch 680-254906.

No other difficulties were encountered during the ammonia analyses.

All other quality control parameters were within the acceptance limits.

ANIONS BY IC
Samples TMW-3 (680-84212-1), TMW-4 (680-84212-2), TMW-5 (680-84212-3) and TMW-6 (680-84212-4) were analyzed for Anions by IC in accordance with EPA SW-846 Method 9056 (DI Leach). The samples were leached on 11/07/2012 and analyzed on 11/09/2012.

Samples TMW-3 (680-84212-1)[5X], TMW-4 (680-84212-2)[5X], TMW-5 (680-84212-3)[5X] and TMW-6 (680-84212-4)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the anions analyses.

All quality control parameters were within the acceptance limits.

ANIONS BY IC (NITRATE/NITRITE)
Samples TMW-3 (680-84212-1), TMW-4 (680-84212-2), TMW-5 (680-84212-3) and TMW-6 (680-84212-4) were analyzed for Anions by IC (Nitrate/Nitrite) in accordance with EPA SW846 Method 9056 (DI Leach). The samples were leached on 11/10/2012 and analyzed on 11/10/2012.

Samples TMW-3 (680-84212-1)[5X], TMW-4 (680-84212-2)[5X], TMW-5 (680-84212-3)[5X] and TMW-6 (680-84212-4)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the anions analyses.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84212-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-84212-1	TMW-3	Solid	10/29/12 13:00	10/30/12 09:24
680-84212-2	TMW-4	Solid	10/29/12 13:15	10/30/12 09:24
680-84212-3	TMW-5	Solid	10/29/12 13:30	10/30/12 09:24
680-84212-4	TMW-6	Solid	10/29/12 13:45	10/30/12 09:24

Method Summary

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84212-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAV
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL SAV
6020A	Metals (ICP/MS)	SW846	TAL SAV
7471B	Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	SW846	TAL SAV
350.1	Nitrogen, Ammonia	MCAWW	TAL SAV
9056	Anions, Ion Chromatography	SW846	TAL SAV
Moisture	Percent Moisture	EPA	TAL SAV

Protocol References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.
A	The tentatively identified compound is a suspected aldol-condensation product.

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.

General Chemistry

Qualifier	Qualifier Description
F	MS or MSD exceeds the control 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
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
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)

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84212-1

Client Sample ID: TMW-3
Date Collected: 10/29/12 13:00
Date Received: 10/30/12 09:24

Lab Sample ID: 680-84212-1
Matrix: Solid
Percent Solids: 96.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.050	0.011	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
Benzene	ND		0.0050	0.00074	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
Bromochloromethane	ND		0.0050	0.0033	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
Bromodichloromethane	ND		0.0050	0.00098	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
Bromoform	ND		0.0050	0.0015	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
Bromomethane	ND		0.0050	0.0015	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
2-Butanone	ND		0.025	0.0024	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
Carbon disulfide	ND		0.0050	0.0011	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
Carbon tetrachloride	ND		0.0050	0.00084	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
Chlorobenzene	ND		0.0050	0.00097	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
Chloroethane	ND		0.0050	0.0027	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
Chloroform	ND		0.0050	0.0011	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
Chloromethane	ND		0.0050	0.0010	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
cis-1,2-Dichloroethene	ND		0.0050	0.0014	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
cis-1,3-Dichloropropene	ND		0.0050	0.00084	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
Cyclohexane	ND		0.010	0.0013	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
Dibromochloromethane	ND		0.0050	0.0017	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0044	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
1,2-Dibromoethane	ND		0.0050	0.0015	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
1,2-Dichlorobenzene	ND		0.0050	0.0013	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
1,3-Dichlorobenzene	ND		0.0050	0.0016	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
1,4-Dichlorobenzene	ND		0.0050	0.00075	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
Dichlorodifluoromethane	ND		0.0050	0.00095	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
1,1-Dichloroethane	ND		0.0050	0.0011	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
1,2-Dichloroethane	ND		0.0050	0.0011	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
1,1-Dichloroethene	ND		0.0050	0.0015	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
1,2-Dichloropropane	ND		0.0050	0.00087	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
1,4-Dioxane	ND		0.050	0.050	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
Ethylbenzene	ND		0.0050	0.0013	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
2-Hexanone	ND		0.025	0.0033	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
Isopropylbenzene	ND		0.0050	0.0019	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
Methyl acetate	ND		0.010	0.0050	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
Methylcyclohexane	ND		0.010	0.00087	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
Methylene Chloride	ND		0.0050	0.00099	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
4-Methyl-2-pentanone	ND		0.025	0.0042	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
Methyl tert-butyl ether	ND		0.010	0.0010	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
m-Xylene & p-Xylene	ND		0.010	0.0026	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
o-Xylene	ND		0.0050	0.0011	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
Styrene	ND		0.0050	0.00094	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
1,1,2,2-Tetrachloroethane	ND		0.0050	0.0016	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
Tetrachloroethene	ND		0.0050	0.0019	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
Toluene	ND		0.0050	0.00085	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
trans-1,2-Dichloroethene	ND		0.0050	0.00064	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
trans-1,3-Dichloropropene	ND		0.0050	0.00088	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
1,2,3-Trichlorobenzene	ND		0.0050	0.0016	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
1,2,4-Trichlorobenzene	ND		0.0050	0.00090	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
1,1,1-Trichloroethane	ND		0.0050	0.00060	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
1,1,2-Trichloroethane	ND		0.0050	0.0013	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
Trichloroethene	ND		0.0050	0.0013	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84212-1

Client Sample ID: TMW-3

Date Collected: 10/29/12 13:00
Date Received: 10/30/12 09:24

Lab Sample ID: 680-84212-1

Matrix: Solid
Percent Solids: 96.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		0.0050	0.0012	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0050	0.0013	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1
Vinyl chloride	ND		0.0050	0.0015	mg/Kg	☼	10/30/12 11:01	11/10/12 17:50	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*10/30/12 11:01*	*11/10/12 17:50*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*65 - 130*	*10/30/12 11:01*	*11/10/12 17:50*	*1*
Dibromofluoromethane	*95*		*65 - 130*	*10/30/12 11:01*	*11/10/12 17:50*	*1*
Toluene-d8 (Surr)	*94*		*65 - 130*	*10/30/12 11:01*	*11/10/12 17:50*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.34	0.042	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Acenaphthylene	ND		0.34	0.037	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Acetophenone	ND		0.34	0.029	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Anthracene	ND		0.34	0.026	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Atrazine	ND		0.34	0.024	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Benzaldehyde	ND		0.34	0.060	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Benzo[a]anthracene	ND		0.34	0.028	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Benzo[a]pyrene	ND		0.34	0.054	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Benzo[b]fluoranthene	ND		0.34	0.039	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Benzo[g,h,i]perylene	ND		0.34	0.023	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Benzo[k]fluoranthene	ND		0.34	0.067	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
1,1'-Biphenyl	ND		0.34	0.76	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Bis(2-chloroethoxy)methane	ND		0.34	0.040	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Bis(2-chloroethyl)ether	ND		0.34	0.046	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
bis (2-chloroisopropyl) ether	ND		0.34	0.031	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Bis(2-ethylhexyl) phthalate	ND		0.34	0.030	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
4-Bromophenyl phenyl ether	ND		0.34	0.037	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Butyl benzyl phthalate	ND		0.34	0.027	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Caprolactam	ND		0.34	0.068	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Carbazole	ND		0.34	0.031	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
4-Chloroaniline	ND		0.68	0.054	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
4-Chloro-3-methylphenol	ND		0.34	0.036	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
2-Chloronaphthalene	ND		0.34	0.036	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
2-Chlorophenol	ND		0.34	0.041	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
4-Chlorophenyl phenyl ether	ND		0.34	0.045	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Chrysene	ND		0.34	0.022	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Dibenz(a,h)anthracene	ND		0.34	0.040	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Dibenzofuran	ND		0.34	0.034	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
3,3'-Dichlorobenzidine	ND		0.68	0.029	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
2,4-Dichlorophenol	ND		0.34	0.036	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Diethyl phthalate	ND		0.34	0.038	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
2,4-Dimethylphenol	ND		0.34	0.045	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Dimethyl phthalate	ND		0.34	0.035	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Di-n-butyl phthalate	ND		0.34	0.031	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
4,6-Dinitro-2-methylphenol	ND		1.8	0.18	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
2,4-Dinitrophenol	ND		1.8	0.86	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84212-1

Client Sample ID: TMW-3

Date Collected: 10/29/12 13:00
Date Received: 10/30/12 09:24

Lab Sample ID: 680-84212-1

Matrix: Solid
Percent Solids: 96.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		0.34	0.051	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
2,6-Dinitrotoluene	ND		0.34	0.043	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Di-n-octyl phthalate	ND		0.34	0.030	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Fluoranthene	ND		0.34	0.033	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Fluorene	ND		0.34	0.037	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Hexachlorobenzene	ND		0.34	0.040	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Hexachlorobutadiene	ND		0.34	0.037	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Hexachlorocyclopentadiene	ND		0.34	0.042	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Hexachloroethane	ND		0.34	0.029	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Indeno[1,2,3-cd]pyrene	ND		0.34	0.029	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Isophorone	ND		0.34	0.034	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
2-Methylnaphthalene	ND		0.34	0.039	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
2-Methylphenol	ND		0.34	0.028	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
3 & 4 Methylphenol	ND		0.34	0.044	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Naphthalene	ND		0.34	0.031	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
2-Nitroaniline	ND		1.8	0.046	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
3-Nitroaniline	ND		1.8	0.047	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
4-Nitroaniline	ND		1.8	0.051	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Nitrobenzene	ND		0.34	0.027	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
2-Nitrophenol	ND		0.34	0.042	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
4-Nitrophenol	ND		1.8	0.34	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
N-Nitrosodi-n-propylamine	ND		0.34	0.033	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
N-Nitrosodiphenylamine	ND		0.34	0.034	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Pentachlorophenol	ND		1.8	0.34	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Phenanthrene	ND		0.34	0.028	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Phenol	ND		0.34	0.035	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
Pyrene	ND		0.34	0.028	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
1,2,4,5-Tetrachlorobenzene	ND		0.34	0.032	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
2,3,4,6-Tetrachlorophenol	ND		0.34	0.023	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
2,4,5-Trichlorophenol	ND		0.34	0.036	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1
2,4,6-Trichlorophenol	ND		0.34	0.030	mg/Kg	☼	10/30/12 16:46	11/13/12 19:43	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Benzene, 1-methyl-4-(1-methylethyl)-	*0.23*	*T J N*	*mg/Kg*	☼	*5.34*	*99-87-6*	*10/30/12 16:46*	*11/13/12 19:43*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*68*		*58 - 130*	*10/30/12 16:46*	*11/13/12 19:43*	*1*
2-Fluorophenol	*65*		*40 - 130*	*10/30/12 16:46*	*11/13/12 19:43*	*1*
Nitrobenzene-d5	*64*		*46 - 130*	*10/30/12 16:46*	*11/13/12 19:43*	*1*
Phenol-d5	*67*		*49 - 130*	*10/30/12 16:46*	*11/13/12 19:43*	*1*
Terphenyl-d14	*77*		*60 - 130*	*10/30/12 16:46*	*11/13/12 19:43*	*1*
2,4,6-Tribromophenol	*77*		*58 - 130*	*10/30/12 16:46*	*11/13/12 19:43*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.0	0.52	mg/Kg	☼	10/31/12 10:47	11/01/12 22:59	1
Arsenic	**0.23**	**J**	0.26	0.10	mg/Kg	☼	10/31/12 10:47	11/01/12 22:59	1
Beryllium	ND		0.052	0.026	mg/Kg	☼	10/31/12 10:47	11/01/12 22:59	1
Cadmium	ND		0.052	0.012	mg/Kg	☼	10/31/12 10:47	11/01/12 22:59	1
Chromium	**0.82**		0.52	0.26	mg/Kg	☼	10/31/12 10:47	11/01/12 22:59	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84212-1

Client Sample ID: TMW-3

Date Collected: 10/29/12 13:00
Date Received: 10/30/12 09:24

Lab Sample ID: 680-84212-1

Matrix: Solid
Percent Solids: 96.7

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		0.52	0.21	mg/Kg	☼	10/31/12 10:47	11/13/12 15:09	1
Iron	**390**	**B**	26	10	mg/Kg	☼	10/31/12 10:47	11/13/12 15:09	1
Lead	**0.59**		0.21	0.10	mg/Kg	☼	10/31/12 10:47	11/01/12 22:59	1
Manganese	**2.4**		1.0	0.52	mg/Kg	☼	10/31/12 10:47	11/01/12 22:59	1
Nickel	**0.49**	**J**	0.52	0.26	mg/Kg	☼	10/31/12 10:47	11/01/12 22:59	1
Selenium	ND		0.52	0.26	mg/Kg	☼	10/31/12 10:47	11/01/12 22:59	1
Silver	ND		0.10	0.052	mg/Kg	☼	10/31/12 10:47	11/01/12 22:59	1
Thallium	ND		0.10	0.026	mg/Kg	☼	10/31/12 10:47	11/01/12 22:59	1
Zinc	**0.93**	**J**	2.1	0.57	mg/Kg	☼	10/31/12 10:47	11/13/12 15:09	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.0080	mg/Kg	☼	10/30/12 17:48	11/06/12 20:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	**0.76**		0.31	0.13	mg/Kg	☼	10/31/12 16:21	10/31/12 19:23	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		5.2	1.6	mg/Kg	☼		11/10/12 19:52	5
Sulfate	ND		100	21	mg/Kg	☼		11/09/12 11:43	5

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84212-1

Client Sample ID: TMW-4

Date Collected: 10/29/12 13:15
Date Received: 10/30/12 09:24

Lab Sample ID: 680-84212-2

Matrix: Solid
Percent Solids: 96.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.025**	**J**	0.056	0.012	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
Benzene	ND		0.0056	0.00082	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
Bromochloromethane	ND		0.0056	0.0037	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
Bromodichloromethane	ND		0.0056	0.0011	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
Bromoform	ND		0.0056	0.0017	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
Bromomethane	ND		0.0056	0.0017	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
2-Butanone	ND		0.028	0.0027	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
Carbon disulfide	ND		0.0056	0.0012	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
Carbon tetrachloride	ND		0.0056	0.00093	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
Chlorobenzene	ND		0.0056	0.0011	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
Chloroethane	ND		0.0056	0.0030	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
Chloroform	ND		0.0056	0.0012	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
Chloromethane	ND		0.0056	0.0011	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
cis-1,2-Dichloroethene	ND		0.0056	0.0016	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
cis-1,3-Dichloropropene	ND		0.0056	0.00093	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
Cyclohexane	ND		0.011	0.0015	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
Dibromochloromethane	ND		0.0056	0.0019	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0049	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
1,2-Dibromoethane	ND		0.0056	0.0017	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
1,2-Dichlorobenzene	ND		0.0056	0.0015	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
1,3-Dichlorobenzene	ND		0.0056	0.0018	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
1,4-Dichlorobenzene	ND		0.0056	0.00083	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
Dichlorodifluoromethane	ND		0.0056	0.0011	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
1,1-Dichloroethane	ND		0.0056	0.0012	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
1,2-Dichloroethane	ND		0.0056	0.0012	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
1,1-Dichloroethene	ND		0.0056	0.0017	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
1,2-Dichloropropane	ND		0.0056	0.00097	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
1,4-Dioxane	ND		0.056	0.056	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
Ethylbenzene	ND		0.0056	0.0015	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
2-Hexanone	ND		0.028	0.0037	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
Isopropylbenzene	ND		0.0056	0.0021	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
Methyl acetate	ND		0.011	0.0056	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
Methylcyclohexane	ND		0.011	0.00097	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
Methylene Chloride	ND		0.0056	0.0011	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
4-Methyl-2-pentanone	ND		0.028	0.0047	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
Methyl tert-butyl ether	ND		0.011	0.0011	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
m-Xylene & p-Xylene	ND		0.011	0.0029	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
o-Xylene	ND		0.0056	0.0012	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
Styrene	ND		0.0056	0.0010	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
1,1,2,2-Tetrachloroethane	ND		0.0056	0.0018	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
Tetrachloroethene	ND		0.0056	0.0021	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
Toluene	**0.0011**	**J**	0.0056	0.00094	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
trans-1,2-Dichloroethene	ND		0.0056	0.00071	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
trans-1,3-Dichloropropene	ND		0.0056	0.00098	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
1,2,3-Trichlorobenzene	ND		0.0056	0.0018	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
1,2,4-Trichlorobenzene	ND		0.0056	0.0010	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
1,1,1-Trichloroethane	ND		0.0056	0.00066	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
1,1,2-Trichloroethane	ND		0.0056	0.0015	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
Trichloroethene	ND		0.0056	0.0015	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1

Client Sample ID: TMW-4
Date Collected: 10/29/12 13:15
Date Received: 10/30/12 09:24

Lab Sample ID: 680-84212-2
Matrix: Solid
Percent Solids: 96.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		0.0056	0.0013	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0056	0.0015	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1
Vinyl chloride	ND		0.0056	0.0017	mg/Kg	☼	10/30/12 11:01	11/10/12 18:13	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*10/30/12 11:01*	*11/10/12 18:13*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*65 - 130*	*10/30/12 11:01*	*11/10/12 18:13*	*1*
Dibromofluoromethane	*101*		*65 - 130*	*10/30/12 11:01*	*11/10/12 18:13*	*1*
Toluene-d8 (Surr)	*91*		*65 - 130*	*10/30/12 11:01*	*11/10/12 18:13*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.34	0.042	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Acenaphthylene	ND		0.34	0.037	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Acetophenone	ND		0.34	0.029	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Anthracene	ND		0.34	0.026	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Atrazine	ND		0.34	0.024	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Benzaldehyde	ND		0.34	0.059	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Benzo[a]anthracene	ND		0.34	0.028	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Benzo[a]pyrene	ND		0.34	0.053	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Benzo[b]fluoranthene	ND		0.34	0.039	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Benzo[g,h,i]perylene	ND		0.34	0.023	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Benzo[k]fluoranthene	ND		0.34	0.067	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
1,1'-Biphenyl	ND		0.34	0.76	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Bis(2-chloroethoxy)methane	ND		0.34	0.040	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Bis(2-chloroethyl)ether	ND		0.34	0.046	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
bis (2-chloroisopropyl) ether	ND		0.34	0.031	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Bis(2-ethylhexyl) phthalate	ND		0.34	0.030	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
4-Bromophenyl phenyl ether	ND		0.34	0.037	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Butyl benzyl phthalate	ND		0.34	0.027	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Caprolactam	ND		0.34	0.068	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Carbazole	ND		0.34	0.031	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
4-Chloroaniline	ND		0.68	0.053	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
4-Chloro-3-methylphenol	ND		0.34	0.036	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
2-Chloronaphthalene	ND		0.34	0.036	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
2-Chlorophenol	ND		0.34	0.041	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
4-Chlorophenyl phenyl ether	ND		0.34	0.045	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Chrysene	ND		0.34	0.022	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Dibenz(a,h)anthracene	ND		0.34	0.040	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Dibenzofuran	ND		0.34	0.034	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
3,3'-Dichlorobenzidine	ND		0.68	0.029	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
2,4-Dichlorophenol	ND		0.34	0.036	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Diethyl phthalate	ND		0.34	0.038	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
2,4-Dimethylphenol	ND		0.34	0.045	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Dimethyl phthalate	ND		0.34	0.035	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Di-n-butyl phthalate	ND		0.34	0.031	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
4,6-Dinitro-2-methylphenol	ND		1.7	0.17	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
2,4-Dinitrophenol	ND		1.7	0.85	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84212-1

Client Sample ID: TMW-4

Date Collected: 10/29/12 13:15
Date Received: 10/30/12 09:24

Lab Sample ID: 680-84212-2

Matrix: Solid
Percent Solids: 96.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		0.34	0.050	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
2,6-Dinitrotoluene	ND		0.34	0.043	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Di-n-octyl phthalate	ND		0.34	0.030	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Fluoranthene	ND		0.34	0.033	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Fluorene	ND		0.34	0.037	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Hexachlorobenzene	ND		0.34	0.040	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Hexachlorobutadiene	ND		0.34	0.037	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Hexachlorocyclopentadiene	ND		0.34	0.042	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Hexachloroethane	ND		0.34	0.029	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Indeno[1,2,3-cd]pyrene	ND		0.34	0.029	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Isophorone	ND		0.34	0.034	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
2-Methylnaphthalene	ND		0.34	0.039	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
2-Methylphenol	ND		0.34	0.028	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
3 & 4 Methylphenol	ND		0.34	0.044	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Naphthalene	ND		0.34	0.031	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
2-Nitroaniline	ND		1.7	0.046	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
3-Nitroaniline	ND		1.7	0.047	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
4-Nitroaniline	ND		1.7	0.050	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Nitrobenzene	ND		0.34	0.027	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
2-Nitrophenol	ND		0.34	0.042	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
4-Nitrophenol	ND		1.7	0.34	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
N-Nitrosodi-n-propylamine	ND		0.34	0.033	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
N-Nitrosodiphenylamine	ND		0.34	0.034	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Pentachlorophenol	ND		1.7	0.34	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Phenanthrene	ND		0.34	0.028	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Phenol	ND		0.34	0.035	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
Pyrene	ND		0.34	0.028	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
1,2,4,5-Tetrachlorobenzene	ND		0.34	0.032	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
2,3,4,6-Tetrachlorophenol	ND		0.34	0.023	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
2,4,5-Trichlorophenol	ND		0.34	0.036	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1
2,4,6-Trichlorophenol	ND		0.34	0.030	mg/Kg	☼	10/30/12 16:46	11/13/12 20:10	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
9-Octadecenamide, (Z)-	*0.44*	*T J N*	*mg/Kg*	☼	*13.63*	*301-02-0*	*10/30/12 16:46*	*11/13/12 20:10*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*63*		*58 - 130*	*10/30/12 16:46*	*11/13/12 20:10*	*1*
2-Fluorophenol	*62*		*40 - 130*	*10/30/12 16:46*	*11/13/12 20:10*	*1*
Nitrobenzene-d5	*60*		*46 - 130*	*10/30/12 16:46*	*11/13/12 20:10*	*1*
Phenol-d5	*65*		*49 - 130*	*10/30/12 16:46*	*11/13/12 20:10*	*1*
Terphenyl-d14	*78*		*60 - 130*	*10/30/12 16:46*	*11/13/12 20:10*	*1*
2,4,6-Tribromophenol	*75*		*58 - 130*	*10/30/12 16:46*	*11/13/12 20:10*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.98	0.49	mg/Kg	☼	10/31/12 10:47	11/01/12 23:06	1
Arsenic	**0.27**		0.25	0.098	mg/Kg	☼	10/31/12 10:47	11/01/12 23:06	1
Beryllium	ND		0.049	0.025	mg/Kg	☼	10/31/12 10:47	11/01/12 23:06	1
Cadmium	ND		0.049	0.012	mg/Kg	☼	10/31/12 10:47	11/01/12 23:06	1
Chromium	**1.0**		0.49	0.25	mg/Kg	☼	10/31/12 10:47	11/01/12 23:06	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84212-1

Client Sample ID: TMW-4

Date Collected: 10/29/12 13:15
Date Received: 10/30/12 09:24

Lab Sample ID: 680-84212-2

Matrix: Solid
Percent Solids: 96.3

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		0.49	0.20	mg/Kg	☼	10/31/12 10:47	11/13/12 15:16	1
Iron	**560**	**B**	25	9.8	mg/Kg	☼	10/31/12 10:47	11/13/12 15:16	1
Lead	**0.59**		0.20	0.098	mg/Kg	☼	10/31/12 10:47	11/01/12 23:06	1
Manganese	**1.9**		0.98	0.49	mg/Kg	☼	10/31/12 10:47	11/01/12 23:06	1
Nickel	**0.74**		0.49	0.25	mg/Kg	☼	10/31/12 10:47	11/01/12 23:06	1
Selenium	ND		0.49	0.25	mg/Kg	☼	10/31/12 10:47	11/01/12 23:06	1
Silver	ND		0.098	0.049	mg/Kg	☼	10/31/12 10:47	11/01/12 23:06	1
Thallium	ND		0.098	0.025	mg/Kg	☼	10/31/12 10:47	11/01/12 23:06	1
Zinc	**2.4**		2.0	0.54	mg/Kg	☼	10/31/12 10:47	11/13/12 15:16	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.019	0.0079	mg/Kg	☼	10/30/12 17:48	11/06/12 20:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	**0.77**		0.31	0.13	mg/Kg	☼	10/31/12 16:21	10/31/12 19:23	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		5.2	1.6	mg/Kg	☼		11/10/12 20:38	5
Sulfate	ND		100	21	mg/Kg	☼		11/09/12 12:20	5

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84212-1

Client Sample ID: TMW-5

Date Collected: 10/29/12 13:30
Date Received: 10/30/12 09:24

Lab Sample ID: 680-84212-3

Matrix: Solid
Percent Solids: 97.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.026**	**J**	0.053	0.012	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
Benzene	ND		0.0053	0.00077	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
Bromochloromethane	ND		0.0053	0.0035	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
Bromodichloromethane	ND		0.0053	0.0010	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
Bromoform	ND		0.0053	0.0016	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
Bromomethane	ND		0.0053	0.0016	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
2-Butanone	ND		0.027	0.0025	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
Carbon disulfide	ND		0.0053	0.0012	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
Carbon tetrachloride	ND		0.0053	0.00088	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
Chlorobenzene	ND		0.0053	0.0010	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
Chloroethane	ND		0.0053	0.0029	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
Chloroform	ND		0.0053	0.0012	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
Chloromethane	ND		0.0053	0.0011	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
cis-1,2-Dichloroethene	ND		0.0053	0.0015	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
cis-1,3-Dichloropropene	ND		0.0053	0.00088	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
Cyclohexane	ND		0.011	0.0014	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
Dibromochloromethane	ND		0.0053	0.0018	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0047	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
1,2-Dibromoethane	ND		0.0053	0.0016	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
1,2-Dichlorobenzene	ND		0.0053	0.0014	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
1,3-Dichlorobenzene	ND		0.0053	0.0017	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
1,4-Dichlorobenzene	ND		0.0053	0.00079	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
Dichlorodifluoromethane	ND		0.0053	0.0010	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
1,1-Dichloroethane	ND		0.0053	0.0012	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
1,2-Dichloroethane	ND		0.0053	0.0012	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
1,1-Dichloroethene	ND		0.0053	0.0016	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
1,2-Dichloropropane	ND		0.0053	0.00091	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
1,4-Dioxane	ND		0.053	0.053	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
Ethylbenzene	ND		0.0053	0.0014	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
2-Hexanone	ND		0.027	0.0035	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
Isopropylbenzene	ND		0.0053	0.0020	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
Methyl acetate	ND		0.011	0.0053	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
Methylcyclohexane	ND		0.011	0.00091	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
Methylene Chloride	ND		0.0053	0.0010	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
4-Methyl-2-pentanone	ND		0.027	0.0045	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
Methyl tert-butyl ether	ND		0.011	0.0011	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
m-Xylene & p-Xylene	ND		0.011	0.0028	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
o-Xylene	ND		0.0053	0.0012	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
Styrene	ND		0.0053	0.00099	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
1,1,2,2-Tetrachloroethane	ND		0.0053	0.0017	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
Tetrachloroethene	ND		0.0053	0.0020	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
Toluene	**0.0013**	**J**	0.0053	0.00089	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
trans-1,2-Dichloroethene	ND		0.0053	0.00067	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
trans-1,3-Dichloropropene	ND		0.0053	0.00092	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
1,2,3-Trichlorobenzene	ND		0.0053	0.0017	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
1,2,4-Trichlorobenzene	ND		0.0053	0.00094	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
1,1,1-Trichloroethane	ND		0.0053	0.00063	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
1,1,2-Trichloroethane	ND		0.0053	0.0014	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
Trichloroethene	ND		0.0053	0.0014	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1

Client Sample ID: TMW-5

Date Collected: 10/29/12 13:30
Date Received: 10/30/12 09:24

Lab Sample ID: 680-84212-3
Matrix: Solid
Percent Solids: 97.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		0.0053	0.0013	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0053	0.0014	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1
Vinyl chloride	ND		0.0053	0.0016	mg/Kg	☼	10/30/12 11:01	11/10/12 18:35	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*10/30/12 11:01*	*11/10/12 18:35*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*82*		*65 - 130*	*10/30/12 11:01*	*11/10/12 18:35*	*1*
Dibromofluoromethane	*96*		*65 - 130*	*10/30/12 11:01*	*11/10/12 18:35*	*1*
Toluene-d8 (Surr)	*91*		*65 - 130*	*10/30/12 11:01*	*11/10/12 18:35*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.34	0.042	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Acenaphthylene	ND		0.34	0.037	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Acetophenone	ND		0.34	0.029	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Anthracene	ND		0.34	0.026	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Atrazine	ND		0.34	0.024	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Benzaldehyde	ND		0.34	0.060	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Benzo[a]anthracene	ND		0.34	0.028	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Benzo[a]pyrene	ND		0.34	0.053	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Benzo[b]fluoranthene	ND		0.34	0.039	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Benzo[g,h,i]perylene	ND		0.34	0.023	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Benzo[k]fluoranthene	ND		0.34	0.067	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
1,1'-Biphenyl	ND		0.34	0.76	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Bis(2-chloroethoxy)methane	ND		0.34	0.040	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Bis(2-chloroethyl)ether	ND		0.34	0.046	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
bis (2-chloroisopropyl) ether	ND		0.34	0.031	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Bis(2-ethylhexyl) phthalate	ND		0.34	0.030	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
4-Bromophenyl phenyl ether	ND		0.34	0.037	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Butyl benzyl phthalate	ND		0.34	0.027	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Caprolactam	ND		0.34	0.068	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Carbazole	ND		0.34	0.031	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
4-Chloroaniline	ND		0.68	0.053	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
4-Chloro-3-methylphenol	ND		0.34	0.036	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
2-Chloronaphthalene	ND		0.34	0.036	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
2-Chlorophenol	ND		0.34	0.041	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
4-Chlorophenyl phenyl ether	ND		0.34	0.045	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Chrysene	ND		0.34	0.022	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Dibenz(a,h)anthracene	ND		0.34	0.040	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Dibenzofuran	ND		0.34	0.034	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
3,3'-Dichlorobenzidine	ND		0.68	0.029	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
2,4-Dichlorophenol	ND		0.34	0.036	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Diethyl phthalate	ND		0.34	0.038	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
2,4-Dimethylphenol	ND		0.34	0.045	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Dimethyl phthalate	ND		0.34	0.035	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Di-n-butyl phthalate	ND		0.34	0.031	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
4,6-Dinitro-2-methylphenol	ND		1.7	0.17	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
2,4-Dinitrophenol	ND		1.7	0.85	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84212-1

Client Sample ID: TMW-5

Date Collected: 10/29/12 13:30
Date Received: 10/30/12 09:24

Lab Sample ID: 680-84212-3

Matrix: Solid
Percent Solids: 97.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		0.34	0.050	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
2,6-Dinitrotoluene	ND		0.34	0.043	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Di-n-octyl phthalate	ND		0.34	0.030	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Fluoranthene	ND		0.34	0.033	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Fluorene	ND		0.34	0.037	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Hexachlorobenzene	ND		0.34	0.040	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Hexachlorobutadiene	ND		0.34	0.037	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Hexachlorocyclopentadiene	ND		0.34	0.042	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Hexachloroethane	ND		0.34	0.029	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Indeno[1,2,3-cd]pyrene	ND		0.34	0.029	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Isophorone	ND		0.34	0.034	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
2-Methylnaphthalene	ND		0.34	0.039	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
2-Methylphenol	ND		0.34	0.028	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
3 & 4 Methylphenol	ND		0.34	0.044	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Naphthalene	ND		0.34	0.031	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
2-Nitroaniline	ND		1.7	0.046	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
3-Nitroaniline	ND		1.7	0.047	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
4-Nitroaniline	ND		1.7	0.050	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Nitrobenzene	ND		0.34	0.027	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
2-Nitrophenol	ND		0.34	0.042	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
4-Nitrophenol	ND		1.7	0.34	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
N-Nitrosodi-n-propylamine	ND		0.34	0.033	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
N-Nitrosodiphenylamine	ND		0.34	0.034	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Pentachlorophenol	ND		1.7	0.34	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Phenanthrene	ND		0.34	0.028	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Phenol	ND		0.34	0.035	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
Pyrene	ND		0.34	0.028	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
1,2,4,5-Tetrachlorobenzene	ND		0.34	0.032	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
2,3,4,6-Tetrachlorophenol	ND		0.34	0.023	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
2,4,5-Trichlorophenol	ND		0.34	0.036	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1
2,4,6-Trichlorophenol	ND		0.34	0.030	mg/Kg	☼	10/30/12 16:46	11/13/12 20:38	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Oleic Acid	*0.41*	*T J N*	*mg/Kg*	☼	*11.34*	*112-80-1*	*10/30/12 16:46*	*11/13/12 20:38*	*1*
9-Octadecenamide, (Z)-	*0.90*	*T J N*	*mg/Kg*	☼	*13.63*	*301-02-0*	*10/30/12 16:46*	*11/13/12 20:38*	*1*
Stigmast-4-en-3-one	*0.27*	*T J N*	*mg/Kg*	☼	*17.03*	*1058-61-3*	*10/30/12 16:46*	*11/13/12 20:38*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*63*		*58 - 130*	*10/30/12 16:46*	*11/13/12 20:38*	*1*
2-Fluorophenol	*61*		*40 - 130*	*10/30/12 16:46*	*11/13/12 20:38*	*1*
Nitrobenzene-d5	*58*		*46 - 130*	*10/30/12 16:46*	*11/13/12 20:38*	*1*
Phenol-d5	*63*		*49 - 130*	*10/30/12 16:46*	*11/13/12 20:38*	*1*
Terphenyl-d14	*78*		*60 - 130*	*10/30/12 16:46*	*11/13/12 20:38*	*1*
2,4,6-Tribromophenol	*75*		*58 - 130*	*10/30/12 16:46*	*11/13/12 20:38*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.0	0.50	mg/Kg	☼	10/31/12 10:47	11/01/12 23:14	1
Arsenic	**0.46**		0.25	0.10	mg/Kg	☼	10/31/12 10:47	11/01/12 23:14	1
Beryllium	ND		0.050	0.025	mg/Kg	☼	10/31/12 10:47	11/01/12 23:14	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84212-1

Client Sample ID: TMW-5

Date Collected: 10/29/12 13:30
Date Received: 10/30/12 09:24

Lab Sample ID: 680-84212-3

Matrix: Solid
Percent Solids: 97.1

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.025	J	0.050	0.012	mg/Kg	☼	10/31/12 10:47	11/01/12 23:14	1
Chromium	1.6		0.50	0.25	mg/Kg	☼	10/31/12 10:47	11/01/12 23:14	1
Copper	0.97	B	0.50	0.20	mg/Kg	☼	10/31/12 10:47	11/13/12 15:39	1
Iron	640	B	25	10	mg/Kg	☼	10/31/12 10:47	11/13/12 15:39	1
Lead	2.9		0.20	0.10	mg/Kg	☼	10/31/12 10:47	11/01/12 23:14	1
Manganese	6.1		1.0	0.50	mg/Kg	☼	10/31/12 10:47	11/01/12 23:14	1
Nickel	0.72		0.50	0.25	mg/Kg	☼	10/31/12 10:47	11/01/12 23:14	1
Selenium	ND		0.50	0.25	mg/Kg	☼	10/31/12 10:47	11/01/12 23:14	1
Silver	ND		0.10	0.050	mg/Kg	☼	10/31/12 10:47	11/01/12 23:14	1
Thallium	ND		0.10	0.025	mg/Kg	☼	10/31/12 10:47	11/01/12 23:14	1
Zinc	7.0		2.0	0.55	mg/Kg	☼	10/31/12 10:47	11/13/12 15:39	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.019	0.0078	mg/Kg	☼	10/30/12 17:48	11/06/12 20:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	2.0		0.31	0.13	mg/Kg	☼	10/31/12 16:21	10/31/12 19:23	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		5.1	1.5	mg/Kg	☼		11/10/12 20:54	5
Sulfate	ND		100	21	mg/Kg	☼		11/09/12 12:32	5

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84212-1

Client Sample ID: TMW-6

Date Collected: 10/29/12 13:45
Date Received: 10/30/12 09:24

Lab Sample ID: 680-84212-4

Matrix: Solid
Percent Solids: 84.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.051	0.011	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
Benzene	ND		0.0051	0.00074	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
Bromochloromethane	ND		0.0051	0.0034	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
Bromodichloromethane	ND		0.0051	0.00099	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
Bromoform	ND		0.0051	0.0015	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
Bromomethane	ND		0.0051	0.0015	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
2-Butanone	ND		0.025	0.0024	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
Carbon disulfide	ND		0.0051	0.0011	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
Carbon tetrachloride	ND		0.0051	0.00085	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
Chlorobenzene	ND		0.0051	0.00098	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
Chloroethane	ND		0.0051	0.0028	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
Chloroform	ND		0.0051	0.0011	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
Chloromethane	ND		0.0051	0.0010	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
cis-1,2-Dichloroethene	ND		0.0051	0.0014	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
cis-1,3-Dichloropropene	ND		0.0051	0.00085	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
Cyclohexane	ND		0.010	0.0013	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
Dibromochloromethane	ND		0.0051	0.0017	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0045	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
1,2-Dibromoethane	ND		0.0051	0.0015	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
1,2-Dichlorobenzene	ND		0.0051	0.0013	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
1,3-Dichlorobenzene	ND		0.0051	0.0016	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
1,4-Dichlorobenzene	ND		0.0051	0.00075	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
Dichlorodifluoromethane	ND		0.0051	0.00096	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
1,1-Dichloroethane	ND		0.0051	0.0011	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
1,2-Dichloroethane	ND		0.0051	0.0011	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
1,1-Dichloroethene	ND		0.0051	0.0015	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
1,2-Dichloropropane	ND		0.0051	0.00088	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
1,4-Dioxane	ND		0.051	0.051	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
Ethylbenzene	ND		0.0051	0.0013	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
2-Hexanone	ND		0.025	0.0034	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
Isopropylbenzene	ND		0.0051	0.0019	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
Methyl acetate	ND		0.010	0.0051	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
Methylcyclohexane	ND		0.010	0.00088	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
Methylene Chloride	ND		0.0051	0.0010	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
4-Methyl-2-pentanone	ND		0.025	0.0043	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
Methyl tert-butyl ether	ND		0.010	0.0010	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
m-Xylene & p-Xylene	ND		0.010	0.0026	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
o-Xylene	ND		0.0051	0.0011	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
Styrene	ND		0.0051	0.00095	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
1,1,2,2-Tetrachloroethane	ND		0.0051	0.0016	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
Tetrachloroethene	ND		0.0051	0.0019	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
Toluene	**0.0010**	**J**	0.0051	0.00086	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
trans-1,2-Dichloroethene	ND		0.0051	0.00064	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
trans-1,3-Dichloropropene	ND		0.0051	0.00089	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
1,2,3-Trichlorobenzene	ND		0.0051	0.0016	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
1,2,4-Trichlorobenzene	ND		0.0051	0.00091	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
1,1,1-Trichloroethane	ND		0.0051	0.00060	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
1,1,2-Trichloroethane	ND		0.0051	0.0013	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
Trichloroethene	ND		0.0051	0.0013	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84212-1

Client Sample ID: TMW-6

Date Collected: 10/29/12 13:45
Date Received: 10/30/12 09:24

Lab Sample ID: 680-84212-4

Matrix: Solid
Percent Solids: 84.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		0.0051	0.0012	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0051	0.0013	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1
Vinyl chloride	ND		0.0051	0.0015	mg/Kg	☼	10/30/12 11:01	11/10/12 18:57	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*10/30/12 11:01*	*11/10/12 18:57*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*65 - 130*	*10/30/12 11:01*	*11/10/12 18:57*	*1*
Dibromofluoromethane	*94*		*65 - 130*	*10/30/12 11:01*	*11/10/12 18:57*	*1*
Toluene-d8 (Surr)	*89*		*65 - 130*	*10/30/12 11:01*	*11/10/12 18:57*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.39	0.048	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Acenaphthylene	ND		0.39	0.042	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Acetophenone	ND		0.39	0.033	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Anthracene	ND		0.39	0.029	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Atrazine	ND		0.39	0.027	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Benzaldehyde	ND		0.39	0.068	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Benzo[a]anthracene	ND		0.39	0.032	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Benzo[a]pyrene	ND		0.39	0.061	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Benzo[b]fluoranthene	ND		0.39	0.044	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Benzo[g,h,i]perylene	ND		0.39	0.026	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Benzo[k]fluoranthene	ND		0.39	0.076	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
1,1'-Biphenyl	ND		0.39	0.87	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Bis(2-chloroethoxy)methane	ND		0.39	0.046	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Bis(2-chloroethyl)ether	ND		0.39	0.053	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
bis (2-chloroisopropyl) ether	ND		0.39	0.035	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Bis(2-ethylhexyl) phthalate	ND		0.39	0.034	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
4-Bromophenyl phenyl ether	ND		0.39	0.042	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Butyl benzyl phthalate	ND		0.39	0.030	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Caprolactam	ND		0.39	0.077	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Carbazole	ND		0.39	0.035	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
4-Chloroaniline	ND		0.77	0.061	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
4-Chloro-3-methylphenol	ND		0.39	0.041	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
2-Chloronaphthalene	ND		0.39	0.041	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
2-Chlorophenol	ND		0.39	0.047	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
4-Chlorophenyl phenyl ether	ND		0.39	0.051	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Chrysene	ND		0.39	0.025	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Dibenz(a,h)anthracene	ND		0.39	0.046	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Dibenzofuran	ND		0.39	0.039	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
3,3'-Dichlorobenzidine	ND		0.77	0.033	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
2,4-Dichlorophenol	ND		0.39	0.041	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Diethyl phthalate	ND		0.39	0.043	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
2,4-Dimethylphenol	ND		0.39	0.051	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Dimethyl phthalate	ND		0.39	0.040	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Di-n-butyl phthalate	ND		0.39	0.035	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
4,6-Dinitro-2-methylphenol	ND		2.0	0.20	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
2,4-Dinitrophenol	ND		2.0	0.97	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84212-1

Client Sample ID: TMW-6

Date Collected: 10/29/12 13:45
Date Received: 10/30/12 09:24

Lab Sample ID: 680-84212-4

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
2,4-Dinitrotoluene	ND		0.39	0.057	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
2,6-Dinitrotoluene	ND		0.39	0.049	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Di-n-octyl phthalate	ND		0.39	0.034	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Fluoranthene	ND		0.39	0.037	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Fluorene	ND		0.39	0.042	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Hexachlorobenzene	ND		0.39	0.046	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Hexachlorobutadiene	ND		0.39	0.042	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Hexachlorocyclopentadiene	ND		0.39	0.048	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Hexachloroethane	ND		0.39	0.033	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Indeno[1,2,3-cd]pyrene	ND		0.39	0.033	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Isophorone	ND		0.39	0.039	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
2-Methylnaphthalene	ND		0.39	0.044	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
2-Methylphenol	ND		0.39	0.032	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
3 & 4 Methylphenol	ND		0.39	0.050	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Naphthalene	ND		0.39	0.035	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
2-Nitroaniline	ND		2.0	0.053	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
3-Nitroaniline	ND		2.0	0.054	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
4-Nitroaniline	ND		2.0	0.057	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Nitrobenzene	ND		0.39	0.030	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
2-Nitrophenol	ND		0.39	0.048	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
4-Nitrophenol	ND		2.0	0.39	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
N-Nitrosodi-n-propylamine	ND		0.39	0.037	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
N-Nitrosodiphenylamine	ND		0.39	0.039	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Pentachlorophenol	ND		2.0	0.39	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Phenanthrene	ND		0.39	0.032	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Phenol	ND		0.39	0.040	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
Pyrene	ND		0.39	0.032	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
1,2,4,5-Tetrachlorobenzene	ND		0.39	0.036	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
2,3,4,6-Tetrachlorophenol	ND		0.39	0.026	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
2,4,5-Trichlorophenol	ND		0.39	0.041	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1
2,4,6-Trichlorophenol	ND		0.39	0.034	mg/Kg	☼	10/30/12 16:46	11/13/12 21:05	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Oleic Acid	*0.39*	*T J N*	*mg/Kg*	☼	*11.33*	*112-80-1*	*10/30/12 16:46*	*11/13/12 21:05*	*1*
9-Octadecenamide, (Z)-	*0.21*	*T J N*	*mg/Kg*	☼	*13.62*	*301-02-0*	*10/30/12 16:46*	*11/13/12 21:05*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*64*		*58 - 130*	*10/30/12 16:46*	*11/13/12 21:05*	*1*
2-Fluorophenol	*64*		*40 - 130*	*10/30/12 16:46*	*11/13/12 21:05*	*1*
Nitrobenzene-d5	*67*		*46 - 130*	*10/30/12 16:46*	*11/13/12 21:05*	*1*
Phenol-d5	*68*		*49 - 130*	*10/30/12 16:46*	*11/13/12 21:05*	*1*
Terphenyl-d14	*74*		*60 - 130*	*10/30/12 16:46*	*11/13/12 21:05*	*1*
2,4,6-Tribromophenol	*75*		*58 - 130*	*10/30/12 16:46*	*11/13/12 21:05*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.2	0.59	mg/Kg	☼	10/31/12 10:47	11/01/12 23:21	1
Arsenic	**0.16**	**J**	0.29	0.12	mg/Kg	☼	10/31/12 10:47	11/01/12 23:21	1
Beryllium	ND		0.059	0.029	mg/Kg	☼	10/31/12 10:47	11/01/12 23:21	1
Cadmium	ND		0.059	0.014	mg/Kg	☼	10/31/12 10:47	11/01/12 23:21	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84212-1

Client Sample ID: TMW-6

Date Collected: 10/29/12 13:45
Date Received: 10/30/12 09:24

Lab Sample ID: 680-84212-4

Matrix: Solid
Percent Solids: 84.6

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.34**	**J**	0.59	0.29	mg/Kg	☼	10/31/12 10:47	11/01/12 23:21	1
Copper	ND		0.59	0.23	mg/Kg	☼	10/31/12 10:47	11/13/12 15:46	1
Iron	**67**	**B**	29	12	mg/Kg	☼	10/31/12 10:47	11/13/12 15:46	1
Lead	**0.70**		0.23	0.12	mg/Kg	☼	10/31/12 10:47	11/01/12 23:21	1
Manganese	**0.91**	**J**	1.2	0.59	mg/Kg	☼	10/31/12 10:47	11/01/12 23:21	1
Nickel	ND		0.59	0.29	mg/Kg	☼	10/31/12 10:47	11/01/12 23:21	1
Selenium	ND		0.59	0.29	mg/Kg	☼	10/31/12 10:47	11/01/12 23:21	1
Silver	ND		0.12	0.059	mg/Kg	☼	10/31/12 10:47	11/01/12 23:21	1
Thallium	ND		0.12	0.029	mg/Kg	☼	10/31/12 10:47	11/01/12 23:21	1
Zinc	**0.97**	**J**	2.3	0.64	mg/Kg	☼	10/31/12 10:47	11/13/12 15:46	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.023	0.0093	mg/Kg	☼	10/30/12 17:48	11/06/12 20:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	**0.88**		0.35	0.15	mg/Kg	☼	10/31/12 16:21	10/31/12 19:23	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		5.8	1.7	mg/Kg	☼		11/10/12 21:09	5
Sulfate	ND		120	24	mg/Kg	☼		11/09/12 12:45	5

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

Lab Sample ID: MB 680-255968/6
Matrix: Solid
Analysis Batch: 255968

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.050	0.011	mg/Kg			11/10/12 11:30	1
Benzene	ND		0.0050	0.00073	mg/Kg			11/10/12 11:30	1
Bromochloromethane	ND		0.0050	0.0033	mg/Kg			11/10/12 11:30	1
Bromodichloromethane	ND		0.0050	0.00097	mg/Kg			11/10/12 11:30	1
Bromoform	ND		0.0050	0.0015	mg/Kg			11/10/12 11:30	1
Bromomethane	ND		0.0050	0.0015	mg/Kg			11/10/12 11:30	1
2-Butanone	ND		0.025	0.0024	mg/Kg			11/10/12 11:30	1
Carbon disulfide	ND		0.0050	0.0011	mg/Kg			11/10/12 11:30	1
Carbon tetrachloride	ND		0.0050	0.00083	mg/Kg			11/10/12 11:30	1
Chlorobenzene	ND		0.0050	0.00096	mg/Kg			11/10/12 11:30	1
Chloroethane	ND		0.0050	0.0027	mg/Kg			11/10/12 11:30	1
Chloroform	ND		0.0050	0.0011	mg/Kg			11/10/12 11:30	1
Chloromethane	ND		0.0050	0.0010	mg/Kg			11/10/12 11:30	1
cis-1,2-Dichloroethene	ND		0.0050	0.0014	mg/Kg			11/10/12 11:30	1
cis-1,3-Dichloropropene	ND		0.0050	0.00083	mg/Kg			11/10/12 11:30	1
Cyclohexane	ND		0.010	0.0013	mg/Kg			11/10/12 11:30	1
Dibromochloromethane	ND		0.0050	0.0017	mg/Kg			11/10/12 11:30	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0044	mg/Kg			11/10/12 11:30	1
1,2-Dibromoethane	ND		0.0050	0.0015	mg/Kg			11/10/12 11:30	1
1,2-Dichlorobenzene	ND		0.0050	0.0013	mg/Kg			11/10/12 11:30	1
1,3-Dichlorobenzene	ND		0.0050	0.0016	mg/Kg			11/10/12 11:30	1
1,4-Dichlorobenzene	ND		0.0050	0.00074	mg/Kg			11/10/12 11:30	1
Dichlorodifluoromethane	ND		0.0050	0.00094	mg/Kg			11/10/12 11:30	1
1,1-Dichloroethane	ND		0.0050	0.0011	mg/Kg			11/10/12 11:30	1
1,2-Dichloroethane	ND		0.0050	0.0011	mg/Kg			11/10/12 11:30	1
1,1-Dichloroethene	ND		0.0050	0.0015	mg/Kg			11/10/12 11:30	1
1,2-Dichloropropane	ND		0.0050	0.00086	mg/Kg			11/10/12 11:30	1
1,4-Dioxane	ND		0.050	0.050	mg/Kg			11/10/12 11:30	1
Ethylbenzene	ND		0.0050	0.0013	mg/Kg			11/10/12 11:30	1
2-Hexanone	ND		0.025	0.0033	mg/Kg			11/10/12 11:30	1
Isopropylbenzene	ND		0.0050	0.0019	mg/Kg			11/10/12 11:30	1
Methyl acetate	ND		0.010	0.0050	mg/Kg			11/10/12 11:30	1
Methylcyclohexane	ND		0.010	0.00086	mg/Kg			11/10/12 11:30	1
Methylene Chloride	ND		0.0050	0.00098	mg/Kg			11/10/12 11:30	1
4-Methyl-2-pentanone	ND		0.025	0.0042	mg/Kg			11/10/12 11:30	1
Methyl tert-butyl ether	ND		0.010	0.0010	mg/Kg			11/10/12 11:30	1
m-Xylene & p-Xylene	ND		0.010	0.0026	mg/Kg			11/10/12 11:30	1
o-Xylene	ND		0.0050	0.0011	mg/Kg			11/10/12 11:30	1
Styrene	ND		0.0050	0.00093	mg/Kg			11/10/12 11:30	1
1,1,2,2-Tetrachloroethane	ND		0.0050	0.0016	mg/Kg			11/10/12 11:30	1
Tetrachloroethene	ND		0.0050	0.0019	mg/Kg			11/10/12 11:30	1
Toluene	ND		0.0050	0.00084	mg/Kg			11/10/12 11:30	1
trans-1,2-Dichloroethene	ND		0.0050	0.00063	mg/Kg			11/10/12 11:30	1
trans-1,3-Dichloropropene	ND		0.0050	0.00087	mg/Kg			11/10/12 11:30	1
1,2,3-Trichlorobenzene	ND		0.0050	0.0016	mg/Kg			11/10/12 11:30	1
1,2,4-Trichlorobenzene	ND		0.0050	0.00089	mg/Kg			11/10/12 11:30	1
1,1,1-Trichloroethane	ND		0.0050	0.00059	mg/Kg			11/10/12 11:30	1
1,1,2-Trichloroethane	ND		0.0050	0.0013	mg/Kg			11/10/12 11:30	1

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

Lab Sample ID: MB 680-255968/6
Matrix: Solid
Analysis Batch: 255968

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.0050	0.0013	mg/Kg			11/10/12 11:30	1
Trichlorofluoromethane	ND		0.0050	0.0012	mg/Kg			11/10/12 11:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0050	0.0013	mg/Kg			11/10/12 11:30	1
Vinyl chloride	ND		0.0050	0.0015	mg/Kg			11/10/12 11:30	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*					*11/10/12 11:30*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*65 - 130*		*11/10/12 11:30*	*1*
Dibromofluoromethane	*99*		*65 - 130*		*11/10/12 11:30*	*1*
Toluene-d8 (Surr)	*93*		*65 - 130*		*11/10/12 11:30*	*1*

Lab Sample ID: LCS 680-255968/3
Matrix: Solid
Analysis Batch: 255968

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	0.100	0.105		mg/Kg		105	42 - 130
Benzene	0.0500	0.0461		mg/Kg		92	70 - 130
Bromochloromethane	0.0500	0.0423		mg/Kg		85	64 - 130
Bromodichloromethane	0.0500	0.0500		mg/Kg		100	70 - 130
Bromoform	0.0500	0.0487		mg/Kg		97	70 - 130
Bromomethane	0.0500	0.0466		mg/Kg		93	44 - 130
2-Butanone	0.100	0.111		mg/Kg		111	70 - 130
Carbon disulfide	0.0500	0.0413		mg/Kg		83	40 - 136
Carbon tetrachloride	0.0500	0.0490		mg/Kg		98	68 - 130
Chlorobenzene	0.0500	0.0452		mg/Kg		90	70 - 130
Chloroethane	0.0500	0.0448		mg/Kg		90	36 - 150
Chloroform	0.0500	0.0443		mg/Kg		89	70 - 130
Chloromethane	0.0500	0.0408		mg/Kg		82	62 - 135
cis-1,2-Dichloroethene	0.0500	0.0440		mg/Kg		88	70 - 130
cis-1,3-Dichloropropene	0.0500	0.0485		mg/Kg		97	70 - 130
Cyclohexane	0.0500	0.0453		mg/Kg		91	70 - 130
Dibromochloromethane	0.0500	0.0456		mg/Kg		91	70 - 130
1,2-Dibromo-3-Chloropropane	0.0500	0.0474		mg/Kg		95	67 - 130
1,2-Dibromoethane	0.0500	0.0482		mg/Kg		96	70 - 130
1,2-Dichlorobenzene	0.0500	0.0468		mg/Kg		94	70 - 130
1,3-Dichlorobenzene	0.0500	0.0466		mg/Kg		93	70 - 130
1,4-Dichlorobenzene	0.0500	0.0471		mg/Kg		94	70 - 130
Dichlorodifluoromethane	0.0500	0.0413		mg/Kg		83	41 - 137
1,1-Dichloroethane	0.0500	0.0428		mg/Kg		86	70 - 130
1,2-Dichloroethane	0.0500	0.0481		mg/Kg		96	66 - 130
1,1-Dichloroethene	0.0500	0.0444		mg/Kg		89	69 - 130
1,2-Dichloropropane	0.0500	0.0450		mg/Kg		90	70 - 130
Ethylbenzene	0.0500	0.0445		mg/Kg		89	70 - 130
2-Hexanone	0.100	0.103		mg/Kg		103	65 - 130

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

Lab Sample ID: LCS 680-255968/3
Matrix: Solid
Analysis Batch: 255968

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Isopropylbenzene	0.0500	0.0453		mg/Kg		91	70 - 130
Methyl acetate	0.0500	0.0391		mg/Kg		78	52 - 134
Methylcyclohexane	0.0500	0.0470		mg/Kg		94	70 - 130
Methylene Chloride	0.0500	0.0443		mg/Kg		89	52 - 135
4-Methyl-2-pentanone	0.100	0.0913		mg/Kg		91	64 - 130
Methyl tert-butyl ether	0.100	0.0893		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	0.100	0.0899		mg/Kg		90	70 - 130
o-Xylene	0.0500	0.0449		mg/Kg		90	70 - 130
Styrene	0.0500	0.0456		mg/Kg		91	70 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.0436		mg/Kg		87	70 - 130
Tetrachloroethene	0.0500	0.0468		mg/Kg		94	70 - 130
Toluene	0.0500	0.0479		mg/Kg		96	70 - 130
trans-1,2-Dichloroethene	0.0500	0.0439		mg/Kg		88	70 - 130
trans-1,3-Dichloropropene	0.0500	0.0473		mg/Kg		95	69 - 130
1,2,3-Trichlorobenzene	0.0500	0.0536		mg/Kg		107	68 - 130
1,2,4-Trichlorobenzene	0.0500	0.0484		mg/Kg		97	68 - 130
1,1,1-Trichloroethane	0.0500	0.0500		mg/Kg		100	69 - 130
1,1,2-Trichloroethane	0.0500	0.0481		mg/Kg		96	70 - 130
Trichloroethene	0.0500	0.0456		mg/Kg		91	70 - 130
Trichlorofluoromethane	0.0500	0.0468		mg/Kg		94	68 - 130
1,1,2-Trichloro-1,2,2-trifluoroetha ne	0.0500	0.0432		mg/Kg		86	70 - 130
Vinyl chloride	0.0500	0.0429		mg/Kg		86	65 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*65 - 130*
Dibromofluoromethane	*93*		*65 - 130*
Toluene-d8 (Surr)	*99*		*65 - 130*

Lab Sample ID: LCSD 680-255968/4
Matrix: Solid
Analysis Batch: 255968

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	0.100	0.102		mg/Kg		102	42 - 130	3	50
Benzene	0.0500	0.0471		mg/Kg		94	70 - 130	2	50
Bromochloromethane	0.0500	0.0444		mg/Kg		89	64 - 130	5	50
Bromodichloromethane	0.0500	0.0509		mg/Kg		102	70 - 130	2	50
Bromoform	0.0500	0.0492		mg/Kg		98	70 - 130	1	50
Bromomethane	0.0500	0.0483		mg/Kg		97	44 - 130	4	50
2-Butanone	0.100	0.112		mg/Kg		112	70 - 130	1	50
Carbon disulfide	0.0500	0.0423		mg/Kg		85	40 - 136	2	50
Carbon tetrachloride	0.0500	0.0504		mg/Kg		101	68 - 130	3	50
Chlorobenzene	0.0500	0.0471		mg/Kg		94	70 - 130	4	50
Chloroethane	0.0500	0.0461		mg/Kg		92	36 - 150	3	50
Chloroform	0.0500	0.0477		mg/Kg		95	70 - 130	8	50
Chloromethane	0.0500	0.0412		mg/Kg		82	62 - 135	1	50
cis-1,2-Dichloroethene	0.0500	0.0453		mg/Kg		91	70 - 130	3	50

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

Lab Sample ID: LCSD 680-255968/4
Matrix: Solid
Analysis Batch: 255968

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.0500	0.0492		mg/Kg		98	70 - 130	1	50
Cyclohexane	0.0500	0.0467		mg/Kg		93	70 - 130	3	50
Dibromochloromethane	0.0500	0.0459		mg/Kg		92	70 - 130	1	50
1,2-Dibromo-3-Chloropropane	0.0500	0.0520		mg/Kg		104	67 - 130	9	50
1,2-Dibromoethane	0.0500	0.0504		mg/Kg		101	70 - 130	5	50
1,2-Dichlorobenzene	0.0500	0.0484		mg/Kg		97	70 - 130	3	50
1,3-Dichlorobenzene	0.0500	0.0473		mg/Kg		95	70 - 130	2	50
1,4-Dichlorobenzene	0.0500	0.0479		mg/Kg		96	70 - 130	2	50
Dichlorodifluoromethane	0.0500	0.0436		mg/Kg		87	41 - 137	6	50
1,1-Dichloroethane	0.0500	0.0434		mg/Kg		87	70 - 130	1	50
1,2-Dichloroethane	0.0500	0.0492		mg/Kg		98	66 - 130	2	50
1,1-Dichloroethene	0.0500	0.0452		mg/Kg		90	69 - 130	2	50
1,2-Dichloropropane	0.0500	0.0466		mg/Kg		93	70 - 130	3	50
Ethylbenzene	0.0500	0.0462		mg/Kg		92	70 - 130	4	50
2-Hexanone	0.100	0.106		mg/Kg		106	65 - 130	3	50
Isopropylbenzene	0.0500	0.0459		mg/Kg		92	70 - 130	1	50
Methyl acetate	0.0500	0.0419		mg/Kg		84	52 - 134	7	50
Methylcyclohexane	0.0500	0.0484		mg/Kg		97	70 - 130	3	50
Methylene Chloride	0.0500	0.0446		mg/Kg		89	52 - 135	1	50
4-Methyl-2-pentanone	0.100	0.0914		mg/Kg		91	64 - 130	0	50
Methyl tert-butyl ether	0.100	0.0909		mg/Kg		91	70 - 130	2	50
m-Xylene & p-Xylene	0.100	0.0918		mg/Kg		92	70 - 130	2	50
o-Xylene	0.0500	0.0471		mg/Kg		94	70 - 130	5	50
Styrene	0.0500	0.0467		mg/Kg		93	70 - 130	2	50
1,1,2,2-Tetrachloroethane	0.0500	0.0453		mg/Kg		91	70 - 130	4	50
Tetrachloroethene	0.0500	0.0492		mg/Kg		98	70 - 130	5	50
Toluene	0.0500	0.0478		mg/Kg		96	70 - 130	0	50
trans-1,2-Dichloroethene	0.0500	0.0465		mg/Kg		93	70 - 130	6	50
trans-1,3-Dichloropropene	0.0500	0.0515		mg/Kg		103	69 - 130	8	50
1,2,3-Trichlorobenzene	0.0500	0.0543		mg/Kg		109	68 - 130	1	50
1,2,4-Trichlorobenzene	0.0500	0.0501		mg/Kg		100	68 - 130	4	50
1,1,1-Trichloroethane	0.0500	0.0526		mg/Kg		105	69 - 130	5	50
1,1,2-Trichloroethane	0.0500	0.0495		mg/Kg		99	70 - 130	3	50
Trichloroethene	0.0500	0.0481		mg/Kg		96	70 - 130	5	50
Trichlorofluoromethane	0.0500	0.0484		mg/Kg		97	68 - 130	3	50
1,1,2-Trichloro-1,2,2-trifluoroetha ne	0.0500	0.0462		mg/Kg		92	70 - 130	7	50
Vinyl chloride	0.0500	0.0448		mg/Kg		90	65 - 135	4	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*65 - 130*
Dibromofluoromethane	*98*		*65 - 130*
Toluene-d8 (Surr)	*102*		*65 - 130*

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

Lab Sample ID: MB 680-254709/20-A
Matrix: Solid
Analysis Batch: 255970

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 254709

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.33	0.040	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Acenaphthylene	ND		0.33	0.035	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Acetophenone	ND		0.33	0.028	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Anthracene	ND		0.33	0.025	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Atrazine	ND		0.33	0.023	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Benzaldehyde	ND		0.33	0.057	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Benzo[a]anthracene	ND		0.33	0.027	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Benzo[a]pyrene	ND		0.33	0.051	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Benzo[b]fluoranthene	ND		0.33	0.037	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Benzo[g,h,i]perylene	ND		0.33	0.022	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Benzo[k]fluoranthene	ND		0.33	0.064	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
1,1'-Biphenyl	ND		0.33	0.73	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Bis(2-chloroethoxy)methane	ND		0.33	0.038	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Bis(2-chloroethyl)ether	ND		0.33	0.044	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
bis (2-chloroisopropyl) ether	ND		0.33	0.030	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Bis(2-ethylhexyl) phthalate	ND		0.33	0.029	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
4-Bromophenyl phenyl ether	ND		0.33	0.035	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Butyl benzyl phthalate	ND		0.33	0.026	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Caprolactam	ND		0.33	0.065	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Carbazole	ND		0.33	0.030	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
4-Chloroaniline	ND		0.65	0.051	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
4-Chloro-3-methylphenol	ND		0.33	0.034	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
2-Chloronaphthalene	ND		0.33	0.034	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
2-Chlorophenol	ND		0.33	0.039	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
4-Chlorophenyl phenyl ether	ND		0.33	0.043	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Chrysene	ND		0.33	0.021	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Dibenz(a,h)anthracene	ND		0.33	0.038	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Dibenzofuran	ND		0.33	0.033	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
3,3'-Dichlorobenzidine	ND		0.65	0.028	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
2,4-Dichlorophenol	ND		0.33	0.034	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Diethyl phthalate	ND		0.33	0.036	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
2,4-Dimethylphenol	ND		0.33	0.043	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Dimethyl phthalate	ND		0.33	0.033	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Di-n-butyl phthalate	ND		0.33	0.030	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
4,6-Dinitro-2-methylphenol	ND		1.7	0.17	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
2,4-Dinitrophenol	ND		1.7	0.82	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
2,4-Dinitrotoluene	ND		0.33	0.048	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
2,6-Dinitrotoluene	ND		0.33	0.041	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Di-n-octyl phthalate	ND		0.33	0.029	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Fluoranthene	ND		0.33	0.032	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Fluorene	ND		0.33	0.035	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Hexachlorobenzene	ND		0.33	0.038	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Hexachlorobutadiene	ND		0.33	0.035	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Hexachlorocyclopentadiene	ND		0.33	0.040	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Hexachloroethane	ND		0.33	0.028	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Indeno[1,2,3-cd]pyrene	ND		0.33	0.028	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Isophorone	ND		0.33	0.033	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
2-Methylnaphthalene	ND		0.33	0.037	mg/Kg		10/30/12 16:46	11/10/12 18:22	1

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

Lab Sample ID: MB 680-254709/20-A
Matrix: Solid
Analysis Batch: 255970

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 254709

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.33	0.027	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
3 & 4 Methylphenol	ND		0.33	0.042	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Naphthalene	ND		0.33	0.030	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
2-Nitroaniline	ND		1.7	0.044	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
3-Nitroaniline	ND		1.7	0.045	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
4-Nitroaniline	ND		1.7	0.048	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Nitrobenzene	ND		0.33	0.026	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
2-Nitrophenol	ND		0.33	0.040	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
4-Nitrophenol	ND		1.7	0.33	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
N-Nitrosodi-n-propylamine	ND		0.33	0.032	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
N-Nitrosodiphenylamine	ND		0.33	0.033	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Pentachlorophenol	ND		1.7	0.33	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Phenanthrene	ND		0.33	0.027	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Phenol	ND		0.33	0.033	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
Pyrene	ND		0.33	0.027	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
1,2,4,5-Tetrachlorobenzene	ND		0.33	0.031	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
2,3,4,6-Tetrachlorophenol	ND		0.33	0.022	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
2,4,5-Trichlorophenol	ND		0.33	0.034	mg/Kg		10/30/12 16:46	11/10/12 18:22	1
2,4,6-Trichlorophenol	ND		0.33	0.029	mg/Kg		10/30/12 16:46	11/10/12 18:22	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown Aldol Condensate	*1.30*	*T A J*	*mg/Kg*		*3.38*		*10/30/12 16:46*	*11/10/12 18:22*	*1*
Unknown Aldol Condensate	*0.501*	*T A J*	*mg/Kg*		*3.44*		*10/30/12 16:46*	*11/10/12 18:22*	*1*
Unknown	*0.172*	*T J*	*mg/Kg*		*11.61*		*10/30/12 16:46*	*11/10/12 18:22*	*1*
Octadecanoic acid, butyl ester	*0.135*	*T J N*	*mg/Kg*		*12.38*	*123-95-5*	*10/30/12 16:46*	*11/10/12 18:22*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*63*		*58 - 130*	*10/30/12 16:46*	*11/10/12 18:22*	*1*
2-Fluorophenol	*61*		*40 - 130*	*10/30/12 16:46*	*11/10/12 18:22*	*1*
Nitrobenzene-d5	*58*		*46 - 130*	*10/30/12 16:46*	*11/10/12 18:22*	*1*
Phenol-d5	*60*		*49 - 130*	*10/30/12 16:46*	*11/10/12 18:22*	*1*
Terphenyl-d14	*75*		*60 - 130*	*10/30/12 16:46*	*11/10/12 18:22*	*1*
2,4,6-Tribromophenol	*65*		*58 - 130*	*10/30/12 16:46*	*11/10/12 18:22*	*1*

Lab Sample ID: LCS 680-254709/21-A
Matrix: Solid
Analysis Batch: 255970

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 254709

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	3.30	2.54		mg/Kg		77	58 - 130
Acenaphthylene	3.30	2.59		mg/Kg		78	58 - 130
Acetophenone	3.30	2.11		mg/Kg		64	42 - 130
Anthracene	3.30	2.62		mg/Kg		79	60 - 130
Atrazine	3.30	3.75		mg/Kg		114	54 - 141
Benzaldehyde	3.30	0.607		mg/Kg		18	10 - 130
Benzo[a]anthracene	3.30	2.97		mg/Kg		90	62 - 130
Benzo[a]pyrene	3.30	2.99		mg/Kg		91	68 - 131

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

Lab Sample ID: LCS 680-254709/21-A
Matrix: Solid
Analysis Batch: 255970

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 254709

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo[b]fluoranthene	3.30	2.76		mg/Kg		83	53 - 130
Benzo[g,h,i]perylene	3.30	2.74		mg/Kg		83	54 - 130
Benzo[k]fluoranthene	3.30	2.98		mg/Kg		90	57 - 130
1,1'-Biphenyl	3.30	2.30		mg/Kg		70	57 - 130
Bis(2-chloroethoxy)methane	3.30	2.58		mg/Kg		78	56 - 130
Bis(2-chloroethyl)ether	3.30	2.48		mg/Kg		75	42 - 130
bis (2-chloroisopropyl) ether	3.30	2.35		mg/Kg		71	44 - 130
Bis(2-ethylhexyl) phthalate	3.30	2.97		mg/Kg		90	62 - 132
4-Bromophenyl phenyl ether	3.30	2.77		mg/Kg		84	65 - 130
Butyl benzyl phthalate	3.30	3.09		mg/Kg		93	65 - 134
Carbazole	3.30	2.80		mg/Kg		85	60 - 130
4-Chloroaniline	3.30	1.60		mg/Kg		49	36 - 130
4-Chloro-3-methylphenol	3.30	2.49		mg/Kg		75	52 - 130
2-Chloronaphthalene	3.30	2.37		mg/Kg		72	55 - 130
2-Chlorophenol	3.30	2.21		mg/Kg		67	51 - 130
4-Chlorophenyl phenyl ether	3.30	2.50		mg/Kg		76	61 - 130
Chrysene	3.30	2.87		mg/Kg		87	62 - 130
Dibenz(a,h)anthracene	3.30	2.80		mg/Kg		85	56 - 130
Dibenzofuran	3.30	2.41		mg/Kg		73	56 - 130
3,3'-Dichlorobenzidine	3.30	1.96		mg/Kg		59	45 - 130
2,4-Dichlorophenol	3.30	2.37		mg/Kg		72	53 - 130
Diethyl phthalate	3.30	2.72		mg/Kg		82	62 - 130
2,4-Dimethylphenol	3.30	2.53		mg/Kg		77	47 - 130
Dimethyl phthalate	3.30	2.65		mg/Kg		80	63 - 130
Di-n-butyl phthalate	3.30	2.99		mg/Kg		91	65 - 130
4,6-Dinitro-2-methylphenol	3.30	2.86		mg/Kg		87	14 - 137
2,4-Dinitrophenol	3.30	2.79		mg/Kg		85	10 - 154
2,4-Dinitrotoluene	3.30	2.58		mg/Kg		78	55 - 130
2,6-Dinitrotoluene	3.30	2.52		mg/Kg		76	57 - 130
Di-n-octyl phthalate	3.30	3.20		mg/Kg		97	59 - 146
Fluoranthene	3.30	2.87		mg/Kg		87	62 - 130
Fluorene	3.30	2.55		mg/Kg		77	58 - 130
Hexachlorobenzene	3.30	2.51		mg/Kg		76	59 - 130
Hexachlorobutadiene	3.30	2.34		mg/Kg		71	47 - 130
Hexachlorocyclopentadiene	3.30	2.32		mg/Kg		70	35 - 130
Hexachloroethane	3.30	1.95		mg/Kg		59	44 - 130
Indeno[1,2,3-cd]pyrene	3.30	2.79		mg/Kg		84	52 - 130
Isophorone	3.30	2.35		mg/Kg		71	48 - 130
2-Methylnaphthalene	3.30	2.42		mg/Kg		73	55 - 130
2-Methylphenol	3.30	2.25		mg/Kg		68	49 - 130
3 & 4 Methylphenol	3.30	2.38		mg/Kg		72	50 - 130
Naphthalene	3.30	2.38		mg/Kg		72	54 - 130
2-Nitroaniline	3.30	2.50		mg/Kg		76	52 - 130
3-Nitroaniline	3.30	2.03		mg/Kg		61	42 - 130
4-Nitroaniline	3.30	2.56		mg/Kg		77	49 - 130
Nitrobenzene	3.30	2.23		mg/Kg		68	43 - 130
2-Nitrophenol	3.30	2.36		mg/Kg		72	45 - 130
4-Nitrophenol	3.30	2.48		mg/Kg		75	30 - 130

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

Lab Sample ID: LCS 680-254709/21-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 255970 — **Prep Batch: 254709**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
N-Nitrosodi-n-propylamine	3.30	2.37		mg/Kg		72	48 - 130
N-Nitrosodiphenylamine	3.30	2.78		mg/Kg		84	62 - 130
Pentachlorophenol	3.30	2.78		mg/Kg		84	38 - 131
Phenanthrene	3.30	2.73		mg/Kg		83	61 - 130
Phenol	3.30	2.20		mg/Kg		67	46 - 130
Pyrene	3.30	2.78		mg/Kg		84	59 - 130
2,4,5-Trichlorophenol	3.30	2.50		mg/Kg		76	60 - 130
2,4,6-Trichlorophenol	3.30	2.44		mg/Kg		74	53 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*71*		*58 - 130*
2-Fluorophenol	*67*		*40 - 130*
Nitrobenzene-d5	*66*		*46 - 130*
Phenol-d5	*69*		*49 - 130*
Terphenyl-d14	*78*		*60 - 130*
2,4,6-Tribromophenol	*75*		*58 - 130*

Lab Sample ID: LCS 680-254709/24-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 255970 — **Prep Batch: 254709**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4,5-Tetrachlorobenzene	3.31	1.83		mg/Kg		55	10 - 130
2,3,4,6-Tetrachlorophenol	3.31	2.37		mg/Kg		71	10 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*61*		*58 - 130*
2-Fluorophenol	*58*		*40 - 130*
Nitrobenzene-d5	*58*		*46 - 130*
Phenol-d5	*61*		*49 - 130*
Terphenyl-d14	*76*		*60 - 130*
2,4,6-Tribromophenol	*69*		*58 - 130*

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 680-254815/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 255036 — **Prep Batch: 254815**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.99	0.50	mg/Kg		10/31/12 10:47	11/01/12 21:30	1
Arsenic	0.100	J	0.25	0.099	mg/Kg		10/31/12 10:47	11/01/12 21:30	1
Beryllium	ND		0.050	0.025	mg/Kg		10/31/12 10:47	11/01/12 21:30	1
Cadmium	ND		0.050	0.012	mg/Kg		10/31/12 10:47	11/01/12 21:30	1
Chromium	ND		0.50	0.25	mg/Kg		10/31/12 10:47	11/01/12 21:30	1
Lead	ND		0.20	0.099	mg/Kg		10/31/12 10:47	11/01/12 21:30	1
Manganese	ND		0.99	0.50	mg/Kg		10/31/12 10:47	11/01/12 21:30	1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-254815/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 255036 — **Prep Batch: 254815**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	ND		0.50	0.25	mg/Kg		10/31/12 10:47	11/01/12 21:30	1
Selenium	ND		0.50	0.25	mg/Kg		10/31/12 10:47	11/01/12 21:30	1
Silver	ND		0.099	0.050	mg/Kg		10/31/12 10:47	11/01/12 21:30	1
Thallium	ND		0.099	0.025	mg/Kg		10/31/12 10:47	11/01/12 21:30	1

Lab Sample ID: MB 680-254815/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 256324 — **Prep Batch: 254815**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	0.452	J	0.50	0.20	mg/Kg		10/31/12 10:47	11/13/12 11:19	1
Iron	13.9	J	25	9.9	mg/Kg		10/31/12 10:47	11/13/12 11:19	1
Zinc	ND		2.0	0.54	mg/Kg		10/31/12 10:47	11/13/12 11:19	1

Lab Sample ID: LCS 680-254815/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 255036 — **Prep Batch: 254815**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	4.90	5.02		mg/Kg		102	75 - 125
Arsenic	9.80	9.31		mg/Kg		95	75 - 125
Beryllium	4.90	4.55		mg/Kg		93	75 - 125
Cadmium	4.90	4.48		mg/Kg		91	75 - 125
Chromium	9.80	9.36		mg/Kg		95	75 - 125
Lead	4.90	4.82		mg/Kg		98	75 - 125
Manganese	49.0	48.7		mg/Kg		99	75 - 125
Nickel	9.80	9.55		mg/Kg		97	75 - 125
Selenium	9.80	8.44		mg/Kg		86	75 - 125
Silver	4.90	4.69		mg/Kg		96	75 - 125
Thallium	3.92	3.76		mg/Kg		96	75 - 125

Lab Sample ID: LCS 680-254815/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 256324 — **Prep Batch: 254815**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	9.80	9.73		mg/Kg		99	75 - 125
Copper	9.80	9.78		mg/Kg		100	75 - 125
Iron	490	510		mg/Kg		104	75 - 125
Zinc	9.80	9.68		mg/Kg		99	75 - 125

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Lab Sample ID: MB 680-254759/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 255504 — **Prep Batch: 254759**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.019	0.0079	mg/Kg		10/30/12 17:48	11/06/12 20:19	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique) (Continued)

Lab Sample ID: LCS 680-254759/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 255504 — **Prep Batch: 254759**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.245	0.263		mg/Kg		107	80 - 120

Lab Sample ID: 680-84212-1 MS — **Client Sample ID: TMW-3**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 255504 — **Prep Batch: 254759**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.0958	0.0922		mg/Kg	☼	96	80 - 120

Lab Sample ID: 680-84212-1 MSD — **Client Sample ID: TMW-3**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 255504 — **Prep Batch: 254759**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.0958	0.0941		mg/Kg	☼	98	80 - 120	2	20

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 680-254886/2-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 254906 — **Prep Batch: 254886**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.30	0.13	mg/Kg		10/31/12 16:21	10/31/12 21:13	1

Lab Sample ID: LCS 680-254886/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 254906 — **Prep Batch: 254886**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	5.00	5.03		mg/Kg		101	75 - 125

Lab Sample ID: 680-84212-1 MS — **Client Sample ID: TMW-3**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 254906 — **Prep Batch: 254886**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia	0.76		5.16	5.01		mg/Kg	☼	82	75 - 125

Lab Sample ID: 680-84212-1 MSD — **Client Sample ID: TMW-3**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 254906 — **Prep Batch: 254886**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia	0.76		5.17	4.50	F	mg/Kg	☼	72	75 - 125	11	30

Method: 9056 - Anions, Ion Chromatography

Lab Sample ID: MB 680-255594/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 255866

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		99	20	mg/Kg			11/09/12 11:05	5

Lab Sample ID: LCS 680-255594/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 255866

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	988	965		mg/Kg		98	75 - 125

Lab Sample ID: LCSD 680-255594/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 255866

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	996	960		mg/Kg		96	75 - 125	1	30

Lab Sample ID: 680-84212-1 MS — **Client Sample ID: TMW-3**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 255866

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	ND		814	895		mg/Kg	☼	110	75 - 125

Lab Sample ID: 680-84212-1 MSD — **Client Sample ID: TMW-3**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 255866

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	ND		834	929		mg/Kg	☼	111	75 - 125	4	30

Lab Sample ID: MB 680-256044/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 256021

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		5.0	1.5	mg/Kg			11/10/12 19:06	5

Lab Sample ID: LCS 680-256044/4-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 256021

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	101	101		mg/Kg		100	75 - 125

Lab Sample ID: LCSD 680-256044/5-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 256021

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	101	101		mg/Kg		100	75 - 125	0	30

QC Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84212-1

Lab Sample ID: 680-84212-1 MS — **Client Sample ID: TMW-3**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 256021

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Nitrate as N	ND		42.0	34.6		mg/Kg	☼	82	75 - 125		

Lab Sample ID: 680-84212-1 MSD — **Client Sample ID: TMW-3**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 256021

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	ND		41.2	33.6		mg/Kg	☼	81	75 - 125	3	30

Lab Sample ID: MB 680-256044/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 256364

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		100	20	mg/Kg			11/13/12 19:10	5

Lab Sample ID: LCS 680-256044/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 256364

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Sulfate			1020	1050		mg/Kg		103	75 - 125		

Lab Sample ID: LCSD 680-256044/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 256364

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate			1010	1020		mg/Kg		101	75 - 125	3	30

QC Association Summary

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84212-1

GC/MS VOA

Prep Batch: 254680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84212-1	TMW-3	Total/NA	Solid	5035	
680-84212-2	TMW-4	Total/NA	Solid	5035	
680-84212-3	TMW-5	Total/NA	Solid	5035	
680-84212-4	TMW-6	Total/NA	Solid	5035	

Analysis Batch: 255968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84212-1	TMW-3	Total/NA	Solid	8260B	254680
680-84212-2	TMW-4	Total/NA	Solid	8260B	254680
680-84212-3	TMW-5	Total/NA	Solid	8260B	254680
680-84212-4	TMW-6	Total/NA	Solid	8260B	254680
LCS 680-255968/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 680-255968/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 680-255968/6	Method Blank	Total/NA	Solid	8260B	

GC/MS Semi VOA

Prep Batch: 254709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84212-1	TMW-3	Total/NA	Solid	3546	
680-84212-2	TMW-4	Total/NA	Solid	3546	
680-84212-3	TMW-5	Total/NA	Solid	3546	
680-84212-4	TMW-6	Total/NA	Solid	3546	
LCS 680-254709/21-A	Lab Control Sample	Total/NA	Solid	3546	
LCS 680-254709/24-A	Lab Control Sample	Total/NA	Solid	3546	
MB 680-254709/20-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 255970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-254709/21-A	Lab Control Sample	Total/NA	Solid	8270D	254709
LCS 680-254709/24-A	Lab Control Sample	Total/NA	Solid	8270D	254709
MB 680-254709/20-A	Method Blank	Total/NA	Solid	8270D	254709

Analysis Batch: 256341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84212-1	TMW-3	Total/NA	Solid	8270D	254709
680-84212-2	TMW-4	Total/NA	Solid	8270D	254709
680-84212-3	TMW-5	Total/NA	Solid	8270D	254709
680-84212-4	TMW-6	Total/NA	Solid	8270D	254709

Metals

Prep Batch: 254759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84212-1	TMW-3	Total/NA	Solid	7471B	
680-84212-1 MS	TMW-3	Total/NA	Solid	7471B	
680-84212-1 MSD	TMW-3	Total/NA	Solid	7471B	
680-84212-2	TMW-4	Total/NA	Solid	7471B	
680-84212-3	TMW-5	Total/NA	Solid	7471B	
680-84212-4	TMW-6	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 254759 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-254759/2-A	Lab Control Sample	Total/NA	Solid	7471B	
MB 680-254759/1-A	Method Blank	Total/NA	Solid	7471B	

Prep Batch: 254815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84212-1	TMW-3	Total/NA	Solid	3050B	
680-84212-2	TMW-4	Total/NA	Solid	3050B	
680-84212-3	TMW-5	Total/NA	Solid	3050B	
680-84212-4	TMW-6	Total/NA	Solid	3050B	
LCS 680-254815/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 680-254815/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 255036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84212-1	TMW-3	Total/NA	Solid	6020A	254815
680-84212-2	TMW-4	Total/NA	Solid	6020A	254815
680-84212-3	TMW-5	Total/NA	Solid	6020A	254815
680-84212-4	TMW-6	Total/NA	Solid	6020A	254815
LCS 680-254815/2-A	Lab Control Sample	Total/NA	Solid	6020A	254815
MB 680-254815/1-A	Method Blank	Total/NA	Solid	6020A	254815

Analysis Batch: 255504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84212-1	TMW-3	Total/NA	Solid	7471B	254759
680-84212-1 MS	TMW-3	Total/NA	Solid	7471B	254759
680-84212-1 MSD	TMW-3	Total/NA	Solid	7471B	254759
680-84212-2	TMW-4	Total/NA	Solid	7471B	254759
680-84212-3	TMW-5	Total/NA	Solid	7471B	254759
680-84212-4	TMW-6	Total/NA	Solid	7471B	254759
LCS 680-254759/2-A	Lab Control Sample	Total/NA	Solid	7471B	254759
MB 680-254759/1-A	Method Blank	Total/NA	Solid	7471B	254759

Analysis Batch: 256324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84212-1	TMW-3	Total/NA	Solid	6020A	254815
680-84212-2	TMW-4	Total/NA	Solid	6020A	254815
680-84212-3	TMW-5	Total/NA	Solid	6020A	254815
680-84212-4	TMW-6	Total/NA	Solid	6020A	254815
LCS 680-254815/2-A	Lab Control Sample	Total/NA	Solid	6020A	254815
MB 680-254815/1-A	Method Blank	Total/NA	Solid	6020A	254815

General Chemistry

Analysis Batch: 254736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84212-1	TMW-3	Total/NA	Solid	Moisture	
680-84212-2	TMW-4	Total/NA	Solid	Moisture	
680-84212-3	TMW-5	Total/NA	Solid	Moisture	
680-84212-4	TMW-6	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Prep Batch: 254886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84212-1	TMW-3	Total/NA	Solid	3-154	
680-84212-1 MS	TMW-3	Total/NA	Solid	3-154	
680-84212-1 MSD	TMW-3	Total/NA	Solid	3-154	
680-84212-2	TMW-4	Total/NA	Solid	3-154	
680-84212-3	TMW-5	Total/NA	Solid	3-154	
680-84212-4	TMW-6	Total/NA	Solid	3-154	
LCS 680-254886/1-A	Lab Control Sample	Total/NA	Solid	3-154	
MB 680-254886/2-A	Method Blank	Total/NA	Solid	3-154	

Analysis Batch: 254906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84212-1	TMW-3	Total/NA	Solid	350.1	254886
680-84212-1 MS	TMW-3	Total/NA	Solid	350.1	254886
680-84212-1 MSD	TMW-3	Total/NA	Solid	350.1	254886
680-84212-2	TMW-4	Total/NA	Solid	350.1	254886
680-84212-3	TMW-5	Total/NA	Solid	350.1	254886
680-84212-4	TMW-6	Total/NA	Solid	350.1	254886
LCS 680-254886/1-A	Lab Control Sample	Total/NA	Solid	350.1	254886
MB 680-254886/2-A	Method Blank	Total/NA	Solid	350.1	254886

Leach Batch: 255594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84212-1	TMW-3	Soluble	Solid	DI Leach	
680-84212-1 MS	TMW-3	Soluble	Solid	DI Leach	
680-84212-1 MSD	TMW-3	Soluble	Solid	DI Leach	
680-84212-2	TMW-4	Soluble	Solid	DI Leach	
680-84212-3	TMW-5	Soluble	Solid	DI Leach	
680-84212-4	TMW-6	Soluble	Solid	DI Leach	
LCS 680-255594/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 680-255594/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
MB 680-255594/1-A	Method Blank	Soluble	Solid	DI Leach	

Analysis Batch: 255866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84212-1	TMW-3	Soluble	Solid	9056	255594
680-84212-1 MS	TMW-3	Soluble	Solid	9056	255594
680-84212-1 MSD	TMW-3	Soluble	Solid	9056	255594
680-84212-2	TMW-4	Soluble	Solid	9056	255594
680-84212-3	TMW-5	Soluble	Solid	9056	255594
680-84212-4	TMW-6	Soluble	Solid	9056	255594
LCS 680-255594/2-A	Lab Control Sample	Soluble	Solid	9056	255594
LCSD 680-255594/3-A	Lab Control Sample Dup	Soluble	Solid	9056	255594
MB 680-255594/1-A	Method Blank	Soluble	Solid	9056	255594

Analysis Batch: 256021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84212-1	TMW-3	Soluble	Solid	9056	256044
680-84212-1 MS	TMW-3	Soluble	Solid	9056	256044
680-84212-1 MSD	TMW-3	Soluble	Solid	9056	256044
680-84212-2	TMW-4	Soluble	Solid	9056	256044
680-84212-3	TMW-5	Soluble	Solid	9056	256044

General Chemistry (Continued)

Analysis Batch: 256021 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84212-4	TMW-6	Soluble	Solid	9056	256044
LCS 680-256044/4-A	Lab Control Sample	Soluble	Solid	9056	256044
LCSD 680-256044/5-A	Lab Control Sample Dup	Soluble	Solid	9056	256044
MB 680-256044/1-A	Method Blank	Soluble	Solid	9056	256044

Leach Batch: 256044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84212-1	TMW-3	Soluble	Solid	DI Leach	
680-84212-1 MS	TMW-3	Soluble	Solid	DI Leach	
680-84212-1 MSD	TMW-3	Soluble	Solid	DI Leach	
680-84212-2	TMW-4	Soluble	Solid	DI Leach	
680-84212-3	TMW-5	Soluble	Solid	DI Leach	
680-84212-4	TMW-6	Soluble	Solid	DI Leach	
LCS 680-256044/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCS 680-256044/4-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 680-256044/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
LCSD 680-256044/5-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
MB 680-256044/1-A	Method Blank	Soluble	Solid	DI Leach	

Analysis Batch: 256364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-256044/2-A	Lab Control Sample	Soluble	Solid	9056	256044
LCSD 680-256044/3-A	Lab Control Sample Dup	Soluble	Solid	9056	256044
MB 680-256044/1-A	Method Blank	Soluble	Solid	9056	256044

Lab Chronicle

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84212-1

Client Sample ID: TMW-3

Lab Sample ID: 680-84212-1

Date Collected: 10/29/12 13:00
Matrix: Solid
Date Received: 10/30/12 09:24
Percent Solids: 96.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			254680	10/30/12 11:01	FS	TAL SAV
Total/NA	Analysis	8260B		1	255968	11/10/12 17:50	RB	TAL SAV
Total/NA	Prep	3546			254709	10/30/12 16:46	AJW	TAL SAV
Total/NA	Analysis	8270D		1	256341	11/13/12 19:43	BB	TAL SAV
Total/NA	Prep	3050B			254815	10/31/12 10:47	BCB	TAL SAV
Total/NA	Analysis	6020A		1	255036	11/01/12 22:59	RAM	TAL SAV
Total/NA	Prep	7471B			254759	10/30/12 17:48	UU	TAL SAV
Total/NA	Analysis	7471B		1	255504	11/06/12 20:26	UU	TAL SAV
Total/NA	Analysis	6020A		1	256324	11/13/12 15:09	BR	TAL SAV
Total/NA	Analysis	Moisture		1	254736	10/30/12 16:04	FS	TAL SAV
Total/NA	Prep	3-154			254886	10/31/12 16:21	RW	TAL SAV
Total/NA	Analysis	350.1		1	254906	10/31/12 19:23	RW	TAL SAV
Soluble	Leach	DI Leach			255594	11/07/12 17:40	PAT	TAL SAV
Soluble	Analysis	9056		5	255866	11/09/12 11:43	PAT	TAL SAV
Soluble	Leach	DI Leach			256044	11/10/12 12:15	PAT	TAL SAV
Soluble	Analysis	9056		5	256021	11/10/12 19:52	PAT	TAL SAV

Client Sample ID: TMW-4

Lab Sample ID: 680-84212-2

Date Collected: 10/29/12 13:15
Matrix: Solid
Date Received: 10/30/12 09:24
Percent Solids: 96.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			254680	10/30/12 11:01	FS	TAL SAV
Total/NA	Analysis	8260B		1	255968	11/10/12 18:13	RB	TAL SAV
Total/NA	Prep	3546			254709	10/30/12 16:46	AJW	TAL SAV
Total/NA	Analysis	8270D		1	256341	11/13/12 20:10	BB	TAL SAV
Total/NA	Prep	3050B			254815	10/31/12 10:47	BCB	TAL SAV
Total/NA	Analysis	6020A		1	255036	11/01/12 23:06	RAM	TAL SAV
Total/NA	Prep	7471B			254759	10/30/12 17:48	UU	TAL SAV
Total/NA	Analysis	7471B		1	255504	11/06/12 20:35	UU	TAL SAV
Total/NA	Analysis	6020A		1	256324	11/13/12 15:16	BR	TAL SAV
Total/NA	Analysis	Moisture		1	254736	10/30/12 16:04	FS	TAL SAV
Total/NA	Prep	3-154			254886	10/31/12 16:21	RW	TAL SAV
Total/NA	Analysis	350.1		1	254906	10/31/12 19:23	RW	TAL SAV
Soluble	Leach	DI Leach			255594	11/07/12 17:40	PAT	TAL SAV
Soluble	Analysis	9056		5	255866	11/09/12 12:20	PAT	TAL SAV
Soluble	Leach	DI Leach			256044	11/10/12 12:15	PAT	TAL SAV
Soluble	Analysis	9056		5	256021	11/10/12 20:38	PAT	TAL SAV

Lab Chronicle

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84212-1

Client Sample ID: TMW-5

Lab Sample ID: 680-84212-3

Date Collected: 10/29/12 13:30
Matrix: Solid
Date Received: 10/30/12 09:24
Percent Solids: 97.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			254680	10/30/12 11:01	FS	TAL SAV
Total/NA	Analysis	8260B		1	255968	11/10/12 18:35	RB	TAL SAV
Total/NA	Prep	3546			254709	10/30/12 16:46	AJW	TAL SAV
Total/NA	Analysis	8270D		1	256341	11/13/12 20:38	BB	TAL SAV
Total/NA	Prep	3050B			254815	10/31/12 10:47	BCB	TAL SAV
Total/NA	Analysis	6020A		1	255036	11/01/12 23:14	RAM	TAL SAV
Total/NA	Prep	7471B			254759	10/30/12 17:48	UU	TAL SAV
Total/NA	Analysis	7471B		1	255504	11/06/12 20:38	UU	TAL SAV
Total/NA	Analysis	6020A		1	256324	11/13/12 15:39	BR	TAL SAV
Total/NA	Analysis	Moisture		1	254736	10/30/12 16:04	FS	TAL SAV
Total/NA	Prep	3-154			254886	10/31/12 16:21	RW	TAL SAV
Total/NA	Analysis	350.1		1	254906	10/31/12 19:23	RW	TAL SAV
Soluble	Leach	DI Leach			255594	11/07/12 17:40	PAT	TAL SAV
Soluble	Analysis	9056		5	255866	11/09/12 12:32	PAT	TAL SAV
Soluble	Leach	DI Leach			256044	11/10/12 12:15	PAT	TAL SAV
Soluble	Analysis	9056		5	256021	11/10/12 20:54	PAT	TAL SAV

Client Sample ID: TMW-6

Lab Sample ID: 680-84212-4

Date Collected: 10/29/12 13:45
Matrix: Solid
Date Received: 10/30/12 09:24
Percent Solids: 84.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			254680	10/30/12 11:01	FS	TAL SAV
Total/NA	Analysis	8260B		1	255968	11/10/12 18:57	RB	TAL SAV
Total/NA	Prep	3546			254709	10/30/12 16:46	AJW	TAL SAV
Total/NA	Analysis	8270D		1	256341	11/13/12 21:05	BB	TAL SAV
Total/NA	Prep	3050B			254815	10/31/12 10:47	BCB	TAL SAV
Total/NA	Analysis	6020A		1	255036	11/01/12 23:21	RAM	TAL SAV
Total/NA	Prep	7471B			254759	10/30/12 17:48	UU	TAL SAV
Total/NA	Analysis	7471B		1	255504	11/06/12 20:41	UU	TAL SAV
Total/NA	Analysis	6020A		1	256324	11/13/12 15:46	BR	TAL SAV
Total/NA	Analysis	Moisture		1	254736	10/30/12 16:04	FS	TAL SAV
Total/NA	Prep	3-154			254886	10/31/12 16:21	RW	TAL SAV
Total/NA	Analysis	350.1		1	254906	10/31/12 19:23	RW	TAL SAV
Soluble	Leach	DI Leach			255594	11/07/12 17:40	PAT	TAL SAV
Soluble	Analysis	9056		5	255866	11/09/12 12:45	PAT	TAL SAV
Soluble	Leach	DI Leach			256044	11/10/12 12:15	PAT	TAL SAV
Soluble	Analysis	9056		5	256021	11/10/12 21:09	PAT	TAL SAV

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Serial Number 60935

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
FLEMINGTON LANDFILL	1054-11-1007	NC

TAL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
LIDYA Gutierrez		

CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Gerald Paul	(919) 872-2660	

CLIENT NAME	CLIENT E-MAIL
STME	JPaul@STMEINC.com

CLIENT ADDRESS: 3201 SPRING FOREST Rd Raleigh NC 27616

COMPANY CONTRACTING THIS WORK (if applicable):

PAGE 1 OF 1

STANDARD REPORT DELIVERY ☒

DATE DUE _____

EXPEDITED REPORT DELIVERY (SURCHARGE) ○

DATE DUE _____

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	REQUIRED ANALYSIS: 8260 + TICs	8270 + TICs	Ammonia 350.1	METALS 6020A	Mercury 7471B	Nitrate Sulfate 9056					REMARKS
10/29/12	1300	TMW-3	G		S			4	1	—	—	1	—					
	1315	TMW-4						4	1	—	—	1	—					
	1330	TMW-5						4	1	—	—	1	—					
	1345	TMW-6						4	1	—	—	1	—					
	—	TRIP BLANK		A				1										

NUMBER OF CONTAINERS SUBMITTED

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	10/29/12	1500	[signature]	[illegible]	1700			

RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
[signature]	10/29/12	1400						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
[signature]	10/30/12	0924	YES ○ NO ○		680 84212	1.2 °C

TAL8240-680 (1008)

Login Sample Receipt Checklist

Client: S&ME, Inc.

Job Number: 680-84212-1

Login Number: 84212
List Number: 1
Creator: Barnett, Eddie T

List Source: TestAmerica Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.2 C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	False	No trip blank received - only a temp blank
Samples are received within Holding Time.	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	Insufficient volume received for MS/MSD.
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Certification Summary

Client: S&ME, Inc.
Project/Site: Flemington Landfill OCT 2012

TestAmerica Job ID: 680-84212-1

Laboratory: TestAmerica Savannah

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

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	DoD ELAP		0399-01	02-28-13
A2LA	ISO/IEC 17025		399.01	02-28-13
Alabama	State Program	4	41450	06-30-13
Alaska (UST)	State Program	10	UST-104	06-19-13
Arkansas DEQ	State Program	6	88-0692	02-01-13
California	NELAC	9	3217CA	07-31-13
Colorado	State Program	8	N/A	12-31-12
Connecticut	State Program	1	PH-0161	03-31-13
Florida	NELAC	4	E87052	06-30-13
GA Dept. of Agriculture	State Program	4	N/A	12-31-12
Georgia	State Program	4	N/A	06-30-13
Georgia	State Program	4	803	06-30-13
Guam	State Program	9	09-005r	04-17-13
Hawaii	State Program	9	N/A	06-30-13
Illinois	NELAC	5	200022	11-30-12
Indiana	State Program	5	N/A	06-30-13
Iowa	State Program	7	353	07-01-13
Kentucky	State Program	4	90084	12-31-12
Kentucky (UST)	State Program	4	18	02-28-13
Louisiana	NELAC	6	30690	06-30-13
Louisiana	NELAC	6	LA100015	12-31-12
Maine	State Program	1	GA00006	08-16-14
Maryland	State Program	3	250	12-31-12
Massachusetts	State Program	1	M-GA006	06-30-13
Michigan	State Program	5	9925	06-30-13
Mississippi	State Program	4	N/A	06-30-13
Montana	State Program	8	CERT0081	12-31-12
Nebraska	State Program	7	TestAmerica-Savannah	06-30-13
New Jersey	NELAC	2	GA769	06-30-13
New Mexico	State Program	6	N/A	06-30-13
New York	NELAC	2	10842	04-01-13
North Carolina DENR	State Program	4	269	12-31-13
North Carolina DHHS	State Program	4	13701	07-31-13
Oklahoma	State Program	6	9984	08-31-13
Pennsylvania	NELAC	3	68-00474	06-30-13
Puerto Rico	State Program	2	GA00006	01-01-13
Rhode Island	State Program	1	LAO00244	12-30-12
South Carolina	State Program	4	98001	06-30-13
Tennessee	State Program	4	TN02961	06-30-13
Texas	NELAC	6	T104704185-08-TX	11-30-12
USDA	Federal		SAV 3-04	04-07-14
Virginia	NELAC	3	460161	06-14-13
Washington	State Program	10	C1794	06-10-13
West Virginia	State Program	3	9950C	12-31-12
West Virginia DEP	State Program	3	94	06-30-13
Wisconsin	State Program	5	999819810	08-31-13
Wyoming	State Program	8	8TMS-Q	06-30-13

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

TestAmerica Job ID: 680-84289-1
Client Project/Site: Flemington Landfill - OCT 2012

For:
S&ME, Inc.
3201 Spring Forest Road
Raleigh, North Carolina 27616

Attn: Jerry Paul

Authorized for release by:
11/16/2012 5:56:53 PM

Lidya Gulizia
Project Manager II
lidya.gulizia@testamericainc.com

LINKS

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Have a Question? Ask The Expert

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

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

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

Job ID: 680-84289-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE

Client: S&ME, Inc.

Project: Flemington Landfill - OCT 2012

Report Number: 680-84289-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

The following acronyms are used in reporting tentatively identified compound (TIC) results and these are defined as follows:

RT - Retention Time (in minutes)
Dil Fac - Dilution Factor
D - Dilution

RECEIPT
The samples were received on 11/01/2012; the samples arrived in good condition, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 0.2º C, 2.2º C and 2.4º C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples TMW-2 (680-84289-1), TMW-3 (680-84289-2), TMW-1 (680-84289-3), TMW-4 (680-84289-4), TMW-5 (680-84289-5), TMW-7 (680-84289-6), TMW-6 (680-84289-7), TMW-8 (680-84289-8), TMW-Dup (680-84289-9), Trip Blank (680-84289-10) and Equip Blank (680-84289-11) were analyzed for Volatile Organic Compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 11/09/2012 and 11/10/2012.

No difficulties were encountered during the volatiles analyses.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (AQUEOUS)
Samples TMW-2 (680-84289-1), TMW-3 (680-84289-2), TMW-1 (680-84289-3), TMW-4 (680-84289-4), TMW-5 (680-84289-5), TMW-7 (680-84289-6), TMW-6 (680-84289-7), TMW-8 (680-84289-8), TMW-Dup (680-84289-9) and Equip Blank (680-84289-11) were analyzed for Semivolatile Organic Compounds (Aqueous) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 11/05/2012 and analyzed on 11/11/2012 and 11/13/2012.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for batch 255216 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

Job ID: 680-84289-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

METALS (ICPMS)
Samples TMW-2 (680-84289-1), TMW-3 (680-84289-2), TMW-1 (680-84289-3), TMW-4 (680-84289-4), TMW-5 (680-84289-5), TMW-7 (680-84289-6), TMW-6 (680-84289-7), TMW-8 (680-84289-8), TMW-Dup (680-84289-9) and Equip Blank (680-84289-11) were analyzed for Metals (ICPMS) in accordance with EPA SW-846 Method 6020A. The samples were prepared on 11/01/2012 and analyzed on 11/03/2012, 11/04/2012 and 11/06/2012.

Iron failed the recovery criteria high for the MSD of sample TMW-2MSD (680-84289-1) in batch 680-255416.

Refer to the QC report for details.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY
Samples TMW-2 (680-84289-1), TMW-3 (680-84289-2), TMW-1 (680-84289-3), TMW-4 (680-84289-4), TMW-5 (680-84289-5), TMW-7 (680-84289-6), TMW-6 (680-84289-7), TMW-8 (680-84289-8), TMW-Dup (680-84289-9) and Equip Blank (680-84289-11) were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared on 11/01/2012 and analyzed on 11/06/2012.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

AMMONIA
Samples TMW-2 (680-84289-1), TMW-3 (680-84289-2), TMW-1 (680-84289-3), TMW-4 (680-84289-4), TMW-5 (680-84289-5), TMW-7 (680-84289-6), TMW-6 (680-84289-7), TMW-8 (680-84289-8), TMW-Dup (680-84289-9) and Equip Blank (680-84289-11) were analyzed for ammonia in accordance with EPA Method 350.1. The samples were analyzed on 11/02/2012.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 255125 were outside control limits. The matrix spike had a recovery of 48% and the matrix spike duplicate had a recovery of 50%. The acceptance range is 90-110%. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Samples TMW-5 (680-84289-5)[10X], TMW-6 (680-84289-7)[5X], TMW-8 (680-84289-8)[10X] and TMW-Dup (680-84289-9)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the ammonia analyses.

All other quality control parameters were within the acceptance limits.

ANIONS
Samples TMW-2 (680-84289-1), TMW-3 (680-84289-2), TMW-1 (680-84289-3), TMW-4 (680-84289-4), TMW-5 (680-84289-5), TMW-7 (680-84289-6), TMW-6 (680-84289-7), TMW-8 (680-84289-8), TMW-Dup (680-84289-9) and Equip Blank (680-84289-11) were analyzed for anions in accordance with EPA SW-846 Method 9056. The samples were analyzed on 11/11/2012.

Samples TMW-2 (680-84289-1)[5X], TMW-3 (680-84289-2)[5X], TMW-1 (680-84289-3)[5X], TMW-4 (680-84289-4)[5X], TMW-5 (680-84289-5)[5X], TMW-7 (680-84289-6)[5X], TMW-6 (680-84289-7)[5X], TMW-8 (680-84289-8)[5X], TMW-Dup (680-84289-9)[5X] and Equip Blank (680-84289-11)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the anions analyses.

All quality control parameters were within the acceptance limits.

ANIONS
Samples TMW-2 (680-84289-1), TMW-3 (680-84289-2), TMW-1 (680-84289-3), TMW-4 (680-84289-4), TMW-5 (680-84289-5), TMW-7

Job ID: 680-84289-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

(680-84289-6), TMW-6 (680-84289-7), TMW-8 (680-84289-8), TMW-Dup (680-84289-9) and Equip Blank (680-84289-11) were analyzed for anions in accordance with EPA SW-846 Method 9056. The samples were analyzed on 11/01/2012.

Samples TMW-2 (680-84289-1)[5X], TMW-3 (680-84289-2)[5X], TMW-1 (680-84289-3)[5X], TMW-4 (680-84289-4)[5X], TMW-5 (680-84289-5)[5X], TMW-7 (680-84289-6)[5X], TMW-6 (680-84289-7)[5X], TMW-8 (680-84289-8)[5X], TMW-Dup (680-84289-9)[5X] and Equip Blank (680-84289-11)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following sample(s) were received with limited time remaining in the analytical holding time for nitrate analysis and were analyzed outside of the 48 hour holding time: TMW-2 (680-84289-1), TMW-3 (680-84289-2). As such, the laboratory had insufficient time remaining to perform the analysis within holding time.

No difficulties were encountered during the anions analyses.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-84289-1	TMW-2	Water	10/30/12 10:30	11/01/12 09:29
680-84289-2	TMW-3	Water	10/30/12 11:20	11/01/12 09:29
680-84289-3	TMW-1	Water	10/30/12 14:40	11/01/12 09:29
680-84289-4	TMW-4	Water	10/30/12 12:35	11/01/12 09:29
680-84289-5	TMW-5	Water	10/30/12 16:45	11/01/12 09:29
680-84289-6	TMW-7	Water	10/30/12 16:05	11/01/12 09:29
680-84289-7	TMW-6	Water	10/30/12 17:25	11/01/12 09:29
680-84289-8	TMW-8	Water	10/30/12 15:25	11/01/12 09:29
680-84289-9	TMW-Dup	Water	10/30/12 00:00	11/01/12 09:29
680-84289-10	Trip Blank	Water	10/30/12 00:00	11/01/12 09:29
680-84289-11	Equip Blank	Water	10/30/12 18:00	11/01/12 09:29

Method Summary

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAV
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL SAV
6020A	Metals (ICP/MS)	SW846	TAL SAV
7470A	Mercury (CVAA)	SW846	TAL SAV
350.1	Nitrogen, Ammonia	MCAWW	TAL SAV
9056	Anions, Ion Chromatography	SW846	TAL SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Qualifiers

GC/MS VOA

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

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.
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
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits
E	Result exceeded calibration range.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.
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.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
F	MS or MSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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)

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Client Sample ID: TMW-2

Lab Sample ID: 680-84289-1

Date Collected: 10/30/12 10:30

Matrix: Water

Date Received: 11/01/12 09:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	5.0	ug/L			11/09/12 17:00	1
Benzene	ND		1.0	0.25	ug/L			11/09/12 17:00	1
Bromochloromethane	ND		1.0	0.14	ug/L			11/09/12 17:00	1
Bromodichloromethane	ND		1.0	0.25	ug/L			11/09/12 17:00	1
Bromoform	ND		1.0	0.50	ug/L			11/09/12 17:00	1
Bromomethane	ND		1.0	0.80	ug/L			11/09/12 17:00	1
2-Butanone	ND		10	1.0	ug/L			11/09/12 17:00	1
Carbon disulfide	ND		2.0	0.60	ug/L			11/09/12 17:00	1
Carbon tetrachloride	ND		1.0	0.50	ug/L			11/09/12 17:00	1
Chlorobenzene	ND		1.0	0.25	ug/L			11/09/12 17:00	1
Chloroethane	ND		1.0	1.0	ug/L			11/09/12 17:00	1
Chloroform	ND		1.0	0.14	ug/L			11/09/12 17:00	1
Chloromethane	ND		1.0	0.33	ug/L			11/09/12 17:00	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			11/09/12 17:00	1
cis-1,3-Dichloropropene	ND		1.0	0.11	ug/L			11/09/12 17:00	1
Cyclohexane	ND		1.0	0.25	ug/L			11/09/12 17:00	1
Dibromochloromethane	ND		1.0	0.10	ug/L			11/09/12 17:00	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.44	ug/L			11/09/12 17:00	1
1,2-Dibromoethane	ND		1.0	0.25	ug/L			11/09/12 17:00	1
1,2-Dichlorobenzene	ND		1.0	0.21	ug/L			11/09/12 17:00	1
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L			11/09/12 17:00	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			11/09/12 17:00	1
Dichlorodifluoromethane	ND		1.0	0.25	ug/L			11/09/12 17:00	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			11/09/12 17:00	1
1,2-Dichloroethane	ND		1.0	0.10	ug/L			11/09/12 17:00	1
1,1-Dichloroethene	ND		1.0	0.11	ug/L			11/09/12 17:00	1
1,2-Dichloropropane	ND		1.0	0.13	ug/L			11/09/12 17:00	1
1,4-Dioxane	ND		50	50	ug/L			11/09/12 17:00	1
Ethylbenzene	ND		1.0	0.11	ug/L			11/09/12 17:00	1
2-Hexanone	ND		10	1.0	ug/L			11/09/12 17:00	1
Isopropylbenzene	ND		1.0	0.10	ug/L			11/09/12 17:00	1
Methyl acetate	ND		1.0	0.19	ug/L			11/09/12 17:00	1
Methylcyclohexane	ND		1.0	0.10	ug/L			11/09/12 17:00	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/09/12 17:00	1
4-Methyl-2-pentanone	ND		10	1.0	ug/L			11/09/12 17:00	1
Methyl tert-butyl ether	ND		10	0.20	ug/L			11/09/12 17:00	1
m-Xylene & p-Xylene	ND		2.0	0.20	ug/L			11/09/12 17:00	1
o-Xylene	ND		1.0	0.25	ug/L			11/09/12 17:00	1
Styrene	ND		1.0	0.11	ug/L			11/09/12 17:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			11/09/12 17:00	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/09/12 17:00	1
Toluene	ND		1.0	0.33	ug/L			11/09/12 17:00	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			11/09/12 17:00	1
trans-1,3-Dichloropropene	ND		1.0	0.21	ug/L			11/09/12 17:00	1
1,2,3-Trichlorobenzene	ND		1.0	0.35	ug/L			11/09/12 17:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			11/09/12 17:00	1
1,1,1-Trichloroethane	ND		1.0	0.50	ug/L			11/09/12 17:00	1
1,1,2-Trichloroethane	ND		1.0	0.13	ug/L			11/09/12 17:00	1
Trichloroethene	ND		1.0	0.13	ug/L			11/09/12 17:00	1

Client Sample ID: TMW-2

Date Collected: 10/30/12 10:30
Date Received: 11/01/12 09:29

Lab Sample ID: 680-84289-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		1.0	0.25	ug/L			11/09/12 17:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.50	ug/L			11/09/12 17:00	1
Vinyl chloride	ND		1.0	0.18	ug/L			11/09/12 17:00	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrahydrofuran	*2.5*	*J N*	*ug/L*		*3.89*	*109-99-9*		*11/09/12 17:00*	*1*
Diphenyl ether	*5.2*	*T J N*	*ug/L*		*7.90*	*101-84-8*		*11/09/12 17:00*	*1*
Naphthalene	*1.6*	*J N*	*ug/L*		*11.40*	*91-20-3*		*11/09/12 17:00*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*11/09/12 17:00*	*1*
Dibromofluoromethane	*112*		*70 - 130*		*11/09/12 17:00*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*11/09/12 17:00*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.8	0.75	ug/L		11/05/12 15:42	11/11/12 13:20	1
Acenaphthylene	ND		9.8	0.83	ug/L		11/05/12 15:42	11/11/12 13:20	1
Acetophenone	ND		9.8	0.56	ug/L		11/05/12 15:42	11/11/12 13:20	1
Anthracene	ND		9.8	0.68	ug/L		11/05/12 15:42	11/11/12 13:20	1
Atrazine	ND		9.8	1.2	ug/L		11/05/12 15:42	11/11/12 13:20	1
Benzaldehyde	ND		9.8	1.1	ug/L		11/05/12 15:42	11/11/12 13:20	1
Benzo[a]anthracene	ND		9.8	0.54	ug/L		11/05/12 15:42	11/11/12 13:20	1
Benzo[a]pyrene	ND		9.8	0.70	ug/L		11/05/12 15:42	11/11/12 13:20	1
Benzo[b]fluoranthene	ND		9.8	2.6	ug/L		11/05/12 15:42	11/11/12 13:20	1
Benzo[g,h,i]perylene	ND		9.8	0.85	ug/L		11/05/12 15:42	11/11/12 13:20	1
Benzo[k]fluoranthene	ND		9.8	1.2	ug/L		11/05/12 15:42	11/11/12 13:20	1
1,1'-Biphenyl	ND		9.8	0.57	ug/L		11/05/12 15:42	11/11/12 13:20	1
Bis(2-chloroethoxy)methane	ND		9.8	0.92	ug/L		11/05/12 15:42	11/11/12 13:20	1
Bis(2-chloroethyl)ether	ND		9.8	1.1	ug/L		11/05/12 15:42	11/11/12 13:20	1
2,2'-oxybis[1-chloropropane]	ND		9.8	0.77	ug/L		11/05/12 15:42	11/11/12 13:20	1
Bis(2-ethylhexyl) phthalate	ND		9.8	1.6	ug/L		11/05/12 15:42	11/11/12 13:20	1
4-Bromophenyl phenyl ether	ND		9.8	0.76	ug/L		11/05/12 15:42	11/11/12 13:20	1
Butyl benzyl phthalate	ND		9.8	1.2	ug/L		11/05/12 15:42	11/11/12 13:20	1
Caprolactam	ND		9.8	0.78	ug/L		11/05/12 15:42	11/11/12 13:20	1
Carbazole	ND		9.8	0.70	ug/L		11/05/12 15:42	11/11/12 13:20	1
4-Chloroaniline	ND		20	2.2	ug/L		11/05/12 15:42	11/11/12 13:20	1
4-Chloro-3-methylphenol	ND		9.8	0.98	ug/L		11/05/12 15:42	11/11/12 13:20	1
2-Chloronaphthalene	ND		9.8	0.79	ug/L		11/05/12 15:42	11/11/12 13:20	1
2-Chlorophenol	ND		9.8	0.85	ug/L		11/05/12 15:42	11/11/12 13:20	1
4-Chlorophenyl phenyl ether	ND		9.8	0.82	ug/L		11/05/12 15:42	11/11/12 13:20	1
Chrysene	ND		9.8	0.50	ug/L		11/05/12 15:42	11/11/12 13:20	1
Dibenz(a,h)anthracene	ND		9.8	0.98	ug/L		11/05/12 15:42	11/11/12 13:20	1
Dibenzofuran	ND		9.8	0.78	ug/L		11/05/12 15:42	11/11/12 13:20	1
3,3'-Dichlorobenzidine	ND		59	29	ug/L		11/05/12 15:42	11/11/12 13:20	1
2,4-Dichlorophenol	ND		9.8	1.1	ug/L		11/05/12 15:42	11/11/12 13:20	1
Diethyl phthalate	**1.5**	**J**	9.8	0.86	ug/L		11/05/12 15:42	11/11/12 13:20	1
2,4-Dimethylphenol	ND		9.8	3.9	ug/L		11/05/12 15:42	11/11/12 13:20	1
Dimethyl phthalate	ND		9.8	0.97	ug/L		11/05/12 15:42	11/11/12 13:20	1
Di-n-butyl phthalate	ND		9.8	0.81	ug/L		11/05/12 15:42	11/11/12 13:20	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Client Sample ID: TMW-2

Date Collected: 10/30/12 10:30
Date Received: 11/01/12 09:29

Lab Sample ID: 680-84289-1

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		49	9.8	ug/L		11/05/12 15:42	11/11/12 13:20	1
2,4-Dinitrophenol	ND		49	9.8	ug/L		11/05/12 15:42	11/11/12 13:20	1
2,4-Dinitrotoluene	ND		9.8	1.2	ug/L		11/05/12 15:42	11/11/12 13:20	1
2,6-Dinitrotoluene	ND		9.8	1.1	ug/L		11/05/12 15:42	11/11/12 13:20	1
Di-n-octyl phthalate	ND		9.8	1.4	ug/L		11/05/12 15:42	11/11/12 13:20	1
Fluoranthene	ND		9.8	0.73	ug/L		11/05/12 15:42	11/11/12 13:20	1
Fluorene	ND		9.8	0.94	ug/L		11/05/12 15:42	11/11/12 13:20	1
Hexachlorobenzene	ND		9.8	0.78	ug/L		11/05/12 15:42	11/11/12 13:20	1
Hexachlorobutadiene	ND		9.8	0.61	ug/L		11/05/12 15:42	11/11/12 13:20	1
Hexachlorocyclopentadiene	ND		9.8	2.5	ug/L		11/05/12 15:42	11/11/12 13:20	1
Hexachloroethane	ND		9.8	0.75	ug/L		11/05/12 15:42	11/11/12 13:20	1
Indeno[1,2,3-cd]pyrene	ND		9.8	0.98	ug/L		11/05/12 15:42	11/11/12 13:20	1
Isophorone	ND		9.8	0.88	ug/L		11/05/12 15:42	11/11/12 13:20	1
2-Methylnaphthalene	ND		9.8	0.77	ug/L		11/05/12 15:42	11/11/12 13:20	1
2-Methylphenol	ND		9.8	0.87	ug/L		11/05/12 15:42	11/11/12 13:20	1
3 & 4 Methylphenol	ND		9.8	1.3	ug/L		11/05/12 15:42	11/11/12 13:20	1
Naphthalene	ND		9.8	0.69	ug/L		11/05/12 15:42	11/11/12 13:20	1
2-Nitroaniline	ND		49	1.3	ug/L		11/05/12 15:42	11/11/12 13:20	1
3-Nitroaniline	ND		49	4.9	ug/L		11/05/12 15:42	11/11/12 13:20	1
4-Nitroaniline	ND		49	4.9	ug/L		11/05/12 15:42	11/11/12 13:20	1
Nitrobenzene	ND		9.8	0.72	ug/L		11/05/12 15:42	11/11/12 13:20	1
2-Nitrophenol	ND		9.8	0.75	ug/L		11/05/12 15:42	11/11/12 13:20	1
4-Nitrophenol	ND		49	1.9	ug/L		11/05/12 15:42	11/11/12 13:20	1
N-Nitrosodi-n-propylamine	ND		9.8	0.71	ug/L		11/05/12 15:42	11/11/12 13:20	1
N-Nitrosodiphenylamine	ND		9.8	0.90	ug/L		11/05/12 15:42	11/11/12 13:20	1
Pentachlorophenol	ND		49	2.0	ug/L		11/05/12 15:42	11/11/12 13:20	1
Phenanthrene	ND		9.8	0.76	ug/L		11/05/12 15:42	11/11/12 13:20	1
Phenol	ND		9.8	0.81	ug/L		11/05/12 15:42	11/11/12 13:20	1
Pyrene	ND		9.8	0.62	ug/L		11/05/12 15:42	11/11/12 13:20	1
1,2,4,5-Tetrachlorobenzene	ND		9.8	0.75	ug/L		11/05/12 15:42	11/11/12 13:20	1
2,3,4,6-Tetrachlorophenol	ND		9.8	0.71	ug/L		11/05/12 15:42	11/11/12 13:20	1
2,4,5-Trichlorophenol	ND		9.8	1.2	ug/L		11/05/12 15:42	11/11/12 13:20	1
2,4,6-Trichlorophenol	ND		9.8	0.83	ug/L		11/05/12 15:42	11/11/12 13:20	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*11/05/12 15:42*	*11/11/12 13:20*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*64*		*38 - 130*	*11/05/12 15:42*	*11/11/12 13:20*	*1*
2-Fluorophenol	*61*		*25 - 130*	*11/05/12 15:42*	*11/11/12 13:20*	*1*
Nitrobenzene-d5	*65*		*39 - 130*	*11/05/12 15:42*	*11/11/12 13:20*	*1*
Phenol-d5	*55*		*25 - 130*	*11/05/12 15:42*	*11/11/12 13:20*	*1*
Terphenyl-d14	*67*		*10 - 143*	*11/05/12 15:42*	*11/11/12 13:20*	*1*
2,4,6-Tribromophenol	*70*		*31 - 141*	*11/05/12 15:42*	*11/11/12 13:20*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0	0.99	ug/L		11/01/12 13:35	11/03/12 23:26	1
Arsenic	ND		1.0	0.40	ug/L		11/01/12 13:35	11/06/12 08:13	1
Beryllium	ND		0.20	0.070	ug/L		11/01/12 13:35	11/03/12 23:26	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Client Sample ID: TMW-2

Date Collected: 10/30/12 10:30
Date Received: 11/01/12 09:29

Lab Sample ID: 680-84289-1

Matrix: Water

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.50	0.20	ug/L		11/01/12 13:35	11/06/12 08:13	1
Chromium	**3.6**		1.0	0.16	ug/L		11/01/12 13:35	11/06/12 08:13	1
Copper	**2.8**		1.0	0.21	ug/L		11/01/12 13:35	11/06/12 08:13	1
Iron	**28000**		50	20	ug/L		11/01/12 13:35	11/06/12 08:13	1
Lead	ND		0.30	0.080	ug/L		11/01/12 13:35	11/06/12 08:13	1
Manganese	**180**		2.0	0.84	ug/L		11/01/12 13:35	11/06/12 08:13	1
Nickel	**17**		1.0	0.40	ug/L		11/01/12 13:35	11/06/12 08:13	1
Selenium	ND		0.50	0.21	ug/L		11/01/12 13:35	11/06/12 08:13	1
Silver	ND		0.20	0.10	ug/L		11/01/12 13:35	11/06/12 08:13	1
Thallium	ND		0.20	0.10	ug/L		11/01/12 13:35	11/06/12 08:13	1
Zinc	**7.0**	**J**	10	2.6	ug/L		11/01/12 13:35	11/06/12 08:13	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.091	ug/L		11/01/12 14:38	11/06/12 17:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	**59**		50	26	ug/L			11/02/12 19:19	1
Nitrate as N	ND	H	250	75	ug/L			11/01/12 15:05	5
Sulfate	**17000**		5000	2600	ug/L			11/11/12 11:54	5

Client Sample ID: TMW-3

Lab Sample ID: 680-84289-2

Date Collected: 10/30/12 11:20

Matrix: Water

Date Received: 11/01/12 09:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	5.0	ug/L			11/09/12 17:21	1
Benzene	ND		1.0	0.25	ug/L			11/09/12 17:21	1
Bromochloromethane	ND		1.0	0.14	ug/L			11/09/12 17:21	1
Bromodichloromethane	ND		1.0	0.25	ug/L			11/09/12 17:21	1
Bromoform	ND		1.0	0.50	ug/L			11/09/12 17:21	1
Bromomethane	ND		1.0	0.80	ug/L			11/09/12 17:21	1
2-Butanone	ND		10	1.0	ug/L			11/09/12 17:21	1
Carbon disulfide	ND		2.0	0.60	ug/L			11/09/12 17:21	1
Carbon tetrachloride	ND		1.0	0.50	ug/L			11/09/12 17:21	1
Chlorobenzene	**0.26**	**J**	1.0	0.25	ug/L			11/09/12 17:21	1
Chloroethane	ND		1.0	1.0	ug/L			11/09/12 17:21	1
Chloroform	**1.7**		1.0	0.14	ug/L			11/09/12 17:21	1
Chloromethane	ND		1.0	0.33	ug/L			11/09/12 17:21	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			11/09/12 17:21	1
cis-1,3-Dichloropropene	ND		1.0	0.11	ug/L			11/09/12 17:21	1
Cyclohexane	ND		1.0	0.25	ug/L			11/09/12 17:21	1
Dibromochloromethane	ND		1.0	0.10	ug/L			11/09/12 17:21	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.44	ug/L			11/09/12 17:21	1
1,2-Dibromoethane	ND		1.0	0.25	ug/L			11/09/12 17:21	1
1,2-Dichlorobenzene	ND		1.0	0.21	ug/L			11/09/12 17:21	1
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L			11/09/12 17:21	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			11/09/12 17:21	1
Dichlorodifluoromethane	ND		1.0	0.25	ug/L			11/09/12 17:21	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			11/09/12 17:21	1
1,2-Dichloroethane	ND		1.0	0.10	ug/L			11/09/12 17:21	1
1,1-Dichloroethene	ND		1.0	0.11	ug/L			11/09/12 17:21	1
1,2-Dichloropropane	ND		1.0	0.13	ug/L			11/09/12 17:21	1
1,4-Dioxane	ND		50	50	ug/L			11/09/12 17:21	1
Ethylbenzene	ND		1.0	0.11	ug/L			11/09/12 17:21	1
2-Hexanone	ND		10	1.0	ug/L			11/09/12 17:21	1
Isopropylbenzene	ND		1.0	0.10	ug/L			11/09/12 17:21	1
Methyl acetate	ND		1.0	0.19	ug/L			11/09/12 17:21	1
Methylcyclohexane	ND		1.0	0.10	ug/L			11/09/12 17:21	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/09/12 17:21	1
4-Methyl-2-pentanone	ND		10	1.0	ug/L			11/09/12 17:21	1
Methyl tert-butyl ether	ND		10	0.20	ug/L			11/09/12 17:21	1
m-Xylene & p-Xylene	ND		2.0	0.20	ug/L			11/09/12 17:21	1
o-Xylene	ND		1.0	0.25	ug/L			11/09/12 17:21	1
Styrene	ND		1.0	0.11	ug/L			11/09/12 17:21	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			11/09/12 17:21	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/09/12 17:21	1
Toluene	ND		1.0	0.33	ug/L			11/09/12 17:21	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			11/09/12 17:21	1
trans-1,3-Dichloropropene	ND		1.0	0.21	ug/L			11/09/12 17:21	1
1,2,3-Trichlorobenzene	ND		1.0	0.35	ug/L			11/09/12 17:21	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			11/09/12 17:21	1
1,1,1-Trichloroethane	ND		1.0	0.50	ug/L			11/09/12 17:21	1
1,1,2-Trichloroethane	ND		1.0	0.13	ug/L			11/09/12 17:21	1
Trichloroethene	ND		1.0	0.13	ug/L			11/09/12 17:21	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Client Sample ID: TMW-3

Date Collected: 10/30/12 11:20
Date Received: 11/01/12 09:29

Lab Sample ID: 680-84289-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		1.0	0.25	ug/L			11/09/12 17:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.50	ug/L			11/09/12 17:21	1
Vinyl chloride	ND		1.0	0.18	ug/L			11/09/12 17:21	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Propene	*7.8*	*T J N*	*ug/L*		*1.30*	*115-07-1*		*11/09/12 17:21*	*1*
Tetrahydrofuran	*2.1*	*J N*	*ug/L*		*3.89*	*109-99-9*		*11/09/12 17:21*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*11/09/12 17:21*	*1*
Dibromofluoromethane	*113*		*70 - 130*		*11/09/12 17:21*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*11/09/12 17:21*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.8	0.74	ug/L		11/05/12 15:42	11/11/12 13:47	1
Acenaphthylene	ND		9.8	0.83	ug/L		11/05/12 15:42	11/11/12 13:47	1
Acetophenone	ND		9.8	0.56	ug/L		11/05/12 15:42	11/11/12 13:47	1
Anthracene	ND		9.8	0.68	ug/L		11/05/12 15:42	11/11/12 13:47	1
Atrazine	ND		9.8	1.2	ug/L		11/05/12 15:42	11/11/12 13:47	1
Benzaldehyde	ND		9.8	1.1	ug/L		11/05/12 15:42	11/11/12 13:47	1
Benzo[a]anthracene	ND		9.8	0.54	ug/L		11/05/12 15:42	11/11/12 13:47	1
Benzo[a]pyrene	ND		9.8	0.70	ug/L		11/05/12 15:42	11/11/12 13:47	1
Benzo[b]fluoranthene	ND		9.8	2.5	ug/L		11/05/12 15:42	11/11/12 13:47	1
Benzo[g,h,i]perylene	ND		9.8	0.85	ug/L		11/05/12 15:42	11/11/12 13:47	1
Benzo[k]fluoranthene	ND		9.8	1.2	ug/L		11/05/12 15:42	11/11/12 13:47	1
1,1'-Biphenyl	ND		9.8	0.57	ug/L		11/05/12 15:42	11/11/12 13:47	1
Bis(2-chloroethoxy)methane	ND		9.8	0.92	ug/L		11/05/12 15:42	11/11/12 13:47	1
Bis(2-chloroethyl)ether	ND		9.8	1.1	ug/L		11/05/12 15:42	11/11/12 13:47	1
2,2'-oxybis[1-chloropropane]	ND		9.8	0.76	ug/L		11/05/12 15:42	11/11/12 13:47	1
Bis(2-ethylhexyl) phthalate	ND		9.8	1.6	ug/L		11/05/12 15:42	11/11/12 13:47	1
4-Bromophenyl phenyl ether	ND		9.8	0.75	ug/L		11/05/12 15:42	11/11/12 13:47	1
Butyl benzyl phthalate	ND		9.8	1.2	ug/L		11/05/12 15:42	11/11/12 13:47	1
Caprolactam	ND		9.8	0.77	ug/L		11/05/12 15:42	11/11/12 13:47	1
Carbazole	ND		9.8	0.70	ug/L		11/05/12 15:42	11/11/12 13:47	1
4-Chloroaniline	ND		20	2.2	ug/L		11/05/12 15:42	11/11/12 13:47	1
4-Chloro-3-methylphenol	ND		9.8	0.98	ug/L		11/05/12 15:42	11/11/12 13:47	1
2-Chloronaphthalene	ND		9.8	0.78	ug/L		11/05/12 15:42	11/11/12 13:47	1
2-Chlorophenol	ND		9.8	0.85	ug/L		11/05/12 15:42	11/11/12 13:47	1
4-Chlorophenyl phenyl ether	ND		9.8	0.82	ug/L		11/05/12 15:42	11/11/12 13:47	1
Chrysene	ND		9.8	0.50	ug/L		11/05/12 15:42	11/11/12 13:47	1
Dibenz(a,h)anthracene	ND		9.8	0.98	ug/L		11/05/12 15:42	11/11/12 13:47	1
Dibenzofuran	ND		9.8	0.77	ug/L		11/05/12 15:42	11/11/12 13:47	1
3,3'-Dichlorobenzidine	ND		59	29	ug/L		11/05/12 15:42	11/11/12 13:47	1
2,4-Dichlorophenol	ND		9.8	1.1	ug/L		11/05/12 15:42	11/11/12 13:47	1
Diethyl phthalate	**1.4**	**J**	9.8	0.86	ug/L		11/05/12 15:42	11/11/12 13:47	1
2,4-Dimethylphenol	ND		9.8	3.9	ug/L		11/05/12 15:42	11/11/12 13:47	1
Dimethyl phthalate	ND		9.8	0.97	ug/L		11/05/12 15:42	11/11/12 13:47	1
Di-n-butyl phthalate	ND		9.8	0.81	ug/L		11/05/12 15:42	11/11/12 13:47	1
4,6-Dinitro-2-methylphenol	ND		49	9.8	ug/L		11/05/12 15:42	11/11/12 13:47	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Client Sample ID: TMW-3

Date Collected: 10/30/12 11:20
Date Received: 11/01/12 09:29

Lab Sample ID: 680-84289-2

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		49	9.8	ug/L		11/05/12 15:42	11/11/12 13:47	1
2,4-Dinitrotoluene	ND		9.8	1.2	ug/L		11/05/12 15:42	11/11/12 13:47	1
2,6-Dinitrotoluene	ND		9.8	1.1	ug/L		11/05/12 15:42	11/11/12 13:47	1
Di-n-octyl phthalate	ND		9.8	1.4	ug/L		11/05/12 15:42	11/11/12 13:47	1
Fluoranthene	ND		9.8	0.72	ug/L		11/05/12 15:42	11/11/12 13:47	1
Fluorene	ND		9.8	0.94	ug/L		11/05/12 15:42	11/11/12 13:47	1
Hexachlorobenzene	ND		9.8	0.77	ug/L		11/05/12 15:42	11/11/12 13:47	1
Hexachlorobutadiene	ND		9.8	0.61	ug/L		11/05/12 15:42	11/11/12 13:47	1
Hexachlorocyclopentadiene	ND		9.8	2.4	ug/L		11/05/12 15:42	11/11/12 13:47	1
Hexachloroethane	ND		9.8	0.74	ug/L		11/05/12 15:42	11/11/12 13:47	1
Indeno[1,2,3-cd]pyrene	ND		9.8	0.98	ug/L		11/05/12 15:42	11/11/12 13:47	1
Isophorone	ND		9.8	0.88	ug/L		11/05/12 15:42	11/11/12 13:47	1
2-Methylnaphthalene	ND		9.8	0.76	ug/L		11/05/12 15:42	11/11/12 13:47	1
2-Methylphenol	ND		9.8	0.87	ug/L		11/05/12 15:42	11/11/12 13:47	1
3 & 4 Methylphenol	ND		9.8	1.3	ug/L		11/05/12 15:42	11/11/12 13:47	1
Naphthalene	ND		9.8	0.69	ug/L		11/05/12 15:42	11/11/12 13:47	1
2-Nitroaniline	ND		49	1.3	ug/L		11/05/12 15:42	11/11/12 13:47	1
3-Nitroaniline	ND		49	4.9	ug/L		11/05/12 15:42	11/11/12 13:47	1
4-Nitroaniline	ND		49	4.9	ug/L		11/05/12 15:42	11/11/12 13:47	1
Nitrobenzene	ND		9.8	0.71	ug/L		11/05/12 15:42	11/11/12 13:47	1
2-Nitrophenol	ND		9.8	0.74	ug/L		11/05/12 15:42	11/11/12 13:47	1
4-Nitrophenol	ND		49	1.9	ug/L		11/05/12 15:42	11/11/12 13:47	1
N-Nitrosodi-n-propylamine	ND		9.8	0.71	ug/L		11/05/12 15:42	11/11/12 13:47	1
N-Nitrosodiphenylamine	ND		9.8	0.90	ug/L		11/05/12 15:42	11/11/12 13:47	1
Pentachlorophenol	ND		49	2.0	ug/L		11/05/12 15:42	11/11/12 13:47	1
Phenanthrene	ND		9.8	0.75	ug/L		11/05/12 15:42	11/11/12 13:47	1
Phenol	ND		9.8	0.81	ug/L		11/05/12 15:42	11/11/12 13:47	1
Pyrene	ND		9.8	0.62	ug/L		11/05/12 15:42	11/11/12 13:47	1
1,2,4,5-Tetrachlorobenzene	ND		9.8	0.74	ug/L		11/05/12 15:42	11/11/12 13:47	1
2,3,4,6-Tetrachlorophenol	ND		9.8	0.71	ug/L		11/05/12 15:42	11/11/12 13:47	1
2,4,5-Trichlorophenol	ND		9.8	1.2	ug/L		11/05/12 15:42	11/11/12 13:47	1
2,4,6-Trichlorophenol	ND		9.8	0.83	ug/L		11/05/12 15:42	11/11/12 13:47	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*11/05/12 15:42*	*11/11/12 13:47*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*44*		*38 - 130*	*11/05/12 15:42*	*11/11/12 13:47*	*1*
2-Fluorophenol	*41*		*25 - 130*	*11/05/12 15:42*	*11/11/12 13:47*	*1*
Nitrobenzene-d5	*46*		*39 - 130*	*11/05/12 15:42*	*11/11/12 13:47*	*1*
Phenol-d5	*39*		*25 - 130*	*11/05/12 15:42*	*11/11/12 13:47*	*1*
Terphenyl-d14	*53*		*10 - 143*	*11/05/12 15:42*	*11/11/12 13:47*	*1*
2,4,6-Tribromophenol	*46*		*31 - 141*	*11/05/12 15:42*	*11/11/12 13:47*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0	0.99	ug/L		11/01/12 13:35	11/03/12 23:59	1
Arsenic	**0.59**	**J**	1.0	0.40	ug/L		11/01/12 13:35	11/06/12 08:44	1
Beryllium	ND		0.20	0.070	ug/L		11/01/12 13:35	11/03/12 23:59	1
Cadmium	ND		0.50	0.20	ug/L		11/01/12 13:35	11/06/12 08:44	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Client Sample ID: TMW-3

Date Collected: 10/30/12 11:20
Date Received: 11/01/12 09:29

Lab Sample ID: 680-84289-2

Matrix: Water

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.80**	**J**	1.0	0.16	ug/L		11/01/12 13:35	11/06/12 08:44	1
Copper	ND		1.0	0.21	ug/L		11/01/12 13:35	11/06/12 08:44	1
Iron	**6500**		50	20	ug/L		11/01/12 13:35	11/06/12 08:44	1
Lead	**0.16**	**J**	0.30	0.080	ug/L		11/01/12 13:35	11/06/12 08:44	1
Manganese	**180**		2.0	0.84	ug/L		11/01/12 13:35	11/06/12 08:44	1
Nickel	**3.6**		1.0	0.40	ug/L		11/01/12 13:35	11/06/12 08:44	1
Selenium	ND		0.50	0.21	ug/L		11/01/12 13:35	11/06/12 08:44	1
Silver	ND		0.20	0.10	ug/L		11/01/12 13:35	11/06/12 08:44	1
Thallium	ND		0.20	0.10	ug/L		11/01/12 13:35	11/06/12 08:44	1
Zinc	ND		10	2.6	ug/L		11/01/12 13:35	11/06/12 08:44	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.091	ug/L		11/01/12 14:38	11/06/12 17:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	**1400**		50	26	ug/L			11/02/12 18:51	1
Nitrate as N	**130**	**J H**	250	75	ug/L			11/01/12 15:20	5
Sulfate	**12000**		5000	2600	ug/L			11/11/12 12:07	5

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Client Sample ID: TMW-1

Date Collected: 10/30/12 14:40
Date Received: 11/01/12 09:29

Lab Sample ID: 680-84289-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	5.0	ug/L			11/09/12 17:42	1
Benzene	ND		1.0	0.25	ug/L			11/09/12 17:42	1
Bromochloromethane	ND		1.0	0.14	ug/L			11/09/12 17:42	1
Bromodichloromethane	ND		1.0	0.25	ug/L			11/09/12 17:42	1
Bromoform	ND		1.0	0.50	ug/L			11/09/12 17:42	1
Bromomethane	ND		1.0	0.80	ug/L			11/09/12 17:42	1
2-Butanone	ND		10	1.0	ug/L			11/09/12 17:42	1
Carbon disulfide	ND		2.0	0.60	ug/L			11/09/12 17:42	1
Carbon tetrachloride	ND		1.0	0.50	ug/L			11/09/12 17:42	1
Chlorobenzene	ND		1.0	0.25	ug/L			11/09/12 17:42	1
Chloroethane	ND		1.0	1.0	ug/L			11/09/12 17:42	1
Chloroform	ND		1.0	0.14	ug/L			11/09/12 17:42	1
Chloromethane	ND		1.0	0.33	ug/L			11/09/12 17:42	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			11/09/12 17:42	1
cis-1,3-Dichloropropene	ND		1.0	0.11	ug/L			11/09/12 17:42	1
Cyclohexane	ND		1.0	0.25	ug/L			11/09/12 17:42	1
Dibromochloromethane	ND		1.0	0.10	ug/L			11/09/12 17:42	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.44	ug/L			11/09/12 17:42	1
1,2-Dibromoethane	ND		1.0	0.25	ug/L			11/09/12 17:42	1
1,2-Dichlorobenzene	ND		1.0	0.21	ug/L			11/09/12 17:42	1
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L			11/09/12 17:42	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			11/09/12 17:42	1
Dichlorodifluoromethane	ND		1.0	0.25	ug/L			11/09/12 17:42	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			11/09/12 17:42	1
1,2-Dichloroethane	ND		1.0	0.10	ug/L			11/09/12 17:42	1
1,1-Dichloroethene	ND		1.0	0.11	ug/L			11/09/12 17:42	1
1,2-Dichloropropane	ND		1.0	0.13	ug/L			11/09/12 17:42	1
1,4-Dioxane	ND		50	50	ug/L			11/09/12 17:42	1
Ethylbenzene	ND		1.0	0.11	ug/L			11/09/12 17:42	1
2-Hexanone	ND		10	1.0	ug/L			11/09/12 17:42	1
Isopropylbenzene	ND		1.0	0.10	ug/L			11/09/12 17:42	1
Methyl acetate	ND		1.0	0.19	ug/L			11/09/12 17:42	1
Methylcyclohexane	ND		1.0	0.10	ug/L			11/09/12 17:42	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/09/12 17:42	1
4-Methyl-2-pentanone	ND		10	1.0	ug/L			11/09/12 17:42	1
Methyl tert-butyl ether	ND		10	0.20	ug/L			11/09/12 17:42	1
m-Xylene & p-Xylene	ND		2.0	0.20	ug/L			11/09/12 17:42	1
o-Xylene	ND		1.0	0.25	ug/L			11/09/12 17:42	1
Styrene	ND		1.0	0.11	ug/L			11/09/12 17:42	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			11/09/12 17:42	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/09/12 17:42	1
Toluene	ND		1.0	0.33	ug/L			11/09/12 17:42	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			11/09/12 17:42	1
trans-1,3-Dichloropropene	ND		1.0	0.21	ug/L			11/09/12 17:42	1
1,2,3-Trichlorobenzene	ND		1.0	0.35	ug/L			11/09/12 17:42	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			11/09/12 17:42	1
1,1,1-Trichloroethane	ND		1.0	0.50	ug/L			11/09/12 17:42	1
1,1,2-Trichloroethane	ND		1.0	0.13	ug/L			11/09/12 17:42	1
Trichloroethene	ND		1.0	0.13	ug/L			11/09/12 17:42	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Client Sample ID: TMW-1

Date Collected: 10/30/12 14:40
Date Received: 11/01/12 09:29

Lab Sample ID: 680-84289-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		1.0	0.25	ug/L			11/09/12 17:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.50	ug/L			11/09/12 17:42	1
Vinyl chloride	ND		1.0	0.18	ug/L			11/09/12 17:42	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Propene	*7.7*	*T J N*	*ug/L*		*1.30*	*115-07-1*		*11/09/12 17:42*	*1*
Tetrahydrofuran	*1.9*	*J N*	*ug/L*		*3.89*	*109-99-9*		*11/09/12 17:42*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*11/09/12 17:42*	*1*
Dibromofluoromethane	*113*		*70 - 130*		*11/09/12 17:42*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*11/09/12 17:42*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.5	0.72	ug/L		11/05/12 15:42	11/11/12 14:14	1
Acenaphthylene	ND		9.5	0.81	ug/L		11/05/12 15:42	11/11/12 14:14	1
Acetophenone	ND		9.5	0.54	ug/L		11/05/12 15:42	11/11/12 14:14	1
Anthracene	ND		9.5	0.66	ug/L		11/05/12 15:42	11/11/12 14:14	1
Atrazine	ND		9.5	1.1	ug/L		11/05/12 15:42	11/11/12 14:14	1
Benzaldehyde	ND		9.5	1.0	ug/L		11/05/12 15:42	11/11/12 14:14	1
Benzo[a]anthracene	ND		9.5	0.52	ug/L		11/05/12 15:42	11/11/12 14:14	1
Benzo[a]pyrene	ND		9.5	0.67	ug/L		11/05/12 15:42	11/11/12 14:14	1
Benzo[b]fluoranthene	ND		9.5	2.5	ug/L		11/05/12 15:42	11/11/12 14:14	1
Benzo[g,h,i]perylene	ND		9.5	0.83	ug/L		11/05/12 15:42	11/11/12 14:14	1
Benzo[k]fluoranthene	ND		9.5	1.1	ug/L		11/05/12 15:42	11/11/12 14:14	1
1,1'-Biphenyl	ND		9.5	0.55	ug/L		11/05/12 15:42	11/11/12 14:14	1
Bis(2-chloroethoxy)methane	ND		9.5	0.89	ug/L		11/05/12 15:42	11/11/12 14:14	1
Bis(2-chloroethyl)ether	ND		9.5	1.0	ug/L		11/05/12 15:42	11/11/12 14:14	1
2,2'-oxybis[1-chloropropane]	ND		9.5	0.74	ug/L		11/05/12 15:42	11/11/12 14:14	1
Bis(2-ethylhexyl) phthalate	ND		9.5	1.5	ug/L		11/05/12 15:42	11/11/12 14:14	1
4-Bromophenyl phenyl ether	ND		9.5	0.73	ug/L		11/05/12 15:42	11/11/12 14:14	1
Butyl benzyl phthalate	ND		9.5	1.1	ug/L		11/05/12 15:42	11/11/12 14:14	1
Caprolactam	ND		9.5	0.75	ug/L		11/05/12 15:42	11/11/12 14:14	1
Carbazole	ND		9.5	0.67	ug/L		11/05/12 15:42	11/11/12 14:14	1
4-Chloroaniline	ND		19	2.1	ug/L		11/05/12 15:42	11/11/12 14:14	1
4-Chloro-3-methylphenol	ND		9.5	0.95	ug/L		11/05/12 15:42	11/11/12 14:14	1
2-Chloronaphthalene	ND		9.5	0.76	ug/L		11/05/12 15:42	11/11/12 14:14	1
2-Chlorophenol	ND		9.5	0.83	ug/L		11/05/12 15:42	11/11/12 14:14	1
4-Chlorophenyl phenyl ether	ND		9.5	0.80	ug/L		11/05/12 15:42	11/11/12 14:14	1
Chrysene	ND		9.5	0.48	ug/L		11/05/12 15:42	11/11/12 14:14	1
Dibenz(a,h)anthracene	ND		9.5	0.95	ug/L		11/05/12 15:42	11/11/12 14:14	1
Dibenzofuran	ND		9.5	0.75	ug/L		11/05/12 15:42	11/11/12 14:14	1
3,3'-Dichlorobenzidine	ND		57	28	ug/L		11/05/12 15:42	11/11/12 14:14	1
2,4-Dichlorophenol	ND		9.5	1.0	ug/L		11/05/12 15:42	11/11/12 14:14	1
Diethyl phthalate	ND		9.5	0.84	ug/L		11/05/12 15:42	11/11/12 14:14	1
2,4-Dimethylphenol	ND		9.5	3.8	ug/L		11/05/12 15:42	11/11/12 14:14	1
Dimethyl phthalate	ND		9.5	0.94	ug/L		11/05/12 15:42	11/11/12 14:14	1
Di-n-butyl phthalate	ND		9.5	0.79	ug/L		11/05/12 15:42	11/11/12 14:14	1
4,6-Dinitro-2-methylphenol	ND		47	9.5	ug/L		11/05/12 15:42	11/11/12 14:14	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Client Sample ID: TMW-1

Date Collected: 10/30/12 14:40
Date Received: 11/01/12 09:29

Lab Sample ID: 680-84289-3

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		47	9.5	ug/L		11/05/12 15:42	11/11/12 14:14	1
2,4-Dinitrotoluene	ND		9.5	1.1	ug/L		11/05/12 15:42	11/11/12 14:14	1
2,6-Dinitrotoluene	ND		9.5	1.0	ug/L		11/05/12 15:42	11/11/12 14:14	1
Di-n-octyl phthalate	ND		9.5	1.3	ug/L		11/05/12 15:42	11/11/12 14:14	1
Fluoranthene	ND		9.5	0.70	ug/L		11/05/12 15:42	11/11/12 14:14	1
Fluorene	ND		9.5	0.91	ug/L		11/05/12 15:42	11/11/12 14:14	1
Hexachlorobenzene	ND		9.5	0.75	ug/L		11/05/12 15:42	11/11/12 14:14	1
Hexachlorobutadiene	ND		9.5	0.59	ug/L		11/05/12 15:42	11/11/12 14:14	1
Hexachlorocyclopentadiene	ND		9.5	2.4	ug/L		11/05/12 15:42	11/11/12 14:14	1
Hexachloroethane	ND		9.5	0.72	ug/L		11/05/12 15:42	11/11/12 14:14	1
Indeno[1,2,3-cd]pyrene	ND		9.5	0.95	ug/L		11/05/12 15:42	11/11/12 14:14	1
Isophorone	ND		9.5	0.85	ug/L		11/05/12 15:42	11/11/12 14:14	1
2-Methylnaphthalene	ND		9.5	0.74	ug/L		11/05/12 15:42	11/11/12 14:14	1
2-Methylphenol	ND		9.5	0.85	ug/L		11/05/12 15:42	11/11/12 14:14	1
3 & 4 Methylphenol	ND		9.5	1.2	ug/L		11/05/12 15:42	11/11/12 14:14	1
Naphthalene	ND		9.5	0.66	ug/L		11/05/12 15:42	11/11/12 14:14	1
2-Nitroaniline	ND		47	1.2	ug/L		11/05/12 15:42	11/11/12 14:14	1
3-Nitroaniline	ND		47	4.7	ug/L		11/05/12 15:42	11/11/12 14:14	1
4-Nitroaniline	ND		47	4.7	ug/L		11/05/12 15:42	11/11/12 14:14	1
Nitrobenzene	ND		9.5	0.69	ug/L		11/05/12 15:42	11/11/12 14:14	1
2-Nitrophenol	ND		9.5	0.72	ug/L		11/05/12 15:42	11/11/12 14:14	1
4-Nitrophenol	ND		47	1.8	ug/L		11/05/12 15:42	11/11/12 14:14	1
N-Nitrosodi-n-propylamine	ND		9.5	0.68	ug/L		11/05/12 15:42	11/11/12 14:14	1
N-Nitrosodiphenylamine	ND		9.5	0.87	ug/L		11/05/12 15:42	11/11/12 14:14	1
Pentachlorophenol	ND		47	1.9	ug/L		11/05/12 15:42	11/11/12 14:14	1
Phenanthrene	ND		9.5	0.73	ug/L		11/05/12 15:42	11/11/12 14:14	1
Phenol	ND		9.5	0.79	ug/L		11/05/12 15:42	11/11/12 14:14	1
Pyrene	ND		9.5	0.60	ug/L		11/05/12 15:42	11/11/12 14:14	1
1,2,4,5-Tetrachlorobenzene	ND		9.5	0.72	ug/L		11/05/12 15:42	11/11/12 14:14	1
2,3,4,6-Tetrachlorophenol	ND		9.5	0.68	ug/L		11/05/12 15:42	11/11/12 14:14	1
2,4,5-Trichlorophenol	ND		9.5	1.1	ug/L		11/05/12 15:42	11/11/12 14:14	1
2,4,6-Trichlorophenol	ND		9.5	0.81	ug/L		11/05/12 15:42	11/11/12 14:14	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*11/05/12 15:42*	*11/11/12 14:14*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*62*		*38 - 130*	*11/05/12 15:42*	*11/11/12 14:14*	*1*
2-Fluorophenol	*51*		*25 - 130*	*11/05/12 15:42*	*11/11/12 14:14*	*1*
Nitrobenzene-d5	*57*		*39 - 130*	*11/05/12 15:42*	*11/11/12 14:14*	*1*
Phenol-d5	*55*		*25 - 130*	*11/05/12 15:42*	*11/11/12 14:14*	*1*
Terphenyl-d14	*27*		*10 - 143*	*11/05/12 15:42*	*11/11/12 14:14*	*1*
2,4,6-Tribromophenol	*73*		*31 - 141*	*11/05/12 15:42*	*11/11/12 14:14*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0	0.99	ug/L		11/01/12 13:35	11/04/12 00:06	1
Arsenic	**2.0**		1.0	0.40	ug/L		11/01/12 13:35	11/06/12 08:50	1
Beryllium	ND		0.20	0.070	ug/L		11/01/12 13:35	11/04/12 00:06	1
Cadmium	ND		0.50	0.20	ug/L		11/01/12 13:35	11/06/12 08:50	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Client Sample ID: TMW-1

Date Collected: 10/30/12 14:40
Date Received: 11/01/12 09:29

Lab Sample ID: 680-84289-3

Matrix: Water

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**5.9**		1.0	0.16	ug/L		11/01/12 13:35	11/06/12 08:50	1
Copper	**0.40**	**J**	1.0	0.21	ug/L		11/01/12 13:35	11/06/12 08:50	1
Iron	**47000**		50	20	ug/L		11/01/12 13:35	11/06/12 08:50	1
Lead	ND		0.30	0.080	ug/L		11/01/12 13:35	11/06/12 08:50	1
Manganese	**590**		2.0	0.84	ug/L		11/01/12 13:35	11/06/12 08:50	1
Nickel	**20**		1.0	0.40	ug/L		11/01/12 13:35	11/06/12 08:50	1
Selenium	**0.42**	**J**	0.50	0.21	ug/L		11/01/12 13:35	11/06/12 08:50	1
Silver	ND		0.20	0.10	ug/L		11/01/12 13:35	11/06/12 08:50	1
Thallium	ND		0.20	0.10	ug/L		11/01/12 13:35	11/06/12 08:50	1
Zinc	**12**		10	2.6	ug/L		11/01/12 13:35	11/06/12 08:50	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.091	ug/L		11/01/12 14:38	11/06/12 17:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	**1700**		50	26	ug/L			11/02/12 18:51	1
Nitrate as N	ND		250	75	ug/L			11/01/12 12:46	5
Sulfate	**31000**		5000	2600	ug/L			11/11/12 12:19	5

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Client Sample ID: TMW-4

Date Collected: 10/30/12 12:35
Date Received: 11/01/12 09:29

Lab Sample ID: 680-84289-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	5.0	J	25	5.0	ug/L			11/09/12 18:04	1
Benzene	ND		1.0	0.25	ug/L			11/09/12 18:04	1
Bromochloromethane	ND		1.0	0.14	ug/L			11/09/12 18:04	1
Bromodichloromethane	ND		1.0	0.25	ug/L			11/09/12 18:04	1
Bromoform	ND		1.0	0.50	ug/L			11/09/12 18:04	1
Bromomethane	ND		1.0	0.80	ug/L			11/09/12 18:04	1
2-Butanone	ND		10	1.0	ug/L			11/09/12 18:04	1
Carbon disulfide	ND		2.0	0.60	ug/L			11/09/12 18:04	1
Carbon tetrachloride	ND		1.0	0.50	ug/L			11/09/12 18:04	1
Chlorobenzene	ND		1.0	0.25	ug/L			11/09/12 18:04	1
Chloroethane	ND		1.0	1.0	ug/L			11/09/12 18:04	1
Chloroform	ND		1.0	0.14	ug/L			11/09/12 18:04	1
Chloromethane	ND		1.0	0.33	ug/L			11/09/12 18:04	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			11/09/12 18:04	1
cis-1,3-Dichloropropene	ND		1.0	0.11	ug/L			11/09/12 18:04	1
Cyclohexane	ND		1.0	0.25	ug/L			11/09/12 18:04	1
Dibromochloromethane	ND		1.0	0.10	ug/L			11/09/12 18:04	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.44	ug/L			11/09/12 18:04	1
1,2-Dibromoethane	ND		1.0	0.25	ug/L			11/09/12 18:04	1
1,2-Dichlorobenzene	ND		1.0	0.21	ug/L			11/09/12 18:04	1
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L			11/09/12 18:04	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			11/09/12 18:04	1
Dichlorodifluoromethane	ND		1.0	0.25	ug/L			11/09/12 18:04	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			11/09/12 18:04	1
1,2-Dichloroethane	ND		1.0	0.10	ug/L			11/09/12 18:04	1
1,1-Dichloroethene	ND		1.0	0.11	ug/L			11/09/12 18:04	1
1,2-Dichloropropane	ND		1.0	0.13	ug/L			11/09/12 18:04	1
1,4-Dioxane	ND		50	50	ug/L			11/09/12 18:04	1
Ethylbenzene	ND		1.0	0.11	ug/L			11/09/12 18:04	1
2-Hexanone	ND		10	1.0	ug/L			11/09/12 18:04	1
Isopropylbenzene	ND		1.0	0.10	ug/L			11/09/12 18:04	1
Methyl acetate	ND		1.0	0.19	ug/L			11/09/12 18:04	1
Methylcyclohexane	ND		1.0	0.10	ug/L			11/09/12 18:04	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/09/12 18:04	1
4-Methyl-2-pentanone	ND		10	1.0	ug/L			11/09/12 18:04	1
Methyl tert-butyl ether	ND		10	0.20	ug/L			11/09/12 18:04	1
m-Xylene & p-Xylene	ND		2.0	0.20	ug/L			11/09/12 18:04	1
o-Xylene	ND		1.0	0.25	ug/L			11/09/12 18:04	1
Styrene	ND		1.0	0.11	ug/L			11/09/12 18:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			11/09/12 18:04	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/09/12 18:04	1
Toluene	ND		1.0	0.33	ug/L			11/09/12 18:04	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			11/09/12 18:04	1
trans-1,3-Dichloropropene	ND		1.0	0.21	ug/L			11/09/12 18:04	1
1,2,3-Trichlorobenzene	ND		1.0	0.35	ug/L			11/09/12 18:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			11/09/12 18:04	1
1,1,1-Trichloroethane	ND		1.0	0.50	ug/L			11/09/12 18:04	1
1,1,2-Trichloroethane	ND		1.0	0.13	ug/L			11/09/12 18:04	1
Trichloroethene	ND		1.0	0.13	ug/L			11/09/12 18:04	1

Client Sample ID: TMW-4

Date Collected: 10/30/12 12:35
Date Received: 11/01/12 09:29

Lab Sample ID: 680-84289-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		1.0	0.25	ug/L			11/09/12 18:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.50	ug/L			11/09/12 18:04	1
Vinyl chloride	ND		1.0	0.18	ug/L			11/09/12 18:04	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Propene	*9.8*	*T J N*	*ug/L*		*1.30*	*115-07-1*		*11/09/12 18:04*	*1*
Tetrahydrofuran	*2.9*	*J N*	*ug/L*		*3.89*	*109-99-9*		*11/09/12 18:04*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*11/09/12 18:04*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*11/09/12 18:04*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*11/09/12 18:04*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.5	0.72	ug/L		11/05/12 15:42	11/11/12 14:42	1
Acenaphthylene	ND		9.5	0.81	ug/L		11/05/12 15:42	11/11/12 14:42	1
Acetophenone	ND		9.5	0.54	ug/L		11/05/12 15:42	11/11/12 14:42	1
Anthracene	ND		9.5	0.66	ug/L		11/05/12 15:42	11/11/12 14:42	1
Atrazine	ND		9.5	1.1	ug/L		11/05/12 15:42	11/11/12 14:42	1
Benzaldehyde	ND		9.5	1.0	ug/L		11/05/12 15:42	11/11/12 14:42	1
Benzo[a]anthracene	ND		9.5	0.52	ug/L		11/05/12 15:42	11/11/12 14:42	1
Benzo[a]pyrene	ND		9.5	0.68	ug/L		11/05/12 15:42	11/11/12 14:42	1
Benzo[b]fluoranthene	ND		9.5	2.5	ug/L		11/05/12 15:42	11/11/12 14:42	1
Benzo[g,h,i]perylene	ND		9.5	0.83	ug/L		11/05/12 15:42	11/11/12 14:42	1
Benzo[k]fluoranthene	ND		9.5	1.1	ug/L		11/05/12 15:42	11/11/12 14:42	1
1,1'-Biphenyl	ND		9.5	0.55	ug/L		11/05/12 15:42	11/11/12 14:42	1
Bis(2-chloroethoxy)methane	ND		9.5	0.89	ug/L		11/05/12 15:42	11/11/12 14:42	1
Bis(2-chloroethyl)ether	ND		9.5	1.0	ug/L		11/05/12 15:42	11/11/12 14:42	1
2,2'-oxybis[1-chloropropane]	ND		9.5	0.74	ug/L		11/05/12 15:42	11/11/12 14:42	1
Bis(2-ethylhexyl) phthalate	ND		9.5	1.5	ug/L		11/05/12 15:42	11/11/12 14:42	1
4-Bromophenyl phenyl ether	ND		9.5	0.73	ug/L		11/05/12 15:42	11/11/12 14:42	1
Butyl benzyl phthalate	ND		9.5	1.1	ug/L		11/05/12 15:42	11/11/12 14:42	1
Caprolactam	ND		9.5	0.75	ug/L		11/05/12 15:42	11/11/12 14:42	1
Carbazole	ND		9.5	0.68	ug/L		11/05/12 15:42	11/11/12 14:42	1
4-Chloroaniline	ND		19	2.1	ug/L		11/05/12 15:42	11/11/12 14:42	1
4-Chloro-3-methylphenol	ND		9.5	0.95	ug/L		11/05/12 15:42	11/11/12 14:42	1
2-Chloronaphthalene	ND		9.5	0.76	ug/L		11/05/12 15:42	11/11/12 14:42	1
2-Chlorophenol	ND		9.5	0.83	ug/L		11/05/12 15:42	11/11/12 14:42	1
4-Chlorophenyl phenyl ether	ND		9.5	0.80	ug/L		11/05/12 15:42	11/11/12 14:42	1
Chrysene	ND		9.5	0.49	ug/L		11/05/12 15:42	11/11/12 14:42	1
Dibenz(a,h)anthracene	ND		9.5	0.95	ug/L		11/05/12 15:42	11/11/12 14:42	1
Dibenzofuran	ND		9.5	0.75	ug/L		11/05/12 15:42	11/11/12 14:42	1
3,3'-Dichlorobenzidine	ND		57	29	ug/L		11/05/12 15:42	11/11/12 14:42	1
2,4-Dichlorophenol	ND		9.5	1.0	ug/L		11/05/12 15:42	11/11/12 14:42	1
Diethyl phthalate	**1.1**	**J**	9.5	0.84	ug/L		11/05/12 15:42	11/11/12 14:42	1
2,4-Dimethylphenol	ND		9.5	3.8	ug/L		11/05/12 15:42	11/11/12 14:42	1
Dimethyl phthalate	ND		9.5	0.94	ug/L		11/05/12 15:42	11/11/12 14:42	1
Di-n-butyl phthalate	ND		9.5	0.79	ug/L		11/05/12 15:42	11/11/12 14:42	1
4,6-Dinitro-2-methylphenol	ND		48	9.5	ug/L		11/05/12 15:42	11/11/12 14:42	1

Client Sample ID: TMW-4

Lab Sample ID: 680-84289-4

Date Collected: 10/30/12 12:35

Matrix: Water

Date Received: 11/01/12 09:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		48	9.5	ug/L		11/05/12 15:42	11/11/12 14:42	1
2,4-Dinitrotoluene	ND		9.5	1.1	ug/L		11/05/12 15:42	11/11/12 14:42	1
2,6-Dinitrotoluene	ND		9.5	1.0	ug/L		11/05/12 15:42	11/11/12 14:42	1
Di-n-octyl phthalate	ND		9.5	1.3	ug/L		11/05/12 15:42	11/11/12 14:42	1
Fluoranthene	ND		9.5	0.70	ug/L		11/05/12 15:42	11/11/12 14:42	1
Fluorene	ND		9.5	0.91	ug/L		11/05/12 15:42	11/11/12 14:42	1
Hexachlorobenzene	ND		9.5	0.75	ug/L		11/05/12 15:42	11/11/12 14:42	1
Hexachlorobutadiene	ND		9.5	0.59	ug/L		11/05/12 15:42	11/11/12 14:42	1
Hexachlorocyclopentadiene	ND		9.5	2.4	ug/L		11/05/12 15:42	11/11/12 14:42	1
Hexachloroethane	ND		9.5	0.72	ug/L		11/05/12 15:42	11/11/12 14:42	1
Indeno[1,2,3-cd]pyrene	ND		9.5	0.95	ug/L		11/05/12 15:42	11/11/12 14:42	1
Isophorone	ND		9.5	0.86	ug/L		11/05/12 15:42	11/11/12 14:42	1
2-Methylnaphthalene	ND		9.5	0.74	ug/L		11/05/12 15:42	11/11/12 14:42	1
2-Methylphenol	ND		9.5	0.85	ug/L		11/05/12 15:42	11/11/12 14:42	1
3 & 4 Methylphenol	ND		9.5	1.2	ug/L		11/05/12 15:42	11/11/12 14:42	1
Naphthalene	ND		9.5	0.67	ug/L		11/05/12 15:42	11/11/12 14:42	1
2-Nitroaniline	ND		48	1.2	ug/L		11/05/12 15:42	11/11/12 14:42	1
3-Nitroaniline	ND		48	4.8	ug/L		11/05/12 15:42	11/11/12 14:42	1
4-Nitroaniline	ND		48	4.8	ug/L		11/05/12 15:42	11/11/12 14:42	1
Nitrobenzene	ND		9.5	0.69	ug/L		11/05/12 15:42	11/11/12 14:42	1
2-Nitrophenol	ND		9.5	0.72	ug/L		11/05/12 15:42	11/11/12 14:42	1
4-Nitrophenol	ND		48	1.8	ug/L		11/05/12 15:42	11/11/12 14:42	1
N-Nitrosodi-n-propylamine	ND		9.5	0.68	ug/L		11/05/12 15:42	11/11/12 14:42	1
N-Nitrosodiphenylamine	ND		9.5	0.88	ug/L		11/05/12 15:42	11/11/12 14:42	1
Pentachlorophenol	ND		48	1.9	ug/L		11/05/12 15:42	11/11/12 14:42	1
Phenanthrene	ND		9.5	0.73	ug/L		11/05/12 15:42	11/11/12 14:42	1
Phenol	ND		9.5	0.79	ug/L		11/05/12 15:42	11/11/12 14:42	1
Pyrene	ND		9.5	0.60	ug/L		11/05/12 15:42	11/11/12 14:42	1
1,2,4,5-Tetrachlorobenzene	ND		9.5	0.72	ug/L		11/05/12 15:42	11/11/12 14:42	1
2,3,4,6-Tetrachlorophenol	ND		9.5	0.68	ug/L		11/05/12 15:42	11/11/12 14:42	1
2,4,5-Trichlorophenol	ND		9.5	1.1	ug/L		11/05/12 15:42	11/11/12 14:42	1
2,4,6-Trichlorophenol	ND		9.5	0.81	ug/L		11/05/12 15:42	11/11/12 14:42	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*11/05/12 15:42*	*11/11/12 14:42*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*62*		*38 - 130*	*11/05/12 15:42*	*11/11/12 14:42*	*1*
2-Fluorophenol	*48*		*25 - 130*	*11/05/12 15:42*	*11/11/12 14:42*	*1*
Nitrobenzene-d5	*64*		*39 - 130*	*11/05/12 15:42*	*11/11/12 14:42*	*1*
Phenol-d5	*46*		*25 - 130*	*11/05/12 15:42*	*11/11/12 14:42*	*1*
Terphenyl-d14	*48*		*10 - 143*	*11/05/12 15:42*	*11/11/12 14:42*	*1*
2,4,6-Tribromophenol	*64*		*31 - 141*	*11/05/12 15:42*	*11/11/12 14:42*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0	0.99	ug/L		11/01/12 13:35	11/04/12 00:13	1
Arsenic	ND		1.0	0.40	ug/L		11/01/12 13:35	11/06/12 08:56	1
Beryllium	ND		0.20	0.070	ug/L		11/01/12 13:35	11/04/12 00:13	1
Cadmium	ND		0.50	0.20	ug/L		11/01/12 13:35	11/06/12 08:56	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Client Sample ID: TMW-4

Date Collected: 10/30/12 12:35
Date Received: 11/01/12 09:29

Lab Sample ID: 680-84289-4

Matrix: Water

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**2.4**		1.0	0.16	ug/L		11/01/12 13:35	11/06/12 08:56	1
Copper	**0.92**	**J**	1.0	0.21	ug/L		11/01/12 13:35	11/06/12 08:56	1
Iron	**6500**		50	20	ug/L		11/01/12 13:35	11/06/12 08:56	1
Lead	**0.16**	**J**	0.30	0.080	ug/L		11/01/12 13:35	11/06/12 08:56	1
Manganese	**270**		2.0	0.84	ug/L		11/01/12 13:35	11/06/12 08:56	1
Nickel	**3.9**		1.0	0.40	ug/L		11/01/12 13:35	11/06/12 08:56	1
Selenium	ND		0.50	0.21	ug/L		11/01/12 13:35	11/06/12 08:56	1
Silver	ND		0.20	0.10	ug/L		11/01/12 13:35	11/06/12 08:56	1
Thallium	ND		0.20	0.10	ug/L		11/01/12 13:35	11/06/12 08:56	1
Zinc	ND		10	2.6	ug/L		11/01/12 13:35	11/06/12 08:56	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.091	ug/L		11/01/12 14:38	11/06/12 17:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	**830**		50	26	ug/L			11/02/12 18:51	1
Nitrate as N	**3000**		250	75	ug/L			11/01/12 12:00	5
Sulfate	**14000**		5000	2600	ug/L			11/11/12 13:21	5

Client Sample ID: TMW-5

Lab Sample ID: 680-84289-5

Date Collected: 10/30/12 16:45

Matrix: Water

Date Received: 11/01/12 09:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	5.0	ug/L			11/09/12 18:25	1
Benzene	**0.46**	**J**	1.0	0.25	ug/L			11/09/12 18:25	1
Bromochloromethane	ND		1.0	0.14	ug/L			11/09/12 18:25	1
Bromodichloromethane	ND		1.0	0.25	ug/L			11/09/12 18:25	1
Bromoform	ND		1.0	0.50	ug/L			11/09/12 18:25	1
Bromomethane	ND		1.0	0.80	ug/L			11/09/12 18:25	1
2-Butanone	ND		10	1.0	ug/L			11/09/12 18:25	1
Carbon disulfide	ND		2.0	0.60	ug/L			11/09/12 18:25	1
Carbon tetrachloride	ND		1.0	0.50	ug/L			11/09/12 18:25	1
Chlorobenzene	**9.7**		1.0	0.25	ug/L			11/09/12 18:25	1
Chloroethane	ND		1.0	1.0	ug/L			11/09/12 18:25	1
Chloroform	ND		1.0	0.14	ug/L			11/09/12 18:25	1
Chloromethane	ND		1.0	0.33	ug/L			11/09/12 18:25	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			11/09/12 18:25	1
cis-1,3-Dichloropropene	ND		1.0	0.11	ug/L			11/09/12 18:25	1
Cyclohexane	ND		1.0	0.25	ug/L			11/09/12 18:25	1
Dibromochloromethane	ND		1.0	0.10	ug/L			11/09/12 18:25	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.44	ug/L			11/09/12 18:25	1
1,2-Dibromoethane	ND		1.0	0.25	ug/L			11/09/12 18:25	1
1,2-Dichlorobenzene	**0.59**	**J**	1.0	0.21	ug/L			11/09/12 18:25	1
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L			11/09/12 18:25	1
1,4-Dichlorobenzene	**4.5**		1.0	0.28	ug/L			11/09/12 18:25	1
Dichlorodifluoromethane	ND		1.0	0.25	ug/L			11/09/12 18:25	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			11/09/12 18:25	1
1,2-Dichloroethane	ND		1.0	0.10	ug/L			11/09/12 18:25	1
1,1-Dichloroethene	ND		1.0	0.11	ug/L			11/09/12 18:25	1
1,2-Dichloropropane	ND		1.0	0.13	ug/L			11/09/12 18:25	1
1,4-Dioxane	ND		50	50	ug/L			11/09/12 18:25	1
Ethylbenzene	ND		1.0	0.11	ug/L			11/09/12 18:25	1
2-Hexanone	ND		10	1.0	ug/L			11/09/12 18:25	1
Isopropylbenzene	**0.63**	**J**	1.0	0.10	ug/L			11/09/12 18:25	1
Methyl acetate	ND		1.0	0.19	ug/L			11/09/12 18:25	1
Methylcyclohexane	ND		1.0	0.10	ug/L			11/09/12 18:25	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/09/12 18:25	1
4-Methyl-2-pentanone	ND		10	1.0	ug/L			11/09/12 18:25	1
Methyl tert-butyl ether	ND		10	0.20	ug/L			11/09/12 18:25	1
m-Xylene & p-Xylene	ND		2.0	0.20	ug/L			11/09/12 18:25	1
o-Xylene	ND		1.0	0.25	ug/L			11/09/12 18:25	1
Styrene	ND		1.0	0.11	ug/L			11/09/12 18:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			11/09/12 18:25	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/09/12 18:25	1
Toluene	ND		1.0	0.33	ug/L			11/09/12 18:25	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			11/09/12 18:25	1
trans-1,3-Dichloropropene	ND		1.0	0.21	ug/L			11/09/12 18:25	1
1,2,3-Trichlorobenzene	ND		1.0	0.35	ug/L			11/09/12 18:25	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			11/09/12 18:25	1
1,1,1-Trichloroethane	ND		1.0	0.50	ug/L			11/09/12 18:25	1
1,1,2-Trichloroethane	ND		1.0	0.13	ug/L			11/09/12 18:25	1
Trichloroethene	ND		1.0	0.13	ug/L			11/09/12 18:25	1

Client Sample ID: TMW-5

Date Collected: 10/30/12 16:45
Date Received: 11/01/12 09:29

Lab Sample ID: 680-84289-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		1.0	0.25	ug/L			11/09/12 18:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.50	ug/L			11/09/12 18:25	1
Vinyl chloride	ND		1.0	0.18	ug/L			11/09/12 18:25	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrahydrofuran	*1.4*	*J N*	*ug/L*		*3.89*	*109-99-9*		*11/09/12 18:25*	*1*
sec-Butylbenzene	*0.17*	*J N*	*ug/L*		*8.96*	*135-98-8*		*11/09/12 18:25*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*11/09/12 18:25*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*11/09/12 18:25*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*11/09/12 18:25*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.75**	**J**	9.5	0.72	ug/L		11/05/12 15:42	11/13/12 16:05	1
Acenaphthylene	ND		9.5	0.81	ug/L		11/05/12 15:42	11/13/12 16:05	1
Acetophenone	ND		9.5	0.54	ug/L		11/05/12 15:42	11/13/12 16:05	1
Anthracene	ND		9.5	0.65	ug/L		11/05/12 15:42	11/13/12 16:05	1
Atrazine	ND		9.5	1.1	ug/L		11/05/12 15:42	11/13/12 16:05	1
Benzaldehyde	ND		9.5	1.0	ug/L		11/05/12 15:42	11/13/12 16:05	1
Benzo[a]anthracene	ND		9.5	0.52	ug/L		11/05/12 15:42	11/13/12 16:05	1
Benzo[a]pyrene	ND		9.5	0.67	ug/L		11/05/12 15:42	11/13/12 16:05	1
Benzo[b]fluoranthene	ND		9.5	2.5	ug/L		11/05/12 15:42	11/13/12 16:05	1
Benzo[g,h,i]perylene	ND		9.5	0.83	ug/L		11/05/12 15:42	11/13/12 16:05	1
Benzo[k]fluoranthene	ND		9.5	1.1	ug/L		11/05/12 15:42	11/13/12 16:05	1
1,1'-Biphenyl	ND		9.5	0.55	ug/L		11/05/12 15:42	11/13/12 16:05	1
Bis(2-chloroethoxy)methane	ND		9.5	0.89	ug/L		11/05/12 15:42	11/13/12 16:05	1
Bis(2-chloroethyl)ether	ND		9.5	1.0	ug/L		11/05/12 15:42	11/13/12 16:05	1
2,2'-oxybis[1-chloropropane]	ND		9.5	0.74	ug/L		11/05/12 15:42	11/13/12 16:05	1
Bis(2-ethylhexyl) phthalate	ND		9.5	1.5	ug/L		11/05/12 15:42	11/13/12 16:05	1
4-Bromophenyl phenyl ether	ND		9.5	0.73	ug/L		11/05/12 15:42	11/13/12 16:05	1
Butyl benzyl phthalate	ND		9.5	1.1	ug/L		11/05/12 15:42	11/13/12 16:05	1
Caprolactam	ND		9.5	0.75	ug/L		11/05/12 15:42	11/13/12 16:05	1
Carbazole	ND		9.5	0.67	ug/L		11/05/12 15:42	11/13/12 16:05	1
4-Chloroaniline	ND		19	2.1	ug/L		11/05/12 15:42	11/13/12 16:05	1
4-Chloro-3-methylphenol	ND		9.5	0.95	ug/L		11/05/12 15:42	11/13/12 16:05	1
2-Chloronaphthalene	ND		9.5	0.76	ug/L		11/05/12 15:42	11/13/12 16:05	1
2-Chlorophenol	ND		9.5	0.83	ug/L		11/05/12 15:42	11/13/12 16:05	1
4-Chlorophenyl phenyl ether	ND		9.5	0.80	ug/L		11/05/12 15:42	11/13/12 16:05	1
Chrysene	ND		9.5	0.48	ug/L		11/05/12 15:42	11/13/12 16:05	1
Dibenz(a,h)anthracene	ND		9.5	0.95	ug/L		11/05/12 15:42	11/13/12 16:05	1
Dibenzofuran	ND		9.5	0.75	ug/L		11/05/12 15:42	11/13/12 16:05	1
3,3'-Dichlorobenzidine	ND		57	28	ug/L		11/05/12 15:42	11/13/12 16:05	1
2,4-Dichlorophenol	ND		9.5	1.0	ug/L		11/05/12 15:42	11/13/12 16:05	1
Diethyl phthalate	**2.5**	**J**	9.5	0.84	ug/L		11/05/12 15:42	11/13/12 16:05	1
2,4-Dimethylphenol	ND		9.5	3.8	ug/L		11/05/12 15:42	11/13/12 16:05	1
Dimethyl phthalate	ND		9.5	0.94	ug/L		11/05/12 15:42	11/13/12 16:05	1
Di-n-butyl phthalate	ND		9.5	0.79	ug/L		11/05/12 15:42	11/13/12 16:05	1
4,6-Dinitro-2-methylphenol	ND		47	9.5	ug/L		11/05/12 15:42	11/13/12 16:05	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Client Sample ID: TMW-5

Date Collected: 10/30/12 16:45
Date Received: 11/01/12 09:29

Lab Sample ID: 680-84289-5

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		47	9.5	ug/L		11/05/12 15:42	11/13/12 16:05	1
2,4-Dinitrotoluene	ND		9.5	1.1	ug/L		11/05/12 15:42	11/13/12 16:05	1
2,6-Dinitrotoluene	ND		9.5	1.0	ug/L		11/05/12 15:42	11/13/12 16:05	1
Di-n-octyl phthalate	ND		9.5	1.3	ug/L		11/05/12 15:42	11/13/12 16:05	1
Fluoranthene	ND		9.5	0.70	ug/L		11/05/12 15:42	11/13/12 16:05	1
Fluorene	ND		9.5	0.91	ug/L		11/05/12 15:42	11/13/12 16:05	1
Hexachlorobenzene	ND		9.5	0.75	ug/L		11/05/12 15:42	11/13/12 16:05	1
Hexachlorobutadiene	ND		9.5	0.59	ug/L		11/05/12 15:42	11/13/12 16:05	1
Hexachlorocyclopentadiene	ND		9.5	2.4	ug/L		11/05/12 15:42	11/13/12 16:05	1
Hexachloroethane	ND		9.5	0.72	ug/L		11/05/12 15:42	11/13/12 16:05	1
Indeno[1,2,3-cd]pyrene	ND		9.5	0.95	ug/L		11/05/12 15:42	11/13/12 16:05	1
Isophorone	ND		9.5	0.85	ug/L		11/05/12 15:42	11/13/12 16:05	1
2-Methylnaphthalene	ND		9.5	0.74	ug/L		11/05/12 15:42	11/13/12 16:05	1
2-Methylphenol	ND		9.5	0.84	ug/L		11/05/12 15:42	11/13/12 16:05	1
3 & 4 Methylphenol	ND		9.5	1.2	ug/L		11/05/12 15:42	11/13/12 16:05	1
Naphthalene	ND		9.5	0.66	ug/L		11/05/12 15:42	11/13/12 16:05	1
2-Nitroaniline	ND		47	1.2	ug/L		11/05/12 15:42	11/13/12 16:05	1
3-Nitroaniline	ND		47	4.7	ug/L		11/05/12 15:42	11/13/12 16:05	1
4-Nitroaniline	ND		47	4.7	ug/L		11/05/12 15:42	11/13/12 16:05	1
Nitrobenzene	ND		9.5	0.69	ug/L		11/05/12 15:42	11/13/12 16:05	1
2-Nitrophenol	ND		9.5	0.72	ug/L		11/05/12 15:42	11/13/12 16:05	1
4-Nitrophenol	ND		47	1.8	ug/L		11/05/12 15:42	11/13/12 16:05	1
N-Nitrosodi-n-propylamine	ND		9.5	0.68	ug/L		11/05/12 15:42	11/13/12 16:05	1
N-Nitrosodiphenylamine	ND		9.5	0.87	ug/L		11/05/12 15:42	11/13/12 16:05	1
Pentachlorophenol	ND		47	1.9	ug/L		11/05/12 15:42	11/13/12 16:05	1
Phenanthrene	ND		9.5	0.73	ug/L		11/05/12 15:42	11/13/12 16:05	1
Phenol	ND		9.5	0.79	ug/L		11/05/12 15:42	11/13/12 16:05	1
Pyrene	ND		9.5	0.60	ug/L		11/05/12 15:42	11/13/12 16:05	1
1,2,4,5-Tetrachlorobenzene	ND		9.5	0.72	ug/L		11/05/12 15:42	11/13/12 16:05	1
2,3,4,6-Tetrachlorophenol	ND		9.5	0.68	ug/L		11/05/12 15:42	11/13/12 16:05	1
2,4,5-Trichlorophenol	ND		9.5	1.1	ug/L		11/05/12 15:42	11/13/12 16:05	1
2,4,6-Trichlorophenol	ND		9.5	0.81	ug/L		11/05/12 15:42	11/13/12 16:05	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol, 4,4'-(1-methylethylidene)bis-	*4.4*	*T J N*	*ug/L*		*11.55*	*80-05-7*	*11/05/12 15:42*	*11/13/12 16:05*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*57*		*38 - 130*	*11/05/12 15:42*	*11/13/12 16:05*	*1*
2-Fluorophenol	*58*		*25 - 130*	*11/05/12 15:42*	*11/13/12 16:05*	*1*
Nitrobenzene-d5	*61*		*39 - 130*	*11/05/12 15:42*	*11/13/12 16:05*	*1*
Phenol-d5	*55*		*25 - 130*	*11/05/12 15:42*	*11/13/12 16:05*	*1*
Terphenyl-d14	*19*		*10 - 143*	*11/05/12 15:42*	*11/13/12 16:05*	*1*
2,4,6-Tribromophenol	*67*		*31 - 141*	*11/05/12 15:42*	*11/13/12 16:05*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0	0.99	ug/L		11/01/12 13:35	11/04/12 00:33	1
Arsenic	**1.4**		1.0	0.40	ug/L		11/01/12 13:35	11/06/12 09:14	1
Beryllium	ND		0.20	0.070	ug/L		11/01/12 13:35	11/04/12 00:33	1
Cadmium	ND		0.50	0.20	ug/L		11/01/12 13:35	11/06/12 09:14	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Client Sample ID: TMW-5

Date Collected: 10/30/12 16:45
Date Received: 11/01/12 09:29

Lab Sample ID: 680-84289-5

Matrix: Water

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**5.3**		1.0	0.16	ug/L		11/01/12 13:35	11/06/12 09:14	1
Copper	**0.37**	**J**	1.0	0.21	ug/L		11/01/12 13:35	11/06/12 09:14	1
Iron	**42000**		50	20	ug/L		11/01/12 13:35	11/06/12 09:14	1
Lead	ND		0.30	0.080	ug/L		11/01/12 13:35	11/06/12 09:14	1
Manganese	**620**		2.0	0.84	ug/L		11/01/12 13:35	11/06/12 09:14	1
Nickel	**1.0**		1.0	0.40	ug/L		11/01/12 13:35	11/06/12 09:14	1
Selenium	**0.37**	**J**	0.50	0.21	ug/L		11/01/12 13:35	11/06/12 09:14	1
Silver	ND		0.20	0.10	ug/L		11/01/12 13:35	11/06/12 09:14	1
Thallium	ND		0.20	0.10	ug/L		11/01/12 13:35	11/06/12 09:14	1
Zinc	ND		10	2.6	ug/L		11/01/12 13:35	11/06/12 09:14	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.091	ug/L		11/01/12 14:38	11/06/12 17:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	**15000**		500	260	ug/L			11/02/12 20:00	10
Nitrate as N	ND		250	75	ug/L			11/01/12 13:33	5
Sulfate	**5500**		5000	2600	ug/L			11/11/12 13:34	5

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Client Sample ID: TMW-7

Lab Sample ID: 680-84289-6

Date Collected: 10/30/12 16:05
Matrix: Water
Date Received: 11/01/12 09:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	5.0	ug/L			11/09/12 18:46	1
Benzene	ND		1.0	0.25	ug/L			11/09/12 18:46	1
Bromochloromethane	ND		1.0	0.14	ug/L			11/09/12 18:46	1
Bromodichloromethane	ND		1.0	0.25	ug/L			11/09/12 18:46	1
Bromoform	ND		1.0	0.50	ug/L			11/09/12 18:46	1
Bromomethane	ND		1.0	0.80	ug/L			11/09/12 18:46	1
2-Butanone	ND		10	1.0	ug/L			11/09/12 18:46	1
Carbon disulfide	ND		2.0	0.60	ug/L			11/09/12 18:46	1
Carbon tetrachloride	ND		1.0	0.50	ug/L			11/09/12 18:46	1
Chlorobenzene	**0.64**	**J**	1.0	0.25	ug/L			11/09/12 18:46	1
Chloroethane	ND		1.0	1.0	ug/L			11/09/12 18:46	1
Chloroform	ND		1.0	0.14	ug/L			11/09/12 18:46	1
Chloromethane	ND		1.0	0.33	ug/L			11/09/12 18:46	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			11/09/12 18:46	1
cis-1,3-Dichloropropene	ND		1.0	0.11	ug/L			11/09/12 18:46	1
Cyclohexane	ND		1.0	0.25	ug/L			11/09/12 18:46	1
Dibromochloromethane	ND		1.0	0.10	ug/L			11/09/12 18:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.44	ug/L			11/09/12 18:46	1
1,2-Dibromoethane	ND		1.0	0.25	ug/L			11/09/12 18:46	1
1,2-Dichlorobenzene	ND		1.0	0.21	ug/L			11/09/12 18:46	1
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L			11/09/12 18:46	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			11/09/12 18:46	1
Dichlorodifluoromethane	ND		1.0	0.25	ug/L			11/09/12 18:46	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			11/09/12 18:46	1
1,2-Dichloroethane	ND		1.0	0.10	ug/L			11/09/12 18:46	1
1,1-Dichloroethene	ND		1.0	0.11	ug/L			11/09/12 18:46	1
1,2-Dichloropropane	ND		1.0	0.13	ug/L			11/09/12 18:46	1
1,4-Dioxane	ND		50	50	ug/L			11/09/12 18:46	1
Ethylbenzene	ND		1.0	0.11	ug/L			11/09/12 18:46	1
2-Hexanone	ND		10	1.0	ug/L			11/09/12 18:46	1
Isopropylbenzene	ND		1.0	0.10	ug/L			11/09/12 18:46	1
Methyl acetate	ND		1.0	0.19	ug/L			11/09/12 18:46	1
Methylcyclohexane	ND		1.0	0.10	ug/L			11/09/12 18:46	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/09/12 18:46	1
4-Methyl-2-pentanone	ND		10	1.0	ug/L			11/09/12 18:46	1
Methyl tert-butyl ether	ND		10	0.20	ug/L			11/09/12 18:46	1
m-Xylene & p-Xylene	ND		2.0	0.20	ug/L			11/09/12 18:46	1
o-Xylene	ND		1.0	0.25	ug/L			11/09/12 18:46	1
Styrene	ND		1.0	0.11	ug/L			11/09/12 18:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			11/09/12 18:46	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/09/12 18:46	1
Toluene	ND		1.0	0.33	ug/L			11/09/12 18:46	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			11/09/12 18:46	1
trans-1,3-Dichloropropene	ND		1.0	0.21	ug/L			11/09/12 18:46	1
1,2,3-Trichlorobenzene	ND		1.0	0.35	ug/L			11/09/12 18:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			11/09/12 18:46	1
1,1,1-Trichloroethane	ND		1.0	0.50	ug/L			11/09/12 18:46	1
1,1,2-Trichloroethane	ND		1.0	0.13	ug/L			11/09/12 18:46	1
Trichloroethene	ND		1.0	0.13	ug/L			11/09/12 18:46	1

Client Sample ID: TMW-7
Date Collected: 10/30/12 16:05
Date Received: 11/01/12 09:29

Lab Sample ID: 680-84289-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		1.0	0.25	ug/L			11/09/12 18:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.50	ug/L			11/09/12 18:46	1
Vinyl chloride	ND		1.0	0.18	ug/L			11/09/12 18:46	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*11/09/12 18:46*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*11/09/12 18:46*	*1*
Dibromofluoromethane	*112*		*70 - 130*		*11/09/12 18:46*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*11/09/12 18:46*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.5	0.72	ug/L		11/05/12 15:42	11/13/12 16:32	1
Acenaphthylene	ND		9.5	0.81	ug/L		11/05/12 15:42	11/13/12 16:32	1
Acetophenone	ND		9.5	0.54	ug/L		11/05/12 15:42	11/13/12 16:32	1
Anthracene	ND		9.5	0.65	ug/L		11/05/12 15:42	11/13/12 16:32	1
Atrazine	ND		9.5	1.1	ug/L		11/05/12 15:42	11/13/12 16:32	1
Benzaldehyde	ND		9.5	1.0	ug/L		11/05/12 15:42	11/13/12 16:32	1
Benzo[a]anthracene	ND		9.5	0.52	ug/L		11/05/12 15:42	11/13/12 16:32	1
Benzo[a]pyrene	ND		9.5	0.67	ug/L		11/05/12 15:42	11/13/12 16:32	1
Benzo[b]fluoranthene	ND		9.5	2.5	ug/L		11/05/12 15:42	11/13/12 16:32	1
Benzo[g,h,i]perylene	ND		9.5	0.83	ug/L		11/05/12 15:42	11/13/12 16:32	1
Benzo[k]fluoranthene	ND		9.5	1.1	ug/L		11/05/12 15:42	11/13/12 16:32	1
1,1'-Biphenyl	ND		9.5	0.55	ug/L		11/05/12 15:42	11/13/12 16:32	1
Bis(2-chloroethoxy)methane	ND		9.5	0.89	ug/L		11/05/12 15:42	11/13/12 16:32	1
Bis(2-chloroethyl)ether	ND		9.5	1.0	ug/L		11/05/12 15:42	11/13/12 16:32	1
2,2'-oxybis[1-chloropropane]	ND		9.5	0.74	ug/L		11/05/12 15:42	11/13/12 16:32	1
Bis(2-ethylhexyl) phthalate	ND		9.5	1.5	ug/L		11/05/12 15:42	11/13/12 16:32	1
4-Bromophenyl phenyl ether	ND		9.5	0.73	ug/L		11/05/12 15:42	11/13/12 16:32	1
Butyl benzyl phthalate	ND		9.5	1.1	ug/L		11/05/12 15:42	11/13/12 16:32	1
Caprolactam	ND		9.5	0.75	ug/L		11/05/12 15:42	11/13/12 16:32	1
Carbazole	ND		9.5	0.67	ug/L		11/05/12 15:42	11/13/12 16:32	1
4-Chloroaniline	ND		19	2.1	ug/L		11/05/12 15:42	11/13/12 16:32	1
4-Chloro-3-methylphenol	ND		9.5	0.95	ug/L		11/05/12 15:42	11/13/12 16:32	1
2-Chloronaphthalene	ND		9.5	0.76	ug/L		11/05/12 15:42	11/13/12 16:32	1
2-Chlorophenol	ND		9.5	0.83	ug/L		11/05/12 15:42	11/13/12 16:32	1
4-Chlorophenyl phenyl ether	ND		9.5	0.80	ug/L		11/05/12 15:42	11/13/12 16:32	1
Chrysene	ND		9.5	0.48	ug/L		11/05/12 15:42	11/13/12 16:32	1
Dibenz(a,h)anthracene	ND		9.5	0.95	ug/L		11/05/12 15:42	11/13/12 16:32	1
Dibenzofuran	ND		9.5	0.75	ug/L		11/05/12 15:42	11/13/12 16:32	1
3,3'-Dichlorobenzidine	ND		57	28	ug/L		11/05/12 15:42	11/13/12 16:32	1
2,4-Dichlorophenol	ND		9.5	1.0	ug/L		11/05/12 15:42	11/13/12 16:32	1
Diethyl phthalate	ND		9.5	0.84	ug/L		11/05/12 15:42	11/13/12 16:32	1
2,4-Dimethylphenol	ND		9.5	3.8	ug/L		11/05/12 15:42	11/13/12 16:32	1
Dimethyl phthalate	ND		9.5	0.94	ug/L		11/05/12 15:42	11/13/12 16:32	1
Di-n-butyl phthalate	ND		9.5	0.79	ug/L		11/05/12 15:42	11/13/12 16:32	1
4,6-Dinitro-2-methylphenol	ND		47	9.5	ug/L		11/05/12 15:42	11/13/12 16:32	1
2,4-Dinitrophenol	ND		47	9.5	ug/L		11/05/12 15:42	11/13/12 16:32	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Client Sample ID: TMW-7

Date Collected: 10/30/12 16:05
Date Received: 11/01/12 09:29

Lab Sample ID: 680-84289-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		9.5	1.1	ug/L		11/05/12 15:42	11/13/12 16:32	1
2,6-Dinitrotoluene	ND		9.5	1.0	ug/L		11/05/12 15:42	11/13/12 16:32	1
Di-n-octyl phthalate	ND		9.5	1.3	ug/L		11/05/12 15:42	11/13/12 16:32	1
Fluoranthene	ND		9.5	0.70	ug/L		11/05/12 15:42	11/13/12 16:32	1
Fluorene	ND		9.5	0.91	ug/L		11/05/12 15:42	11/13/12 16:32	1
Hexachlorobenzene	ND		9.5	0.75	ug/L		11/05/12 15:42	11/13/12 16:32	1
Hexachlorobutadiene	ND		9.5	0.59	ug/L		11/05/12 15:42	11/13/12 16:32	1
Hexachlorocyclopentadiene	ND		9.5	2.4	ug/L		11/05/12 15:42	11/13/12 16:32	1
Hexachloroethane	ND		9.5	0.72	ug/L		11/05/12 15:42	11/13/12 16:32	1
Indeno[1,2,3-cd]pyrene	ND		9.5	0.95	ug/L		11/05/12 15:42	11/13/12 16:32	1
Isophorone	ND		9.5	0.85	ug/L		11/05/12 15:42	11/13/12 16:32	1
2-Methylnaphthalene	ND		9.5	0.74	ug/L		11/05/12 15:42	11/13/12 16:32	1
2-Methylphenol	ND		9.5	0.84	ug/L		11/05/12 15:42	11/13/12 16:32	1
3 & 4 Methylphenol	ND		9.5	1.2	ug/L		11/05/12 15:42	11/13/12 16:32	1
Naphthalene	ND		9.5	0.66	ug/L		11/05/12 15:42	11/13/12 16:32	1
2-Nitroaniline	ND		47	1.2	ug/L		11/05/12 15:42	11/13/12 16:32	1
3-Nitroaniline	ND		47	4.7	ug/L		11/05/12 15:42	11/13/12 16:32	1
4-Nitroaniline	ND		47	4.7	ug/L		11/05/12 15:42	11/13/12 16:32	1
Nitrobenzene	ND		9.5	0.69	ug/L		11/05/12 15:42	11/13/12 16:32	1
2-Nitrophenol	ND		9.5	0.72	ug/L		11/05/12 15:42	11/13/12 16:32	1
4-Nitrophenol	ND		47	1.8	ug/L		11/05/12 15:42	11/13/12 16:32	1
N-Nitrosodi-n-propylamine	ND		9.5	0.68	ug/L		11/05/12 15:42	11/13/12 16:32	1
N-Nitrosodiphenylamine	ND		9.5	0.87	ug/L		11/05/12 15:42	11/13/12 16:32	1
Pentachlorophenol	ND		47	1.9	ug/L		11/05/12 15:42	11/13/12 16:32	1
Phenanthrene	ND		9.5	0.73	ug/L		11/05/12 15:42	11/13/12 16:32	1
Phenol	ND		9.5	0.79	ug/L		11/05/12 15:42	11/13/12 16:32	1
Pyrene	ND		9.5	0.60	ug/L		11/05/12 15:42	11/13/12 16:32	1
1,2,4,5-Tetrachlorobenzene	ND		9.5	0.72	ug/L		11/05/12 15:42	11/13/12 16:32	1
2,3,4,6-Tetrachlorophenol	ND		9.5	0.68	ug/L		11/05/12 15:42	11/13/12 16:32	1
2,4,5-Trichlorophenol	ND		9.5	1.1	ug/L		11/05/12 15:42	11/13/12 16:32	1
2,4,6-Trichlorophenol	ND		9.5	0.81	ug/L		11/05/12 15:42	11/13/12 16:32	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*11/05/12 15:42*	*11/13/12 16:32*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*61*		*38 - 130*	*11/05/12 15:42*	*11/13/12 16:32*	*1*
2-Fluorophenol	*60*		*25 - 130*	*11/05/12 15:42*	*11/13/12 16:32*	*1*
Nitrobenzene-d5	*65*		*39 - 130*	*11/05/12 15:42*	*11/13/12 16:32*	*1*
Phenol-d5	*60*		*25 - 130*	*11/05/12 15:42*	*11/13/12 16:32*	*1*
Terphenyl-d14	*66*		*10 - 143*	*11/05/12 15:42*	*11/13/12 16:32*	*1*
2,4,6-Tribromophenol	*68*		*31 - 141*	*11/05/12 15:42*	*11/13/12 16:32*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0	0.99	ug/L		11/01/12 13:35	11/04/12 00:39	1
Arsenic	**0.42**	**J**	1.0	0.40	ug/L		11/01/12 13:35	11/06/12 09:20	1
Beryllium	ND		0.20	0.070	ug/L		11/01/12 13:35	11/04/12 00:39	1
Cadmium	**0.23**	**J**	0.50	0.20	ug/L		11/01/12 13:35	11/06/12 09:20	1
Chromium	**1.9**		1.0	0.16	ug/L		11/01/12 13:35	11/06/12 09:20	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Client Sample ID: TMW-7

Lab Sample ID: 680-84289-6

Date Collected: 10/30/12 16:05

Matrix: Water

Date Received: 11/01/12 09:29

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	0.81	J	1.0	0.21	ug/L		11/01/12 13:35	11/06/12 09:20	1
Iron	4500		50	20	ug/L		11/01/12 13:35	11/06/12 09:20	1
Lead	0.13	J	0.30	0.080	ug/L		11/01/12 13:35	11/06/12 09:20	1
Manganese	86		2.0	0.84	ug/L		11/01/12 13:35	11/06/12 09:20	1
Nickel	9.8		1.0	0.40	ug/L		11/01/12 13:35	11/06/12 09:20	1
Selenium	ND		0.50	0.21	ug/L		11/01/12 13:35	11/06/12 09:20	1
Silver	ND		0.20	0.10	ug/L		11/01/12 13:35	11/06/12 09:20	1
Thallium	ND		0.20	0.10	ug/L		11/01/12 13:35	11/06/12 09:20	1
Zinc	4.6	J	10	2.6	ug/L		11/01/12 13:35	11/06/12 09:20	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.091	ug/L		11/01/12 14:38	11/06/12 17:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	560		50	26	ug/L			11/02/12 18:58	1
Nitrate as N	3400		250	75	ug/L			11/01/12 13:17	5
Sulfate	7300		5000	2600	ug/L			11/11/12 13:46	5

Client Sample ID: TMW-6

Lab Sample ID: 680-84289-7

Date Collected: 10/30/12 17:25

Matrix: Water

Date Received: 11/01/12 09:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	5.0	ug/L			11/09/12 19:08	1
Benzene	**1.8**		1.0	0.25	ug/L			11/09/12 19:08	1
Bromochloromethane	ND		1.0	0.14	ug/L			11/09/12 19:08	1
Bromodichloromethane	ND		1.0	0.25	ug/L			11/09/12 19:08	1
Bromoform	ND		1.0	0.50	ug/L			11/09/12 19:08	1
Bromomethane	ND		1.0	0.80	ug/L			11/09/12 19:08	1
2-Butanone	ND		10	1.0	ug/L			11/09/12 19:08	1
Carbon disulfide	ND		2.0	0.60	ug/L			11/09/12 19:08	1
Carbon tetrachloride	ND		1.0	0.50	ug/L			11/09/12 19:08	1
Chlorobenzene	**5.4**		1.0	0.25	ug/L			11/09/12 19:08	1
Chloroethane	ND		1.0	1.0	ug/L			11/09/12 19:08	1
Chloroform	ND		1.0	0.14	ug/L			11/09/12 19:08	1
Chloromethane	ND		1.0	0.33	ug/L			11/09/12 19:08	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			11/09/12 19:08	1
cis-1,3-Dichloropropene	ND		1.0	0.11	ug/L			11/09/12 19:08	1
Cyclohexane	ND		1.0	0.25	ug/L			11/09/12 19:08	1
Dibromochloromethane	ND		1.0	0.10	ug/L			11/09/12 19:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.44	ug/L			11/09/12 19:08	1
1,2-Dibromoethane	ND		1.0	0.25	ug/L			11/09/12 19:08	1
1,2-Dichlorobenzene	**0.41**	**J**	1.0	0.21	ug/L			11/09/12 19:08	1
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L			11/09/12 19:08	1
1,4-Dichlorobenzene	**1.7**		1.0	0.28	ug/L			11/09/12 19:08	1
Dichlorodifluoromethane	ND		1.0	0.25	ug/L			11/09/12 19:08	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			11/09/12 19:08	1
1,2-Dichloroethane	ND		1.0	0.10	ug/L			11/09/12 19:08	1
1,1-Dichloroethene	ND		1.0	0.11	ug/L			11/09/12 19:08	1
1,2-Dichloropropane	ND		1.0	0.13	ug/L			11/09/12 19:08	1
1,4-Dioxane	ND		50	50	ug/L			11/09/12 19:08	1
Ethylbenzene	ND		1.0	0.11	ug/L			11/09/12 19:08	1
2-Hexanone	ND		10	1.0	ug/L			11/09/12 19:08	1
Isopropylbenzene	**0.23**	**J**	1.0	0.10	ug/L			11/09/12 19:08	1
Methyl acetate	ND		1.0	0.19	ug/L			11/09/12 19:08	1
Methylcyclohexane	ND		1.0	0.10	ug/L			11/09/12 19:08	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/09/12 19:08	1
4-Methyl-2-pentanone	ND		10	1.0	ug/L			11/09/12 19:08	1
Methyl tert-butyl ether	ND		10	0.20	ug/L			11/09/12 19:08	1
m-Xylene & p-Xylene	ND		2.0	0.20	ug/L			11/09/12 19:08	1
o-Xylene	ND		1.0	0.25	ug/L			11/09/12 19:08	1
Styrene	ND		1.0	0.11	ug/L			11/09/12 19:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			11/09/12 19:08	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/09/12 19:08	1
Toluene	ND		1.0	0.33	ug/L			11/09/12 19:08	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			11/09/12 19:08	1
trans-1,3-Dichloropropene	ND		1.0	0.21	ug/L			11/09/12 19:08	1
1,2,3-Trichlorobenzene	ND		1.0	0.35	ug/L			11/09/12 19:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			11/09/12 19:08	1
1,1,1-Trichloroethane	ND		1.0	0.50	ug/L			11/09/12 19:08	1
1,1,2-Trichloroethane	ND		1.0	0.13	ug/L			11/09/12 19:08	1
Trichloroethene	ND		1.0	0.13	ug/L			11/09/12 19:08	1

Client Sample ID: TMW-6
Date Collected: 10/30/12 17:25
Date Received: 11/01/12 09:29

Lab Sample ID: 680-84289-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		1.0	0.25	ug/L			11/09/12 19:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.50	ug/L			11/09/12 19:08	1
Vinyl chloride	ND		1.0	0.18	ug/L			11/09/12 19:08	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*11/09/12 19:08*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*11/09/12 19:08*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*11/09/12 19:08*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*11/09/12 19:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.77**	**J**	9.5	0.72	ug/L		11/05/12 15:42	11/13/12 16:59	1
Acenaphthylene	ND		9.5	0.81	ug/L		11/05/12 15:42	11/13/12 16:59	1
Acetophenone	ND		9.5	0.54	ug/L		11/05/12 15:42	11/13/12 16:59	1
Anthracene	ND		9.5	0.66	ug/L		11/05/12 15:42	11/13/12 16:59	1
Atrazine	ND		9.5	1.1	ug/L		11/05/12 15:42	11/13/12 16:59	1
Benzaldehyde	ND		9.5	1.0	ug/L		11/05/12 15:42	11/13/12 16:59	1
Benzo[a]anthracene	ND		9.5	0.52	ug/L		11/05/12 15:42	11/13/12 16:59	1
Benzo[a]pyrene	ND		9.5	0.67	ug/L		11/05/12 15:42	11/13/12 16:59	1
Benzo[b]fluoranthene	ND		9.5	2.5	ug/L		11/05/12 15:42	11/13/12 16:59	1
Benzo[g,h,i]perylene	ND		9.5	0.83	ug/L		11/05/12 15:42	11/13/12 16:59	1
Benzo[k]fluoranthene	ND		9.5	1.1	ug/L		11/05/12 15:42	11/13/12 16:59	1
1,1'-Biphenyl	ND		9.5	0.55	ug/L		11/05/12 15:42	11/13/12 16:59	1
Bis(2-chloroethoxy)methane	ND		9.5	0.89	ug/L		11/05/12 15:42	11/13/12 16:59	1
Bis(2-chloroethyl)ether	ND		9.5	1.0	ug/L		11/05/12 15:42	11/13/12 16:59	1
2,2'-oxybis[1-chloropropane]	ND		9.5	0.74	ug/L		11/05/12 15:42	11/13/12 16:59	1
Bis(2-ethylhexyl) phthalate	ND		9.5	1.5	ug/L		11/05/12 15:42	11/13/12 16:59	1
4-Bromophenyl phenyl ether	ND		9.5	0.73	ug/L		11/05/12 15:42	11/13/12 16:59	1
Butyl benzyl phthalate	ND		9.5	1.1	ug/L		11/05/12 15:42	11/13/12 16:59	1
Caprolactam	ND		9.5	0.75	ug/L		11/05/12 15:42	11/13/12 16:59	1
Carbazole	ND		9.5	0.67	ug/L		11/05/12 15:42	11/13/12 16:59	1
4-Chloroaniline	ND		19	2.1	ug/L		11/05/12 15:42	11/13/12 16:59	1
4-Chloro-3-methylphenol	ND		9.5	0.95	ug/L		11/05/12 15:42	11/13/12 16:59	1
2-Chloronaphthalene	ND		9.5	0.76	ug/L		11/05/12 15:42	11/13/12 16:59	1
2-Chlorophenol	ND		9.5	0.83	ug/L		11/05/12 15:42	11/13/12 16:59	1
4-Chlorophenyl phenyl ether	ND		9.5	0.80	ug/L		11/05/12 15:42	11/13/12 16:59	1
Chrysene	ND		9.5	0.48	ug/L		11/05/12 15:42	11/13/12 16:59	1
Dibenz(a,h)anthracene	ND		9.5	0.95	ug/L		11/05/12 15:42	11/13/12 16:59	1
Dibenzofuran	ND		9.5	0.75	ug/L		11/05/12 15:42	11/13/12 16:59	1
3,3'-Dichlorobenzidine	ND		57	28	ug/L		11/05/12 15:42	11/13/12 16:59	1
2,4-Dichlorophenol	ND		9.5	1.0	ug/L		11/05/12 15:42	11/13/12 16:59	1
Diethyl phthalate	ND		9.5	0.84	ug/L		11/05/12 15:42	11/13/12 16:59	1
2,4-Dimethylphenol	ND		9.5	3.8	ug/L		11/05/12 15:42	11/13/12 16:59	1
Dimethyl phthalate	ND		9.5	0.94	ug/L		11/05/12 15:42	11/13/12 16:59	1
Di-n-butyl phthalate	ND		9.5	0.79	ug/L		11/05/12 15:42	11/13/12 16:59	1
4,6-Dinitro-2-methylphenol	ND		47	9.5	ug/L		11/05/12 15:42	11/13/12 16:59	1
2,4-Dinitrophenol	ND		47	9.5	ug/L		11/05/12 15:42	11/13/12 16:59	1

Client Sample ID: TMW-6

Date Collected: 10/30/12 17:25
Date Received: 11/01/12 09:29

Lab Sample ID: 680-84289-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		9.5	1.1	ug/L		11/05/12 15:42	11/13/12 16:59	1
2,6-Dinitrotoluene	ND		9.5	1.0	ug/L		11/05/12 15:42	11/13/12 16:59	1
Di-n-octyl phthalate	ND		9.5	1.3	ug/L		11/05/12 15:42	11/13/12 16:59	1
Fluoranthene	ND		9.5	0.70	ug/L		11/05/12 15:42	11/13/12 16:59	1
Fluorene	ND		9.5	0.91	ug/L		11/05/12 15:42	11/13/12 16:59	1
Hexachlorobenzene	ND		9.5	0.75	ug/L		11/05/12 15:42	11/13/12 16:59	1
Hexachlorobutadiene	ND		9.5	0.59	ug/L		11/05/12 15:42	11/13/12 16:59	1
Hexachlorocyclopentadiene	ND		9.5	2.4	ug/L		11/05/12 15:42	11/13/12 16:59	1
Hexachloroethane	ND		9.5	0.72	ug/L		11/05/12 15:42	11/13/12 16:59	1
Indeno[1,2,3-cd]pyrene	ND		9.5	0.95	ug/L		11/05/12 15:42	11/13/12 16:59	1
Isophorone	ND		9.5	0.85	ug/L		11/05/12 15:42	11/13/12 16:59	1
2-Methylnaphthalene	ND		9.5	0.74	ug/L		11/05/12 15:42	11/13/12 16:59	1
2-Methylphenol	ND		9.5	0.85	ug/L		11/05/12 15:42	11/13/12 16:59	1
3 & 4 Methylphenol	ND		9.5	1.2	ug/L		11/05/12 15:42	11/13/12 16:59	1
Naphthalene	ND		9.5	0.66	ug/L		11/05/12 15:42	11/13/12 16:59	1
2-Nitroaniline	ND		47	1.2	ug/L		11/05/12 15:42	11/13/12 16:59	1
3-Nitroaniline	ND		47	4.7	ug/L		11/05/12 15:42	11/13/12 16:59	1
4-Nitroaniline	ND		47	4.7	ug/L		11/05/12 15:42	11/13/12 16:59	1
Nitrobenzene	ND		9.5	0.69	ug/L		11/05/12 15:42	11/13/12 16:59	1
2-Nitrophenol	ND		9.5	0.72	ug/L		11/05/12 15:42	11/13/12 16:59	1
4-Nitrophenol	ND		47	1.8	ug/L		11/05/12 15:42	11/13/12 16:59	1
N-Nitrosodi-n-propylamine	ND		9.5	0.68	ug/L		11/05/12 15:42	11/13/12 16:59	1
N-Nitrosodiphenylamine	ND		9.5	0.87	ug/L		11/05/12 15:42	11/13/12 16:59	1
Pentachlorophenol	ND		47	1.9	ug/L		11/05/12 15:42	11/13/12 16:59	1
Phenanthrene	ND		9.5	0.73	ug/L		11/05/12 15:42	11/13/12 16:59	1
Phenol	ND		9.5	0.79	ug/L		11/05/12 15:42	11/13/12 16:59	1
Pyrene	ND		9.5	0.60	ug/L		11/05/12 15:42	11/13/12 16:59	1
1,2,4,5-Tetrachlorobenzene	ND		9.5	0.72	ug/L		11/05/12 15:42	11/13/12 16:59	1
2,3,4,6-Tetrachlorophenol	ND		9.5	0.68	ug/L		11/05/12 15:42	11/13/12 16:59	1
2,4,5-Trichlorophenol	ND		9.5	1.1	ug/L		11/05/12 15:42	11/13/12 16:59	1
2,4,6-Trichlorophenol	ND		9.5	0.81	ug/L		11/05/12 15:42	11/13/12 16:59	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dichlorobenzene	*1.4*	*J*	*ug/L*		*5.26*	*106-46-7*	*11/05/12 15:42*	*11/13/12 16:59*	*1*
2(3H)-Benzothiazolone	*4.2*	*T J N*	*ug/L*		*9.06*	*934-34-9*	*11/05/12 15:42*	*11/13/12 16:59*	*1*
Oleic Acid	*4.0*	*T J N*	*ug/L*		*11.33*	*112-80-1*	*11/05/12 15:42*	*11/13/12 16:59*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*38 - 130*	*11/05/12 15:42*	*11/13/12 16:59*	*1*
2-Fluorophenol	*72*		*25 - 130*	*11/05/12 15:42*	*11/13/12 16:59*	*1*
Nitrobenzene-d5	*73*		*39 - 130*	*11/05/12 15:42*	*11/13/12 16:59*	*1*
Phenol-d5	*70*		*25 - 130*	*11/05/12 15:42*	*11/13/12 16:59*	*1*
Terphenyl-d14	*28*		*10 - 143*	*11/05/12 15:42*	*11/13/12 16:59*	*1*
2,4,6-Tribromophenol	*79*		*31 - 141*	*11/05/12 15:42*	*11/13/12 16:59*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0	0.99	ug/L		11/01/12 13:35	11/04/12 00:46	1
Arsenic	**12**		1.0	0.40	ug/L		11/01/12 13:35	11/06/12 09:26	1
Beryllium	**0.11**	**J**	0.20	0.070	ug/L		11/01/12 13:35	11/04/12 00:46	1

Client Sample ID: TMW-6

Lab Sample ID: 680-84289-7

Date Collected: 10/30/12 17:25

Matrix: Water

Date Received: 11/01/12 09:29

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.50	0.20	ug/L		11/01/12 13:35	11/06/12 09:26	1
Chromium	**5.6**		1.0	0.16	ug/L		11/01/12 13:35	11/06/12 09:26	1
Copper	**0.62**	**J**	1.0	0.21	ug/L		11/01/12 13:35	11/06/12 09:26	1
Iron	**43000**		50	20	ug/L		11/01/12 13:35	11/06/12 09:26	1
Lead	**0.15**	**J**	0.30	0.080	ug/L		11/01/12 13:35	11/06/12 09:26	1
Manganese	**310**		2.0	0.84	ug/L		11/01/12 13:35	11/06/12 09:26	1
Nickel	**3.5**		1.0	0.40	ug/L		11/01/12 13:35	11/06/12 09:26	1
Selenium	**0.69**		0.50	0.21	ug/L		11/01/12 13:35	11/06/12 09:26	1
Silver	ND		0.20	0.10	ug/L		11/01/12 13:35	11/06/12 09:26	1
Thallium	ND		0.20	0.10	ug/L		11/01/12 13:35	11/06/12 09:26	1
Zinc	**3.7**	**J**	10	2.6	ug/L		11/01/12 13:35	11/06/12 09:26	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.091	ug/L		11/01/12 14:38	11/06/12 17:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	**8500**		250	130	ug/L			11/02/12 19:38	5
Nitrate as N	ND		250	75	ug/L			11/01/12 13:48	5
Sulfate	**5600**		5000	2600	ug/L			11/11/12 13:58	5

Client Sample ID: TMW-8

Lab Sample ID: 680-84289-8

Date Collected: 10/30/12 15:25

Matrix: Water

Date Received: 11/01/12 09:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	5.0	ug/L			11/09/12 19:29	1
Benzene	**5.7**		1.0	0.25	ug/L			11/09/12 19:29	1
Bromochloromethane	ND		1.0	0.14	ug/L			11/09/12 19:29	1
Bromodichloromethane	ND		1.0	0.25	ug/L			11/09/12 19:29	1
Bromoform	ND		1.0	0.50	ug/L			11/09/12 19:29	1
Bromomethane	ND		1.0	0.80	ug/L			11/09/12 19:29	1
2-Butanone	ND		10	1.0	ug/L			11/09/12 19:29	1
Carbon disulfide	ND		2.0	0.60	ug/L			11/09/12 19:29	1
Carbon tetrachloride	ND		1.0	0.50	ug/L			11/09/12 19:29	1
Chlorobenzene	**15**		1.0	0.25	ug/L			11/09/12 19:29	1
Chloroethane	ND		1.0	1.0	ug/L			11/09/12 19:29	1
Chloroform	ND		1.0	0.14	ug/L			11/09/12 19:29	1
Chloromethane	ND		1.0	0.33	ug/L			11/09/12 19:29	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			11/09/12 19:29	1
cis-1,3-Dichloropropene	ND		1.0	0.11	ug/L			11/09/12 19:29	1
Cyclohexane	ND		1.0	0.25	ug/L			11/09/12 19:29	1
Dibromochloromethane	ND		1.0	0.10	ug/L			11/09/12 19:29	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.44	ug/L			11/09/12 19:29	1
1,2-Dibromoethane	ND		1.0	0.25	ug/L			11/09/12 19:29	1
1,2-Dichlorobenzene	**0.58**	**J**	1.0	0.21	ug/L			11/09/12 19:29	1
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L			11/09/12 19:29	1
1,4-Dichlorobenzene	**4.4**		1.0	0.28	ug/L			11/09/12 19:29	1
Dichlorodifluoromethane	ND		1.0	0.25	ug/L			11/09/12 19:29	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			11/09/12 19:29	1
1,2-Dichloroethane	ND		1.0	0.10	ug/L			11/09/12 19:29	1
1,1-Dichloroethene	ND		1.0	0.11	ug/L			11/09/12 19:29	1
1,2-Dichloropropane	ND		1.0	0.13	ug/L			11/09/12 19:29	1
1,4-Dioxane	ND		50	50	ug/L			11/09/12 19:29	1
Ethylbenzene	ND		1.0	0.11	ug/L			11/09/12 19:29	1
2-Hexanone	ND		10	1.0	ug/L			11/09/12 19:29	1
Isopropylbenzene	**1.2**		1.0	0.10	ug/L			11/09/12 19:29	1
Methyl acetate	ND		1.0	0.19	ug/L			11/09/12 19:29	1
Methylcyclohexane	ND		1.0	0.10	ug/L			11/09/12 19:29	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/09/12 19:29	1
4-Methyl-2-pentanone	ND		10	1.0	ug/L			11/09/12 19:29	1
Methyl tert-butyl ether	ND		10	0.20	ug/L			11/09/12 19:29	1
m-Xylene & p-Xylene	ND		2.0	0.20	ug/L			11/09/12 19:29	1
o-Xylene	**0.37**	**J**	1.0	0.25	ug/L			11/09/12 19:29	1
Styrene	ND		1.0	0.11	ug/L			11/09/12 19:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			11/09/12 19:29	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/09/12 19:29	1
Toluene	ND		1.0	0.33	ug/L			11/09/12 19:29	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			11/09/12 19:29	1
trans-1,3-Dichloropropene	ND		1.0	0.21	ug/L			11/09/12 19:29	1
1,2,3-Trichlorobenzene	ND		1.0	0.35	ug/L			11/09/12 19:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			11/09/12 19:29	1
1,1,1-Trichloroethane	ND		1.0	0.50	ug/L			11/09/12 19:29	1
1,1,2-Trichloroethane	ND		1.0	0.13	ug/L			11/09/12 19:29	1
Trichloroethene	ND		1.0	0.13	ug/L			11/09/12 19:29	1

Client Sample ID: TMW-8

Lab Sample ID: 680-84289-8

Date Collected: 10/30/12 15:25

Matrix: Water

Date Received: 11/01/12 09:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		1.0	0.25	ug/L			11/09/12 19:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.50	ug/L			11/09/12 19:29	1
Vinyl chloride	ND		1.0	0.18	ug/L			11/09/12 19:29	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrahydrofuran	*1.5*	*J*	*ug/L*		*3.89*	*109-99-9*		*11/09/12 19:29*	*1*
2-Chlorotoluene	*0.70*	*J*	*ug/L*		*8.39*	*95-49-8*		*11/09/12 19:29*	*1*
sec-Butylbenzene	*0.25*	*J*	*ug/L*		*8.96*	*135-98-8*		*11/09/12 19:29*	*1*
n-Butylbenzene	*0.18*	*J*	*ug/L*		*9.49*	*104-51-8*		*11/09/12 19:29*	*1*
Naphthalene	*2.5*	*J*	*ug/L*		*11.40*	*91-20-3*		*11/09/12 19:29*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*11/09/12 19:29*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*11/09/12 19:29*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*11/09/12 19:29*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.90**	**J**	9.5	0.72	ug/L		11/05/12 15:42	11/13/12 17:27	1
Acenaphthylene	ND		9.5	0.81	ug/L		11/05/12 15:42	11/13/12 17:27	1
Acetophenone	ND		9.5	0.54	ug/L		11/05/12 15:42	11/13/12 17:27	1
Anthracene	ND		9.5	0.66	ug/L		11/05/12 15:42	11/13/12 17:27	1
Atrazine	ND		9.5	1.1	ug/L		11/05/12 15:42	11/13/12 17:27	1
Benzaldehyde	ND		9.5	1.0	ug/L		11/05/12 15:42	11/13/12 17:27	1
Benzo[a]anthracene	ND		9.5	0.52	ug/L		11/05/12 15:42	11/13/12 17:27	1
Benzo[a]pyrene	ND		9.5	0.68	ug/L		11/05/12 15:42	11/13/12 17:27	1
Benzo[b]fluoranthene	ND		9.5	2.5	ug/L		11/05/12 15:42	11/13/12 17:27	1
Benzo[g,h,i]perylene	ND		9.5	0.83	ug/L		11/05/12 15:42	11/13/12 17:27	1
Benzo[k]fluoranthene	ND		9.5	1.1	ug/L		11/05/12 15:42	11/13/12 17:27	1
1,1'-Biphenyl	ND		9.5	0.55	ug/L		11/05/12 15:42	11/13/12 17:27	1
Bis(2-chloroethoxy)methane	ND		9.5	0.89	ug/L		11/05/12 15:42	11/13/12 17:27	1
Bis(2-chloroethyl)ether	ND		9.5	1.0	ug/L		11/05/12 15:42	11/13/12 17:27	1
2,2'-oxybis[1-chloropropane]	ND		9.5	0.74	ug/L		11/05/12 15:42	11/13/12 17:27	1
Bis(2-ethylhexyl) phthalate	ND		9.5	1.5	ug/L		11/05/12 15:42	11/13/12 17:27	1
4-Bromophenyl phenyl ether	ND		9.5	0.73	ug/L		11/05/12 15:42	11/13/12 17:27	1
Butyl benzyl phthalate	ND		9.5	1.1	ug/L		11/05/12 15:42	11/13/12 17:27	1
Caprolactam	ND		9.5	0.75	ug/L		11/05/12 15:42	11/13/12 17:27	1
Carbazole	ND		9.5	0.68	ug/L		11/05/12 15:42	11/13/12 17:27	1
4-Chloroaniline	ND		19	2.1	ug/L		11/05/12 15:42	11/13/12 17:27	1
4-Chloro-3-methylphenol	ND		9.5	0.95	ug/L		11/05/12 15:42	11/13/12 17:27	1
2-Chloronaphthalene	ND		9.5	0.76	ug/L		11/05/12 15:42	11/13/12 17:27	1
2-Chlorophenol	ND		9.5	0.83	ug/L		11/05/12 15:42	11/13/12 17:27	1
4-Chlorophenyl phenyl ether	ND		9.5	0.80	ug/L		11/05/12 15:42	11/13/12 17:27	1
Chrysene	ND		9.5	0.48	ug/L		11/05/12 15:42	11/13/12 17:27	1
Dibenz(a,h)anthracene	ND		9.5	0.95	ug/L		11/05/12 15:42	11/13/12 17:27	1
Dibenzofuran	ND		9.5	0.75	ug/L		11/05/12 15:42	11/13/12 17:27	1
3,3'-Dichlorobenzidine	ND		57	29	ug/L		11/05/12 15:42	11/13/12 17:27	1
2,4-Dichlorophenol	ND		9.5	1.0	ug/L		11/05/12 15:42	11/13/12 17:27	1
Diethyl phthalate	**0.98**	**J**	9.5	0.84	ug/L		11/05/12 15:42	11/13/12 17:27	1
2,4-Dimethylphenol	ND		9.5	3.8	ug/L		11/05/12 15:42	11/13/12 17:27	1

Client Sample ID: TMW-8

Date Collected: 10/30/12 15:25
Date Received: 11/01/12 09:29

Lab Sample ID: 680-84289-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		9.5	0.94	ug/L		11/05/12 15:42	11/13/12 17:27	1
Di-n-butyl phthalate	ND		9.5	0.79	ug/L		11/05/12 15:42	11/13/12 17:27	1
4,6-Dinitro-2-methylphenol	ND		48	9.5	ug/L		11/05/12 15:42	11/13/12 17:27	1
2,4-Dinitrophenol	ND		48	9.5	ug/L		11/05/12 15:42	11/13/12 17:27	1
2,4-Dinitrotoluene	ND		9.5	1.1	ug/L		11/05/12 15:42	11/13/12 17:27	1
2,6-Dinitrotoluene	ND		9.5	1.0	ug/L		11/05/12 15:42	11/13/12 17:27	1
Di-n-octyl phthalate	ND		9.5	1.3	ug/L		11/05/12 15:42	11/13/12 17:27	1
Fluoranthene	ND		9.5	0.70	ug/L		11/05/12 15:42	11/13/12 17:27	1
Fluorene	ND		9.5	0.91	ug/L		11/05/12 15:42	11/13/12 17:27	1
Hexachlorobenzene	ND		9.5	0.75	ug/L		11/05/12 15:42	11/13/12 17:27	1
Hexachlorobutadiene	ND		9.5	0.59	ug/L		11/05/12 15:42	11/13/12 17:27	1
Hexachlorocyclopentadiene	ND		9.5	2.4	ug/L		11/05/12 15:42	11/13/12 17:27	1
Hexachloroethane	ND		9.5	0.72	ug/L		11/05/12 15:42	11/13/12 17:27	1
Indeno[1,2,3-cd]pyrene	ND		9.5	0.95	ug/L		11/05/12 15:42	11/13/12 17:27	1
Isophorone	ND		9.5	0.86	ug/L		11/05/12 15:42	11/13/12 17:27	1
2-Methylnaphthalene	ND		9.5	0.74	ug/L		11/05/12 15:42	11/13/12 17:27	1
2-Methylphenol	ND		9.5	0.85	ug/L		11/05/12 15:42	11/13/12 17:27	1
3 & 4 Methylphenol	ND		9.5	1.2	ug/L		11/05/12 15:42	11/13/12 17:27	1
Naphthalene	**1.7**	**J**	9.5	0.67	ug/L		11/05/12 15:42	11/13/12 17:27	1
2-Nitroaniline	ND		48	1.2	ug/L		11/05/12 15:42	11/13/12 17:27	1
3-Nitroaniline	ND		48	4.8	ug/L		11/05/12 15:42	11/13/12 17:27	1
4-Nitroaniline	ND		48	4.8	ug/L		11/05/12 15:42	11/13/12 17:27	1
Nitrobenzene	ND		9.5	0.69	ug/L		11/05/12 15:42	11/13/12 17:27	1
2-Nitrophenol	ND		9.5	0.72	ug/L		11/05/12 15:42	11/13/12 17:27	1
4-Nitrophenol	ND		48	1.8	ug/L		11/05/12 15:42	11/13/12 17:27	1
N-Nitrosodi-n-propylamine	ND		9.5	0.68	ug/L		11/05/12 15:42	11/13/12 17:27	1
N-Nitrosodiphenylamine	ND		9.5	0.87	ug/L		11/05/12 15:42	11/13/12 17:27	1
Pentachlorophenol	ND		48	1.9	ug/L		11/05/12 15:42	11/13/12 17:27	1
Phenanthrene	ND		9.5	0.73	ug/L		11/05/12 15:42	11/13/12 17:27	1
Phenol	ND		9.5	0.79	ug/L		11/05/12 15:42	11/13/12 17:27	1
Pyrene	ND		9.5	0.60	ug/L		11/05/12 15:42	11/13/12 17:27	1
1,2,4,5-Tetrachlorobenzene	ND		9.5	0.72	ug/L		11/05/12 15:42	11/13/12 17:27	1
2,3,4,6-Tetrachlorophenol	ND		9.5	0.68	ug/L		11/05/12 15:42	11/13/12 17:27	1
2,4,5-Trichlorophenol	ND		9.5	1.1	ug/L		11/05/12 15:42	11/13/12 17:27	1
2,4,6-Trichlorophenol	ND		9.5	0.81	ug/L		11/05/12 15:42	11/13/12 17:27	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
1-Methylnaphthalene	*0.87*	*J*	*ug/L*		*7.16*	*90-12-0*	*11/05/12 15:42*	*11/13/12 17:27*	*1*
Oleic Acid	*6.4*	*T J N*	*ug/L*		*11.33*	*112-80-1*	*11/05/12 15:42*	*11/13/12 17:27*	*1*
Phenol, 4,4'-(1-methylethylidene)bis-	*6.2*	*T J N*	*ug/L*		*11.56*	*80-05-7*	*11/05/12 15:42*	*11/13/12 17:27*	*1*
Octadecanoic acid, butyl ester	*4.7*	*T J N*	*ug/L*		*12.30*	*123-95-5*	*11/05/12 15:42*	*11/13/12 17:27*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*55*		*38 - 130*	*11/05/12 15:42*	*11/13/12 17:27*	*1*
2-Fluorophenol	*53*		*25 - 130*	*11/05/12 15:42*	*11/13/12 17:27*	*1*
Nitrobenzene-d5	*58*		*39 - 130*	*11/05/12 15:42*	*11/13/12 17:27*	*1*
Phenol-d5	*54*		*25 - 130*	*11/05/12 15:42*	*11/13/12 17:27*	*1*
Terphenyl-d14	*59*		*10 - 143*	*11/05/12 15:42*	*11/13/12 17:27*	*1*
2,4,6-Tribromophenol	*74*		*31 - 141*	*11/05/12 15:42*	*11/13/12 17:27*	*1*

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Client Sample ID: TMW-8

Date Collected: 10/30/12 15:25
Date Received: 11/01/12 09:29

Lab Sample ID: 680-84289-8

Matrix: Water

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0	0.99	ug/L		11/01/12 13:35	11/04/12 00:53	1
Arsenic	**1.2**		1.0	0.40	ug/L		11/01/12 13:35	11/06/12 09:32	1
Beryllium	ND		0.20	0.070	ug/L		11/01/12 13:35	11/04/12 00:53	1
Cadmium	ND		0.50	0.20	ug/L		11/01/12 13:35	11/06/12 09:32	1
Chromium	**5.5**		1.0	0.16	ug/L		11/01/12 13:35	11/06/12 09:32	1
Copper	ND		1.0	0.21	ug/L		11/01/12 13:35	11/06/12 09:32	1
Iron	**46000**		50	20	ug/L		11/01/12 13:35	11/06/12 09:32	1
Lead	ND		0.30	0.080	ug/L		11/01/12 13:35	11/06/12 09:32	1
Manganese	**410**		2.0	0.84	ug/L		11/01/12 13:35	11/06/12 09:32	1
Nickel	**1.9**		1.0	0.40	ug/L		11/01/12 13:35	11/06/12 09:32	1
Selenium	**0.68**		0.50	0.21	ug/L		11/01/12 13:35	11/06/12 09:32	1
Silver	ND		0.20	0.10	ug/L		11/01/12 13:35	11/06/12 09:32	1
Thallium	ND		0.20	0.10	ug/L		11/01/12 13:35	11/06/12 09:32	1
Zinc	ND		10	2.6	ug/L		11/01/12 13:35	11/06/12 09:32	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.091	ug/L		11/01/12 14:38	11/06/12 17:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	**13000**		500	260	ug/L			11/02/12 20:00	10
Nitrate as N	ND		250	75	ug/L			11/01/12 13:02	5
Sulfate	**14000**		5000	2600	ug/L			11/11/12 14:11	5

Client Sample ID: TMW-Dup

Lab Sample ID: 680-84289-9

Date Collected: 10/30/12 00:00

Matrix: Water

Date Received: 11/01/12 09:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	5.0	ug/L			11/09/12 19:50	1
Benzene	**6.0**		1.0	0.25	ug/L			11/09/12 19:50	1
Bromochloromethane	ND		1.0	0.14	ug/L			11/09/12 19:50	1
Bromodichloromethane	ND		1.0	0.25	ug/L			11/09/12 19:50	1
Bromoform	ND		1.0	0.50	ug/L			11/09/12 19:50	1
Bromomethane	ND		1.0	0.80	ug/L			11/09/12 19:50	1
2-Butanone	ND		10	1.0	ug/L			11/09/12 19:50	1
Carbon disulfide	ND		2.0	0.60	ug/L			11/09/12 19:50	1
Carbon tetrachloride	ND		1.0	0.50	ug/L			11/09/12 19:50	1
Chlorobenzene	**15**		1.0	0.25	ug/L			11/09/12 19:50	1
Chloroethane	ND		1.0	1.0	ug/L			11/09/12 19:50	1
Chloroform	ND		1.0	0.14	ug/L			11/09/12 19:50	1
Chloromethane	ND		1.0	0.33	ug/L			11/09/12 19:50	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			11/09/12 19:50	1
cis-1,3-Dichloropropene	ND		1.0	0.11	ug/L			11/09/12 19:50	1
Cyclohexane	ND		1.0	0.25	ug/L			11/09/12 19:50	1
Dibromochloromethane	ND		1.0	0.10	ug/L			11/09/12 19:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.44	ug/L			11/09/12 19:50	1
1,2-Dibromoethane	ND		1.0	0.25	ug/L			11/09/12 19:50	1
1,2-Dichlorobenzene	**0.61**	**J**	1.0	0.21	ug/L			11/09/12 19:50	1
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L			11/09/12 19:50	1
1,4-Dichlorobenzene	**4.5**		1.0	0.28	ug/L			11/09/12 19:50	1
Dichlorodifluoromethane	ND		1.0	0.25	ug/L			11/09/12 19:50	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			11/09/12 19:50	1
1,2-Dichloroethane	ND		1.0	0.10	ug/L			11/09/12 19:50	1
1,1-Dichloroethene	ND		1.0	0.11	ug/L			11/09/12 19:50	1
1,2-Dichloropropane	ND		1.0	0.13	ug/L			11/09/12 19:50	1
1,4-Dioxane	ND		50	50	ug/L			11/09/12 19:50	1
Ethylbenzene	ND		1.0	0.11	ug/L			11/09/12 19:50	1
2-Hexanone	ND		10	1.0	ug/L			11/09/12 19:50	1
Isopropylbenzene	**1.2**		1.0	0.10	ug/L			11/09/12 19:50	1
Methyl acetate	ND		1.0	0.19	ug/L			11/09/12 19:50	1
Methylcyclohexane	ND		1.0	0.10	ug/L			11/09/12 19:50	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/09/12 19:50	1
4-Methyl-2-pentanone	ND		10	1.0	ug/L			11/09/12 19:50	1
Methyl tert-butyl ether	ND		10	0.20	ug/L			11/09/12 19:50	1
m-Xylene & p-Xylene	ND		2.0	0.20	ug/L			11/09/12 19:50	1
o-Xylene	**0.37**	**J**	1.0	0.25	ug/L			11/09/12 19:50	1
Styrene	ND		1.0	0.11	ug/L			11/09/12 19:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			11/09/12 19:50	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/09/12 19:50	1
Toluene	ND		1.0	0.33	ug/L			11/09/12 19:50	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			11/09/12 19:50	1
trans-1,3-Dichloropropene	ND		1.0	0.21	ug/L			11/09/12 19:50	1
1,2,3-Trichlorobenzene	ND		1.0	0.35	ug/L			11/09/12 19:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			11/09/12 19:50	1
1,1,1-Trichloroethane	ND		1.0	0.50	ug/L			11/09/12 19:50	1
1,1,2-Trichloroethane	ND		1.0	0.13	ug/L			11/09/12 19:50	1
Trichloroethene	ND		1.0	0.13	ug/L			11/09/12 19:50	1

Client Sample ID: TMW-Dup

Lab Sample ID: 680-84289-9

Date Collected: 10/30/12 00:00

Matrix: Water

Date Received: 11/01/12 09:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		1.0	0.25	ug/L			11/09/12 19:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.50	ug/L			11/09/12 19:50	1
Vinyl chloride	ND		1.0	0.18	ug/L			11/09/12 19:50	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrahydrofuran	*1.3*	*J N*	*ug/L*		*3.89*	*109-99-9*		*11/09/12 19:50*	*1*
2-Chlorotoluene	*0.69*	*J N*	*ug/L*		*8.39*	*95-49-8*		*11/09/12 19:50*	*1*
sec-Butylbenzene	*0.26*	*J N*	*ug/L*		*8.96*	*135-98-8*		*11/09/12 19:50*	*1*
n-Butylbenzene	*0.21*	*J N*	*ug/L*		*9.49*	*104-51-8*		*11/09/12 19:50*	*1*
Naphthalene	*2.5*	*J N*	*ug/L*		*11.40*	*91-20-3*		*11/09/12 19:50*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*11/09/12 19:50*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*11/09/12 19:50*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*11/09/12 19:50*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**1.2**	**J**	9.5	0.72	ug/L		11/05/12 15:42	11/13/12 17:54	1
Acenaphthylene	ND		9.5	0.81	ug/L		11/05/12 15:42	11/13/12 17:54	1
Acetophenone	ND		9.5	0.54	ug/L		11/05/12 15:42	11/13/12 17:54	1
Anthracene	ND		9.5	0.66	ug/L		11/05/12 15:42	11/13/12 17:54	1
Atrazine	ND		9.5	1.1	ug/L		11/05/12 15:42	11/13/12 17:54	1
Benzaldehyde	ND		9.5	1.0	ug/L		11/05/12 15:42	11/13/12 17:54	1
Benzo[a]anthracene	ND		9.5	0.52	ug/L		11/05/12 15:42	11/13/12 17:54	1
Benzo[a]pyrene	ND		9.5	0.67	ug/L		11/05/12 15:42	11/13/12 17:54	1
Benzo[b]fluoranthene	ND		9.5	2.5	ug/L		11/05/12 15:42	11/13/12 17:54	1
Benzo[g,h,i]perylene	ND		9.5	0.83	ug/L		11/05/12 15:42	11/13/12 17:54	1
Benzo[k]fluoranthene	ND		9.5	1.1	ug/L		11/05/12 15:42	11/13/12 17:54	1
1,1'-Biphenyl	ND		9.5	0.55	ug/L		11/05/12 15:42	11/13/12 17:54	1
Bis(2-chloroethoxy)methane	ND		9.5	0.89	ug/L		11/05/12 15:42	11/13/12 17:54	1
Bis(2-chloroethyl)ether	ND		9.5	1.0	ug/L		11/05/12 15:42	11/13/12 17:54	1
2,2'-oxybis[1-chloropropane]	ND		9.5	0.74	ug/L		11/05/12 15:42	11/13/12 17:54	1
Bis(2-ethylhexyl) phthalate	ND		9.5	1.5	ug/L		11/05/12 15:42	11/13/12 17:54	1
4-Bromophenyl phenyl ether	ND		9.5	0.73	ug/L		11/05/12 15:42	11/13/12 17:54	1
Butyl benzyl phthalate	ND		9.5	1.1	ug/L		11/05/12 15:42	11/13/12 17:54	1
Caprolactam	ND		9.5	0.75	ug/L		11/05/12 15:42	11/13/12 17:54	1
Carbazole	ND		9.5	0.67	ug/L		11/05/12 15:42	11/13/12 17:54	1
4-Chloroaniline	ND		19	2.1	ug/L		11/05/12 15:42	11/13/12 17:54	1
4-Chloro-3-methylphenol	ND		9.5	0.95	ug/L		11/05/12 15:42	11/13/12 17:54	1
2-Chloronaphthalene	ND		9.5	0.76	ug/L		11/05/12 15:42	11/13/12 17:54	1
2-Chlorophenol	ND		9.5	0.83	ug/L		11/05/12 15:42	11/13/12 17:54	1
4-Chlorophenyl phenyl ether	ND		9.5	0.80	ug/L		11/05/12 15:42	11/13/12 17:54	1
Chrysene	ND		9.5	0.48	ug/L		11/05/12 15:42	11/13/12 17:54	1
Dibenz(a,h)anthracene	ND		9.5	0.95	ug/L		11/05/12 15:42	11/13/12 17:54	1
Dibenzofuran	ND		9.5	0.75	ug/L		11/05/12 15:42	11/13/12 17:54	1
3,3'-Dichlorobenzidine	ND		57	28	ug/L		11/05/12 15:42	11/13/12 17:54	1
2,4-Dichlorophenol	ND		9.5	1.0	ug/L		11/05/12 15:42	11/13/12 17:54	1
Diethyl phthalate	**1.1**	**J**	9.5	0.84	ug/L		11/05/12 15:42	11/13/12 17:54	1
2,4-Dimethylphenol	ND		9.5	3.8	ug/L		11/05/12 15:42	11/13/12 17:54	1

Client Sample ID: TMW-Dup

Date Collected: 10/30/12 00:00
Date Received: 11/01/12 09:29

Lab Sample ID: 680-84289-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		9.5	0.94	ug/L		11/05/12 15:42	11/13/12 17:54	1
Di-n-butyl phthalate	ND		9.5	0.79	ug/L		11/05/12 15:42	11/13/12 17:54	1
4,6-Dinitro-2-methylphenol	ND		47	9.5	ug/L		11/05/12 15:42	11/13/12 17:54	1
2,4-Dinitrophenol	ND		47	9.5	ug/L		11/05/12 15:42	11/13/12 17:54	1
2,4-Dinitrotoluene	ND		9.5	1.1	ug/L		11/05/12 15:42	11/13/12 17:54	1
2,6-Dinitrotoluene	ND		9.5	1.0	ug/L		11/05/12 15:42	11/13/12 17:54	1
Di-n-octyl phthalate	ND		9.5	1.3	ug/L		11/05/12 15:42	11/13/12 17:54	1
Fluoranthene	ND		9.5	0.70	ug/L		11/05/12 15:42	11/13/12 17:54	1
Fluorene	ND		9.5	0.91	ug/L		11/05/12 15:42	11/13/12 17:54	1
Hexachlorobenzene	ND		9.5	0.75	ug/L		11/05/12 15:42	11/13/12 17:54	1
Hexachlorobutadiene	ND		9.5	0.59	ug/L		11/05/12 15:42	11/13/12 17:54	1
Hexachlorocyclopentadiene	ND		9.5	2.4	ug/L		11/05/12 15:42	11/13/12 17:54	1
Hexachloroethane	ND		9.5	0.72	ug/L		11/05/12 15:42	11/13/12 17:54	1
Indeno[1,2,3-cd]pyrene	ND		9.5	0.95	ug/L		11/05/12 15:42	11/13/12 17:54	1
Isophorone	ND		9.5	0.85	ug/L		11/05/12 15:42	11/13/12 17:54	1
2-Methylnaphthalene	ND		9.5	0.74	ug/L		11/05/12 15:42	11/13/12 17:54	1
2-Methylphenol	ND		9.5	0.85	ug/L		11/05/12 15:42	11/13/12 17:54	1
3 & 4 Methylphenol	ND		9.5	1.2	ug/L		11/05/12 15:42	11/13/12 17:54	1
Naphthalene	**2.1**	**J**	9.5	0.66	ug/L		11/05/12 15:42	11/13/12 17:54	1
2-Nitroaniline	ND		47	1.2	ug/L		11/05/12 15:42	11/13/12 17:54	1
3-Nitroaniline	ND		47	4.7	ug/L		11/05/12 15:42	11/13/12 17:54	1
4-Nitroaniline	ND		47	4.7	ug/L		11/05/12 15:42	11/13/12 17:54	1
Nitrobenzene	ND		9.5	0.69	ug/L		11/05/12 15:42	11/13/12 17:54	1
2-Nitrophenol	ND		9.5	0.72	ug/L		11/05/12 15:42	11/13/12 17:54	1
4-Nitrophenol	ND		47	1.8	ug/L		11/05/12 15:42	11/13/12 17:54	1
N-Nitrosodi-n-propylamine	ND		9.5	0.68	ug/L		11/05/12 15:42	11/13/12 17:54	1
N-Nitrosodiphenylamine	ND		9.5	0.87	ug/L		11/05/12 15:42	11/13/12 17:54	1
Pentachlorophenol	ND		47	1.9	ug/L		11/05/12 15:42	11/13/12 17:54	1
Phenanthrene	ND		9.5	0.73	ug/L		11/05/12 15:42	11/13/12 17:54	1
Phenol	ND		9.5	0.79	ug/L		11/05/12 15:42	11/13/12 17:54	1
Pyrene	ND		9.5	0.60	ug/L		11/05/12 15:42	11/13/12 17:54	1
1,2,4,5-Tetrachlorobenzene	ND		9.5	0.72	ug/L		11/05/12 15:42	11/13/12 17:54	1
2,3,4,6-Tetrachlorophenol	ND		9.5	0.68	ug/L		11/05/12 15:42	11/13/12 17:54	1
2,4,5-Trichlorophenol	ND		9.5	1.1	ug/L		11/05/12 15:42	11/13/12 17:54	1
2,4,6-Trichlorophenol	ND		9.5	0.81	ug/L		11/05/12 15:42	11/13/12 17:54	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
1-Methylnaphthalene	*0.96*	*J*	*ug/L*		*7.16*	*90-12-0*	*11/05/12 15:42*	*11/13/12 17:54*	*1*
Diethyltoluamide	*4.0*	*T J N*	*ug/L*		*8.41*	*134-62-3*	*11/05/12 15:42*	*11/13/12 17:54*	*1*
Benzenesulfonamide, N-ethyl-4-methyl-	*7.0*	*T J N*	*ug/L*		*9.29*	*80-39-7*	*11/05/12 15:42*	*11/13/12 17:54*	*1*
Phenol, 4,4'-(1-methylethylidene)bis-	*6.4*	*T J N*	*ug/L*		*11.56*	*80-05-7*	*11/05/12 15:42*	*11/13/12 17:54*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*70*		*38 - 130*	*11/05/12 15:42*	*11/13/12 17:54*	*1*
2-Fluorophenol	*61*		*25 - 130*	*11/05/12 15:42*	*11/13/12 17:54*	*1*
Nitrobenzene-d5	*66*		*39 - 130*	*11/05/12 15:42*	*11/13/12 17:54*	*1*
Phenol-d5	*64*		*25 - 130*	*11/05/12 15:42*	*11/13/12 17:54*	*1*
Terphenyl-d14	*66*		*10 - 143*	*11/05/12 15:42*	*11/13/12 17:54*	*1*
2,4,6-Tribromophenol	*85*		*31 - 141*	*11/05/12 15:42*	*11/13/12 17:54*	*1*

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Client Sample ID: TMW-Dup

Date Collected: 10/30/12 00:00
Date Received: 11/01/12 09:29

Lab Sample ID: 680-84289-9

Matrix: Water

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0	0.99	ug/L		11/01/12 13:35	11/04/12 01:00	1
Arsenic	**1.2**		1.0	0.40	ug/L		11/01/12 13:35	11/06/12 09:38	1
Beryllium	ND		0.20	0.070	ug/L		11/01/12 13:35	11/04/12 01:00	1
Cadmium	ND		0.50	0.20	ug/L		11/01/12 13:35	11/06/12 09:38	1
Chromium	**5.6**		1.0	0.16	ug/L		11/01/12 13:35	11/06/12 09:38	1
Copper	ND		1.0	0.21	ug/L		11/01/12 13:35	11/06/12 09:38	1
Iron	**46000**		50	20	ug/L		11/01/12 13:35	11/06/12 09:38	1
Lead	ND		0.30	0.080	ug/L		11/01/12 13:35	11/06/12 09:38	1
Manganese	**410**		2.0	0.84	ug/L		11/01/12 13:35	11/06/12 09:38	1
Nickel	**1.8**		1.0	0.40	ug/L		11/01/12 13:35	11/06/12 09:38	1
Selenium	**0.47**	**J**	0.50	0.21	ug/L		11/01/12 13:35	11/06/12 09:38	1
Silver	ND		0.20	0.10	ug/L		11/01/12 13:35	11/06/12 09:38	1
Thallium	ND		0.20	0.10	ug/L		11/01/12 13:35	11/06/12 09:38	1
Zinc	ND		10	2.6	ug/L		11/01/12 13:35	11/06/12 09:38	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.091	ug/L		11/01/12 14:38	11/06/12 17:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	**13000**		500	260	ug/L			11/02/12 20:00	10
Nitrate as N	ND		250	75	ug/L			11/01/12 14:50	5
Sulfate	**15000**		5000	2600	ug/L			11/11/12 14:23	5

Client Sample ID: Trip Blank

Lab Sample ID: 680-84289-10

Date Collected: 10/30/12 00:00

Matrix: Water

Date Received: 11/01/12 09:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	5.0	ug/L			11/10/12 16:41	1
Benzene	ND		1.0	0.25	ug/L			11/10/12 16:41	1
Bromochloromethane	ND		1.0	0.14	ug/L			11/10/12 16:41	1
Bromodichloromethane	ND		1.0	0.25	ug/L			11/10/12 16:41	1
Bromoform	ND		1.0	0.50	ug/L			11/10/12 16:41	1
Bromomethane	ND		1.0	0.80	ug/L			11/10/12 16:41	1
2-Butanone	ND		10	1.0	ug/L			11/10/12 16:41	1
Carbon disulfide	ND		2.0	0.60	ug/L			11/10/12 16:41	1
Carbon tetrachloride	ND		1.0	0.50	ug/L			11/10/12 16:41	1
Chlorobenzene	ND		1.0	0.25	ug/L			11/10/12 16:41	1
Chloroethane	ND		1.0	1.0	ug/L			11/10/12 16:41	1
Chloroform	ND		1.0	0.14	ug/L			11/10/12 16:41	1
Chloromethane	ND		1.0	0.33	ug/L			11/10/12 16:41	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			11/10/12 16:41	1
cis-1,3-Dichloropropene	ND		1.0	0.11	ug/L			11/10/12 16:41	1
Cyclohexane	ND		1.0	0.25	ug/L			11/10/12 16:41	1
Dibromochloromethane	ND		1.0	0.10	ug/L			11/10/12 16:41	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.44	ug/L			11/10/12 16:41	1
1,2-Dibromoethane	ND		1.0	0.25	ug/L			11/10/12 16:41	1
1,2-Dichlorobenzene	ND		1.0	0.21	ug/L			11/10/12 16:41	1
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L			11/10/12 16:41	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			11/10/12 16:41	1
Dichlorodifluoromethane	ND		1.0	0.25	ug/L			11/10/12 16:41	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			11/10/12 16:41	1
1,2-Dichloroethane	ND		1.0	0.10	ug/L			11/10/12 16:41	1
1,1-Dichloroethene	ND		1.0	0.11	ug/L			11/10/12 16:41	1
1,2-Dichloropropane	ND		1.0	0.13	ug/L			11/10/12 16:41	1
1,4-Dioxane	ND		50	50	ug/L			11/10/12 16:41	1
Ethylbenzene	ND		1.0	0.11	ug/L			11/10/12 16:41	1
2-Hexanone	ND		10	1.0	ug/L			11/10/12 16:41	1
Isopropylbenzene	ND		1.0	0.10	ug/L			11/10/12 16:41	1
Methyl acetate	ND		1.0	0.19	ug/L			11/10/12 16:41	1
Methylcyclohexane	ND		1.0	0.10	ug/L			11/10/12 16:41	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/10/12 16:41	1
4-Methyl-2-pentanone	ND		10	1.0	ug/L			11/10/12 16:41	1
Methyl tert-butyl ether	ND		10	0.20	ug/L			11/10/12 16:41	1
m-Xylene & p-Xylene	ND		2.0	0.20	ug/L			11/10/12 16:41	1
o-Xylene	ND		1.0	0.25	ug/L			11/10/12 16:41	1
Styrene	ND		1.0	0.11	ug/L			11/10/12 16:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			11/10/12 16:41	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/10/12 16:41	1
Toluene	ND		1.0	0.33	ug/L			11/10/12 16:41	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			11/10/12 16:41	1
trans-1,3-Dichloropropene	ND		1.0	0.21	ug/L			11/10/12 16:41	1
1,2,3-Trichlorobenzene	ND		1.0	0.35	ug/L			11/10/12 16:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			11/10/12 16:41	1
1,1,1-Trichloroethane	ND		1.0	0.50	ug/L			11/10/12 16:41	1
1,1,2-Trichloroethane	ND		1.0	0.13	ug/L			11/10/12 16:41	1
Trichloroethene	ND		1.0	0.13	ug/L			11/10/12 16:41	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-84289-10

Date Collected: 10/30/12 00:00
Matrix: Water
Date Received: 11/01/12 09:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		1.0	0.25	ug/L			11/10/12 16:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.50	ug/L			11/10/12 16:41	1
Vinyl chloride	ND		1.0	0.18	ug/L			11/10/12 16:41	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*11/10/12 16:41*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*11/10/12 16:41*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*11/10/12 16:41*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*11/10/12 16:41*	*1*

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Client Sample ID: Equip Blank

Lab Sample ID: 680-84289-11

Date Collected: 10/30/12 18:00
Matrix: Water
Date Received: 11/01/12 09:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	5.0	ug/L			11/10/12 17:38	1
Benzene	ND		1.0	0.25	ug/L			11/10/12 17:38	1
Bromochloromethane	ND		1.0	0.14	ug/L			11/10/12 17:38	1
Bromodichloromethane	ND		1.0	0.25	ug/L			11/10/12 17:38	1
Bromoform	ND		1.0	0.50	ug/L			11/10/12 17:38	1
Bromomethane	ND		1.0	0.80	ug/L			11/10/12 17:38	1
2-Butanone	ND		10	1.0	ug/L			11/10/12 17:38	1
Carbon disulfide	ND		2.0	0.60	ug/L			11/10/12 17:38	1
Carbon tetrachloride	ND		1.0	0.50	ug/L			11/10/12 17:38	1
Chlorobenzene	ND		1.0	0.25	ug/L			11/10/12 17:38	1
Chloroethane	ND		1.0	1.0	ug/L			11/10/12 17:38	1
Chloroform	ND		1.0	0.14	ug/L			11/10/12 17:38	1
Chloromethane	ND		1.0	0.33	ug/L			11/10/12 17:38	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			11/10/12 17:38	1
cis-1,3-Dichloropropene	ND		1.0	0.11	ug/L			11/10/12 17:38	1
Cyclohexane	ND		1.0	0.25	ug/L			11/10/12 17:38	1
Dibromochloromethane	ND		1.0	0.10	ug/L			11/10/12 17:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.44	ug/L			11/10/12 17:38	1
1,2-Dibromoethane	ND		1.0	0.25	ug/L			11/10/12 17:38	1
1,2-Dichlorobenzene	ND		1.0	0.21	ug/L			11/10/12 17:38	1
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L			11/10/12 17:38	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			11/10/12 17:38	1
Dichlorodifluoromethane	ND		1.0	0.25	ug/L			11/10/12 17:38	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			11/10/12 17:38	1
1,2-Dichloroethane	ND		1.0	0.10	ug/L			11/10/12 17:38	1
1,1-Dichloroethene	ND		1.0	0.11	ug/L			11/10/12 17:38	1
1,2-Dichloropropane	ND		1.0	0.13	ug/L			11/10/12 17:38	1
1,4-Dioxane	ND		50	50	ug/L			11/10/12 17:38	1
Ethylbenzene	ND		1.0	0.11	ug/L			11/10/12 17:38	1
2-Hexanone	ND		10	1.0	ug/L			11/10/12 17:38	1
Isopropylbenzene	ND		1.0	0.10	ug/L			11/10/12 17:38	1
Methyl acetate	ND		1.0	0.19	ug/L			11/10/12 17:38	1
Methylcyclohexane	ND		1.0	0.10	ug/L			11/10/12 17:38	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/10/12 17:38	1
4-Methyl-2-pentanone	ND		10	1.0	ug/L			11/10/12 17:38	1
Methyl tert-butyl ether	ND		10	0.20	ug/L			11/10/12 17:38	1
m-Xylene & p-Xylene	ND		2.0	0.20	ug/L			11/10/12 17:38	1
o-Xylene	ND		1.0	0.25	ug/L			11/10/12 17:38	1
Styrene	ND		1.0	0.11	ug/L			11/10/12 17:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			11/10/12 17:38	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/10/12 17:38	1
Toluene	ND		1.0	0.33	ug/L			11/10/12 17:38	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			11/10/12 17:38	1
trans-1,3-Dichloropropene	ND		1.0	0.21	ug/L			11/10/12 17:38	1
1,2,3-Trichlorobenzene	ND		1.0	0.35	ug/L			11/10/12 17:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			11/10/12 17:38	1
1,1,1-Trichloroethane	ND		1.0	0.50	ug/L			11/10/12 17:38	1
1,1,2-Trichloroethane	ND		1.0	0.13	ug/L			11/10/12 17:38	1
Trichloroethene	ND		1.0	0.13	ug/L			11/10/12 17:38	1

Client Sample ID: Equip Blank

Lab Sample ID: 680-84289-11

Date Collected: 10/30/12 18:00

Matrix: Water

Date Received: 11/01/12 09:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		1.0	0.25	ug/L			11/10/12 17:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.50	ug/L			11/10/12 17:38	1
Vinyl chloride	ND		1.0	0.18	ug/L			11/10/12 17:38	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*11/10/12 17:38*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*11/10/12 17:38*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*11/10/12 17:38*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/10/12 17:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.5	0.72	ug/L		11/05/12 15:42	11/13/12 18:21	1
Acenaphthylene	ND		9.5	0.81	ug/L		11/05/12 15:42	11/13/12 18:21	1
Acetophenone	ND		9.5	0.54	ug/L		11/05/12 15:42	11/13/12 18:21	1
Anthracene	ND		9.5	0.65	ug/L		11/05/12 15:42	11/13/12 18:21	1
Atrazine	ND		9.5	1.1	ug/L		11/05/12 15:42	11/13/12 18:21	1
Benzaldehyde	ND		9.5	1.0	ug/L		11/05/12 15:42	11/13/12 18:21	1
Benzo[a]anthracene	ND		9.5	0.52	ug/L		11/05/12 15:42	11/13/12 18:21	1
Benzo[a]pyrene	ND		9.5	0.67	ug/L		11/05/12 15:42	11/13/12 18:21	1
Benzo[b]fluoranthene	ND		9.5	2.5	ug/L		11/05/12 15:42	11/13/12 18:21	1
Benzo[g,h,i]perylene	ND		9.5	0.83	ug/L		11/05/12 15:42	11/13/12 18:21	1
Benzo[k]fluoranthene	ND		9.5	1.1	ug/L		11/05/12 15:42	11/13/12 18:21	1
1,1'-Biphenyl	ND		9.5	0.55	ug/L		11/05/12 15:42	11/13/12 18:21	1
Bis(2-chloroethoxy)methane	ND		9.5	0.89	ug/L		11/05/12 15:42	11/13/12 18:21	1
Bis(2-chloroethyl)ether	ND		9.5	1.0	ug/L		11/05/12 15:42	11/13/12 18:21	1
2,2'-oxybis[1-chloropropane]	ND		9.5	0.74	ug/L		11/05/12 15:42	11/13/12 18:21	1
Bis(2-ethylhexyl) phthalate	ND		9.5	1.5	ug/L		11/05/12 15:42	11/13/12 18:21	1
4-Bromophenyl phenyl ether	ND		9.5	0.73	ug/L		11/05/12 15:42	11/13/12 18:21	1
Butyl benzyl phthalate	ND		9.5	1.1	ug/L		11/05/12 15:42	11/13/12 18:21	1
Caprolactam	ND		9.5	0.75	ug/L		11/05/12 15:42	11/13/12 18:21	1
Carbazole	ND		9.5	0.67	ug/L		11/05/12 15:42	11/13/12 18:21	1
4-Chloroaniline	ND		19	2.1	ug/L		11/05/12 15:42	11/13/12 18:21	1
4-Chloro-3-methylphenol	ND		9.5	0.95	ug/L		11/05/12 15:42	11/13/12 18:21	1
2-Chloronaphthalene	ND		9.5	0.76	ug/L		11/05/12 15:42	11/13/12 18:21	1
2-Chlorophenol	ND		9.5	0.83	ug/L		11/05/12 15:42	11/13/12 18:21	1
4-Chlorophenyl phenyl ether	ND		9.5	0.80	ug/L		11/05/12 15:42	11/13/12 18:21	1
Chrysene	ND		9.5	0.48	ug/L		11/05/12 15:42	11/13/12 18:21	1
Dibenz(a,h)anthracene	ND		9.5	0.95	ug/L		11/05/12 15:42	11/13/12 18:21	1
Dibenzofuran	ND		9.5	0.75	ug/L		11/05/12 15:42	11/13/12 18:21	1
3,3'-Dichlorobenzidine	ND		57	28	ug/L		11/05/12 15:42	11/13/12 18:21	1
2,4-Dichlorophenol	ND		9.5	1.0	ug/L		11/05/12 15:42	11/13/12 18:21	1
Diethyl phthalate	ND		9.5	0.83	ug/L		11/05/12 15:42	11/13/12 18:21	1
2,4-Dimethylphenol	ND		9.5	3.8	ug/L		11/05/12 15:42	11/13/12 18:21	1
Dimethyl phthalate	ND		9.5	0.94	ug/L		11/05/12 15:42	11/13/12 18:21	1
Di-n-butyl phthalate	ND		9.5	0.79	ug/L		11/05/12 15:42	11/13/12 18:21	1
4,6-Dinitro-2-methylphenol	ND		47	9.5	ug/L		11/05/12 15:42	11/13/12 18:21	1
2,4-Dinitrophenol	ND		47	9.5	ug/L		11/05/12 15:42	11/13/12 18:21	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Client Sample ID: Equip Blank

Date Collected: 10/30/12 18:00
Date Received: 11/01/12 09:29

Lab Sample ID: 680-84289-11

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		9.5	1.1	ug/L		11/05/12 15:42	11/13/12 18:21	1
2,6-Dinitrotoluene	ND		9.5	1.0	ug/L		11/05/12 15:42	11/13/12 18:21	1
Di-n-octyl phthalate	ND		9.5	1.3	ug/L		11/05/12 15:42	11/13/12 18:21	1
Fluoranthene	ND		9.5	0.70	ug/L		11/05/12 15:42	11/13/12 18:21	1
Fluorene	ND		9.5	0.91	ug/L		11/05/12 15:42	11/13/12 18:21	1
Hexachlorobenzene	ND		9.5	0.75	ug/L		11/05/12 15:42	11/13/12 18:21	1
Hexachlorobutadiene	ND		9.5	0.59	ug/L		11/05/12 15:42	11/13/12 18:21	1
Hexachlorocyclopentadiene	ND		9.5	2.4	ug/L		11/05/12 15:42	11/13/12 18:21	1
Hexachloroethane	ND		9.5	0.72	ug/L		11/05/12 15:42	11/13/12 18:21	1
Indeno[1,2,3-cd]pyrene	ND		9.5	0.95	ug/L		11/05/12 15:42	11/13/12 18:21	1
Isophorone	ND		9.5	0.85	ug/L		11/05/12 15:42	11/13/12 18:21	1
2-Methylnaphthalene	ND		9.5	0.74	ug/L		11/05/12 15:42	11/13/12 18:21	1
2-Methylphenol	ND		9.5	0.84	ug/L		11/05/12 15:42	11/13/12 18:21	1
3 & 4 Methylphenol	ND		9.5	1.2	ug/L		11/05/12 15:42	11/13/12 18:21	1
Naphthalene	ND		9.5	0.66	ug/L		11/05/12 15:42	11/13/12 18:21	1
2-Nitroaniline	ND		47	1.2	ug/L		11/05/12 15:42	11/13/12 18:21	1
3-Nitroaniline	ND		47	4.7	ug/L		11/05/12 15:42	11/13/12 18:21	1
4-Nitroaniline	ND		47	4.7	ug/L		11/05/12 15:42	11/13/12 18:21	1
Nitrobenzene	ND		9.5	0.69	ug/L		11/05/12 15:42	11/13/12 18:21	1
2-Nitrophenol	ND		9.5	0.72	ug/L		11/05/12 15:42	11/13/12 18:21	1
4-Nitrophenol	ND		47	1.8	ug/L		11/05/12 15:42	11/13/12 18:21	1
N-Nitrosodi-n-propylamine	ND		9.5	0.68	ug/L		11/05/12 15:42	11/13/12 18:21	1
N-Nitrosodiphenylamine	ND		9.5	0.87	ug/L		11/05/12 15:42	11/13/12 18:21	1
Pentachlorophenol	ND		47	1.9	ug/L		11/05/12 15:42	11/13/12 18:21	1
Phenanthrene	ND		9.5	0.73	ug/L		11/05/12 15:42	11/13/12 18:21	1
Phenol	ND		9.5	0.79	ug/L		11/05/12 15:42	11/13/12 18:21	1
Pyrene	ND		9.5	0.60	ug/L		11/05/12 15:42	11/13/12 18:21	1
1,2,4,5-Tetrachlorobenzene	ND		9.5	0.72	ug/L		11/05/12 15:42	11/13/12 18:21	1
2,3,4,6-Tetrachlorophenol	ND		9.5	0.68	ug/L		11/05/12 15:42	11/13/12 18:21	1
2,4,5-Trichlorophenol	ND		9.5	1.1	ug/L		11/05/12 15:42	11/13/12 18:21	1
2,4,6-Trichlorophenol	ND		9.5	0.81	ug/L		11/05/12 15:42	11/13/12 18:21	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*11/05/12 15:42*	*11/13/12 18:21*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*38 - 130*	*11/05/12 15:42*	*11/13/12 18:21*	*1*
2-Fluorophenol	*56*		*25 - 130*	*11/05/12 15:42*	*11/13/12 18:21*	*1*
Nitrobenzene-d5	*74*		*39 - 130*	*11/05/12 15:42*	*11/13/12 18:21*	*1*
Phenol-d5	*58*		*25 - 130*	*11/05/12 15:42*	*11/13/12 18:21*	*1*
Terphenyl-d14	*84*		*10 - 143*	*11/05/12 15:42*	*11/13/12 18:21*	*1*
2,4,6-Tribromophenol	*71*		*31 - 141*	*11/05/12 15:42*	*11/13/12 18:21*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0	0.99	ug/L		11/01/12 13:35	11/04/12 01:06	1
Arsenic	ND		1.0	0.40	ug/L		11/01/12 13:35	11/06/12 09:44	1
Beryllium	ND		0.20	0.070	ug/L		11/01/12 13:35	11/04/12 01:06	1
Cadmium	ND		0.50	0.20	ug/L		11/01/12 13:35	11/06/12 09:44	1
Chromium	ND		1.0	0.16	ug/L		11/01/12 13:35	11/06/12 09:44	1

Client Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Client Sample ID: Equip Blank

Lab Sample ID: 680-84289-11

Date Collected: 10/30/12 18:00
Matrix: Water
Date Received: 11/01/12 09:29

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	**1.0**		1.0	0.21	ug/L		11/01/12 13:35	11/06/12 09:44	1
Iron	ND		50	20	ug/L		11/01/12 13:35	11/06/12 09:44	1
Lead	ND		0.30	0.080	ug/L		11/01/12 13:35	11/06/12 09:44	1
Manganese	ND		2.0	0.84	ug/L		11/01/12 13:35	11/06/12 09:44	1
Nickel	ND		1.0	0.40	ug/L		11/01/12 13:35	11/06/12 09:44	1
Selenium	ND		0.50	0.21	ug/L		11/01/12 13:35	11/06/12 09:44	1
Silver	ND		0.20	0.10	ug/L		11/01/12 13:35	11/06/12 09:44	1
Thallium	ND		0.20	0.10	ug/L		11/01/12 13:35	11/06/12 09:44	1
Zinc	**6.7**	**J**	10	2.6	ug/L		11/01/12 13:35	11/06/12 09:44	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.091	ug/L		11/01/12 14:38	11/06/12 18:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	**130**		50	26	ug/L			11/02/12 18:41	1
Nitrate as N	ND		250	75	ug/L			11/01/12 14:03	5
Sulfate	**5100**		5000	2600	ug/L			11/11/12 14:36	5

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

Lab Sample ID: MB 680-255859/8
Matrix: Water
Analysis Batch: 255859

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	5.0	ug/L			11/09/12 12:09	1
Benzene	ND		1.0	0.25	ug/L			11/09/12 12:09	1
Bromochloromethane	ND		1.0	0.14	ug/L			11/09/12 12:09	1
Bromodichloromethane	ND		1.0	0.25	ug/L			11/09/12 12:09	1
Bromoform	ND		1.0	0.50	ug/L			11/09/12 12:09	1
Bromomethane	ND		1.0	0.80	ug/L			11/09/12 12:09	1
2-Butanone	ND		10	1.0	ug/L			11/09/12 12:09	1
Carbon disulfide	ND		2.0	0.60	ug/L			11/09/12 12:09	1
Carbon tetrachloride	ND		1.0	0.50	ug/L			11/09/12 12:09	1
Chlorobenzene	ND		1.0	0.25	ug/L			11/09/12 12:09	1
Chloroethane	ND		1.0	1.0	ug/L			11/09/12 12:09	1
Chloroform	ND		1.0	0.14	ug/L			11/09/12 12:09	1
Chloromethane	ND		1.0	0.33	ug/L			11/09/12 12:09	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			11/09/12 12:09	1
cis-1,3-Dichloropropene	ND		1.0	0.11	ug/L			11/09/12 12:09	1
Cyclohexane	ND		1.0	0.25	ug/L			11/09/12 12:09	1
Dibromochloromethane	ND		1.0	0.10	ug/L			11/09/12 12:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.44	ug/L			11/09/12 12:09	1
1,2-Dibromoethane	ND		1.0	0.25	ug/L			11/09/12 12:09	1
1,2-Dichlorobenzene	ND		1.0	0.21	ug/L			11/09/12 12:09	1
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L			11/09/12 12:09	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			11/09/12 12:09	1
Dichlorodifluoromethane	ND		1.0	0.25	ug/L			11/09/12 12:09	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			11/09/12 12:09	1
1,2-Dichloroethane	ND		1.0	0.10	ug/L			11/09/12 12:09	1
1,1-Dichloroethene	ND		1.0	0.11	ug/L			11/09/12 12:09	1
1,2-Dichloropropane	ND		1.0	0.13	ug/L			11/09/12 12:09	1
1,4-Dioxane	ND		50	50	ug/L			11/09/12 12:09	1
Ethylbenzene	ND		1.0	0.11	ug/L			11/09/12 12:09	1
2-Hexanone	ND		10	1.0	ug/L			11/09/12 12:09	1
Isopropylbenzene	ND		1.0	0.10	ug/L			11/09/12 12:09	1
Methyl acetate	ND		1.0	0.19	ug/L			11/09/12 12:09	1
Methylcyclohexane	ND		1.0	0.10	ug/L			11/09/12 12:09	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/09/12 12:09	1
4-Methyl-2-pentanone	ND		10	1.0	ug/L			11/09/12 12:09	1
Methyl tert-butyl ether	ND		10	0.20	ug/L			11/09/12 12:09	1
m-Xylene & p-Xylene	ND		2.0	0.20	ug/L			11/09/12 12:09	1
o-Xylene	ND		1.0	0.25	ug/L			11/09/12 12:09	1
Styrene	ND		1.0	0.11	ug/L			11/09/12 12:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			11/09/12 12:09	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/09/12 12:09	1
Toluene	ND		1.0	0.33	ug/L			11/09/12 12:09	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			11/09/12 12:09	1
trans-1,3-Dichloropropene	ND		1.0	0.21	ug/L			11/09/12 12:09	1
1,2,3-Trichlorobenzene	ND		1.0	0.35	ug/L			11/09/12 12:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			11/09/12 12:09	1
1,1,1-Trichloroethane	ND		1.0	0.50	ug/L			11/09/12 12:09	1
1,1,2-Trichloroethane	ND		1.0	0.13	ug/L			11/09/12 12:09	1

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

Lab Sample ID: MB 680-255859/8
Matrix: Water
Analysis Batch: 255859

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		1.0	0.13	ug/L			11/09/12 12:09	1
Trichlorofluoromethane	ND		1.0	0.25	ug/L			11/09/12 12:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.50	ug/L			11/09/12 12:09	1
Vinyl chloride	ND		1.0	0.18	ug/L			11/09/12 12:09	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*11/09/12 12:09*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*11/09/12 12:09*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*11/09/12 12:09*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*11/09/12 12:09*	*1*

Lab Sample ID: LCS 680-255859/4
Matrix: Water
Analysis Batch: 255859

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	89.9		ug/L		90	26 - 180
Benzene	50.0	47.1		ug/L		94	70 - 130
Bromochloromethane	50.0	47.7		ug/L		95	70 - 130
Bromodichloromethane	50.0	48.8		ug/L		98	70 - 130
Bromoform	50.0	45.2		ug/L		90	70 - 130
Bromomethane	50.0	30.0		ug/L		60	23 - 165
2-Butanone	100	99.0		ug/L		99	49 - 172
Carbon disulfide	50.0	48.6		ug/L		97	54 - 132
Carbon tetrachloride	50.0	51.8		ug/L		104	70 - 130
Chlorobenzene	50.0	48.9		ug/L		98	70 - 130
Chloroethane	50.0	46.2		ug/L		92	56 - 152
Chloroform	50.0	47.2		ug/L		94	70 - 130
Chloromethane	50.0	50.6		ug/L		101	70 - 130
cis-1,2-Dichloroethene	50.0	47.8		ug/L		96	70 - 130
cis-1,3-Dichloropropene	50.0	50.2		ug/L		100	70 - 130
Cyclohexane	50.0	36.8		ug/L		74	70 - 132
Dibromochloromethane	50.0	50.7		ug/L		101	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	54.8		ug/L		110	70 - 130
1,2-Dibromoethane	50.0	51.7		ug/L		103	70 - 130
1,2-Dichlorobenzene	50.0	50.2		ug/L		100	70 - 130
1,3-Dichlorobenzene	50.0	49.1		ug/L		98	70 - 130
1,4-Dichlorobenzene	50.0	49.5		ug/L		99	70 - 130
Dichlorodifluoromethane	50.0	55.8		ug/L		112	44 - 146
1,1-Dichloroethane	50.0	45.7		ug/L		91	70 - 130
1,2-Dichloroethane	50.0	50.0		ug/L		100	70 - 130
1,1-Dichloroethene	50.0	50.2		ug/L		100	66 - 131
1,2-Dichloropropane	50.0	47.2		ug/L		94	70 - 130
1,4-Dioxane	500	375		ug/L		75	50 - 150
Ethylbenzene	50.0	48.8		ug/L		98	70 - 130

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

Lab Sample ID: LCS 680-255859/4
Matrix: Water
Analysis Batch: 255859

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Hexanone	100	101		ug/L		101	42 - 185
Isopropylbenzene	50.0	53.0		ug/L		106	70 - 130
Methyl acetate	50.0	42.9		ug/L		86	70 - 130
Methylcyclohexane	50.0	45.5		ug/L		91	70 - 134
Methylene Chloride	50.0	47.5		ug/L		95	67 - 130
4-Methyl-2-pentanone	100	103		ug/L		103	70 - 130
Methyl tert-butyl ether	100	96.2		ug/L		96	64 - 131
m-Xylene & p-Xylene	100	99.8		ug/L		100	70 - 130
o-Xylene	50.0	50.9		ug/L		102	70 - 130
Styrene	50.0	51.3		ug/L		103	70 - 130
1,1,2,2-Tetrachloroethane	50.0	51.0		ug/L		102	70 - 130
Tetrachloroethene	50.0	50.9		ug/L		102	70 - 130
Toluene	50.0	48.8		ug/L		98	70 - 130
trans-1,2-Dichloroethene	50.0	48.8		ug/L		98	70 - 130
trans-1,3-Dichloropropene	50.0	50.7		ug/L		101	70 - 130
1,2,3-Trichlorobenzene	50.0	46.0		ug/L		92	70 - 130
1,2,4-Trichlorobenzene	50.0	46.2		ug/L		92	65 - 130
1,1,1-Trichloroethane	50.0	49.5		ug/L		99	70 - 130
1,1,2-Trichloroethane	50.0	51.6		ug/L		103	70 - 130
Trichloroethene	50.0	49.7		ug/L		99	70 - 130
Trichlorofluoromethane	50.0	52.9		ug/L		106	55 - 156
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	50.3		ug/L		101	60 - 135
Vinyl chloride	25.0	23.8		ug/L		95	67 - 134

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*98*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 680-255859/5
Matrix: Water
Analysis Batch: 255859

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	87.1		ug/L		87	26 - 180	3	50
Benzene	50.0	47.6		ug/L		95	70 - 130	1	30
Bromochloromethane	50.0	48.4		ug/L		97	70 - 130	2	30
Bromodichloromethane	50.0	48.7		ug/L		97	70 - 130	0	30
Bromoform	50.0	43.3		ug/L		87	70 - 130	4	30
Bromomethane	50.0	32.6		ug/L		65	23 - 165	8	50
2-Butanone	100	93.4		ug/L		93	49 - 172	6	30
Carbon disulfide	50.0	49.5		ug/L		99	54 - 132	2	30
Carbon tetrachloride	50.0	52.7		ug/L		105	70 - 130	2	30
Chlorobenzene	50.0	48.9		ug/L		98	70 - 130	0	30
Chloroethane	50.0	48.2		ug/L		96	56 - 152	4	40
Chloroform	50.0	47.9		ug/L		96	70 - 130	2	30
Chloromethane	50.0	53.2		ug/L		106	70 - 130	5	30

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

Lab Sample ID: LCSD 680-255859/5
Matrix: Water
Analysis Batch: 255859

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	50.0	48.7		ug/L		97	70 - 130	2	30
cis-1,3-Dichloropropene	50.0	49.2		ug/L		98	70 - 130	2	30
Cyclohexane	50.0	37.6		ug/L		75	70 - 132	2	30
Dibromochloromethane	50.0	50.2		ug/L		100	70 - 130	1	50
1,2-Dibromo-3-Chloropropane	50.0	52.2		ug/L		104	70 - 130	5	50
1,2-Dibromoethane	50.0	50.2		ug/L		100	70 - 130	3	30
1,2-Dichlorobenzene	50.0	49.7		ug/L		99	70 - 130	1	30
1,3-Dichlorobenzene	50.0	49.3		ug/L		99	70 - 130	0	30
1,4-Dichlorobenzene	50.0	49.6		ug/L		99	70 - 130	0	30
Dichlorodifluoromethane	50.0	57.3		ug/L		115	44 - 146	3	50
1,1-Dichloroethane	50.0	46.7		ug/L		93	70 - 130	2	30
1,2-Dichloroethane	50.0	48.3		ug/L		97	70 - 130	3	30
1,1-Dichloroethene	50.0	52.2		ug/L		104	66 - 131	4	30
1,2-Dichloropropane	50.0	46.8		ug/L		94	70 - 130	1	30
1,4-Dioxane	500	428		ug/L		86	50 - 150	13	50
Ethylbenzene	50.0	49.7		ug/L		99	70 - 130	2	30
2-Hexanone	100	94.8		ug/L		95	42 - 185	7	30
Isopropylbenzene	50.0	53.3		ug/L		107	70 - 130	1	30
Methyl acetate	50.0	41.1		ug/L		82	70 - 130	4	30
Methylcyclohexane	50.0	45.8		ug/L		92	70 - 134	1	30
Methylene Chloride	50.0	47.4		ug/L		95	67 - 130	0	30
4-Methyl-2-pentanone	100	96.5		ug/L		96	70 - 130	6	30
Methyl tert-butyl ether	100	95.0		ug/L		95	64 - 131	1	30
m-Xylene & p-Xylene	100	101		ug/L		101	70 - 130	2	30
o-Xylene	50.0	50.5		ug/L		101	70 - 130	1	30
Styrene	50.0	51.7		ug/L		103	70 - 130	1	30
1,1,2,2-Tetrachloroethane	50.0	49.4		ug/L		99	70 - 130	3	30
Tetrachloroethene	50.0	52.3		ug/L		105	70 - 130	3	30
Toluene	50.0	49.4		ug/L		99	70 - 130	1	30
trans-1,2-Dichloroethene	50.0	50.3		ug/L		101	70 - 130	3	30
trans-1,3-Dichloropropene	50.0	49.9		ug/L		100	70 - 130	2	50
1,2,3-Trichlorobenzene	50.0	46.1		ug/L		92	70 - 130	0	30
1,2,4-Trichlorobenzene	50.0	45.7		ug/L		91	65 - 130	1	30
1,1,1-Trichloroethane	50.0	50.8		ug/L		102	70 - 130	3	30
1,1,2-Trichloroethane	50.0	50.3		ug/L		101	70 - 130	3	30
Trichloroethene	50.0	50.4		ug/L		101	70 - 130	2	30
Trichlorofluoromethane	50.0	54.7		ug/L		109	55 - 156	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	51.3		ug/L		103	60 - 135	2	30
Vinyl chloride	25.0	25.2		ug/L		101	67 - 134	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

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

Lab Sample ID: MB 680-255950/7
Matrix: Water
Analysis Batch: 255950

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	5.0	ug/L			11/10/12 16:01	1
Benzene	ND		1.0	0.25	ug/L			11/10/12 16:01	1
Bromochloromethane	ND		1.0	0.14	ug/L			11/10/12 16:01	1
Bromodichloromethane	ND		1.0	0.25	ug/L			11/10/12 16:01	1
Bromoform	ND		1.0	0.50	ug/L			11/10/12 16:01	1
Bromomethane	ND		1.0	0.80	ug/L			11/10/12 16:01	1
2-Butanone	ND		10	1.0	ug/L			11/10/12 16:01	1
Carbon disulfide	ND		2.0	0.60	ug/L			11/10/12 16:01	1
Carbon tetrachloride	ND		1.0	0.50	ug/L			11/10/12 16:01	1
Chlorobenzene	ND		1.0	0.25	ug/L			11/10/12 16:01	1
Chloroethane	ND		1.0	1.0	ug/L			11/10/12 16:01	1
Chloroform	ND		1.0	0.14	ug/L			11/10/12 16:01	1
Chloromethane	ND		1.0	0.33	ug/L			11/10/12 16:01	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			11/10/12 16:01	1
cis-1,3-Dichloropropene	ND		1.0	0.11	ug/L			11/10/12 16:01	1
Cyclohexane	ND		1.0	0.25	ug/L			11/10/12 16:01	1
Dibromochloromethane	ND		1.0	0.10	ug/L			11/10/12 16:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.44	ug/L			11/10/12 16:01	1
1,2-Dibromoethane	ND		1.0	0.25	ug/L			11/10/12 16:01	1
1,2-Dichlorobenzene	ND		1.0	0.21	ug/L			11/10/12 16:01	1
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L			11/10/12 16:01	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			11/10/12 16:01	1
Dichlorodifluoromethane	ND		1.0	0.25	ug/L			11/10/12 16:01	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			11/10/12 16:01	1
1,2-Dichloroethane	ND		1.0	0.10	ug/L			11/10/12 16:01	1
1,1-Dichloroethene	ND		1.0	0.11	ug/L			11/10/12 16:01	1
1,2-Dichloropropane	ND		1.0	0.13	ug/L			11/10/12 16:01	1
1,4-Dioxane	ND		50	50	ug/L			11/10/12 16:01	1
Ethylbenzene	ND		1.0	0.11	ug/L			11/10/12 16:01	1
2-Hexanone	ND		10	1.0	ug/L			11/10/12 16:01	1
Isopropylbenzene	ND		1.0	0.10	ug/L			11/10/12 16:01	1
Methyl acetate	ND		1.0	0.19	ug/L			11/10/12 16:01	1
Methylcyclohexane	ND		1.0	0.10	ug/L			11/10/12 16:01	1
Methylene Chloride	ND		5.0	1.0	ug/L			11/10/12 16:01	1
4-Methyl-2-pentanone	ND		10	1.0	ug/L			11/10/12 16:01	1
Methyl tert-butyl ether	ND		10	0.20	ug/L			11/10/12 16:01	1
m-Xylene & p-Xylene	ND		2.0	0.20	ug/L			11/10/12 16:01	1
o-Xylene	ND		1.0	0.25	ug/L			11/10/12 16:01	1
Styrene	ND		1.0	0.11	ug/L			11/10/12 16:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			11/10/12 16:01	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/10/12 16:01	1
Toluene	ND		1.0	0.33	ug/L			11/10/12 16:01	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ug/L			11/10/12 16:01	1
trans-1,3-Dichloropropene	ND		1.0	0.21	ug/L			11/10/12 16:01	1
1,2,3-Trichlorobenzene	ND		1.0	0.35	ug/L			11/10/12 16:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L			11/10/12 16:01	1
1,1,1-Trichloroethane	ND		1.0	0.50	ug/L			11/10/12 16:01	1
1,1,2-Trichloroethane	ND		1.0	0.13	ug/L			11/10/12 16:01	1

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

Lab Sample ID: MB 680-255950/7
Matrix: Water
Analysis Batch: 255950

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		1.0	0.13	ug/L			11/10/12 16:01	1
Trichlorofluoromethane	ND		1.0	0.25	ug/L			11/10/12 16:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.50	ug/L			11/10/12 16:01	1
Vinyl chloride	ND		1.0	0.18	ug/L			11/10/12 16:01	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*11/10/12 16:01*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*11/10/12 16:01*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*11/10/12 16:01*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*11/10/12 16:01*	*1*

Lab Sample ID: LCS 680-255950/4
Matrix: Water
Analysis Batch: 255950

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	155		ug/L		155	26 - 180
Benzene	50.0	50.0		ug/L		100	70 - 130
Bromochloromethane	50.0	48.9		ug/L		98	70 - 130
Bromodichloromethane	50.0	51.1		ug/L		102	70 - 130
Bromoform	50.0	47.9		ug/L		96	70 - 130
Bromomethane	50.0	45.5		ug/L		91	23 - 165
2-Butanone	100	133		ug/L		133	49 - 172
Carbon disulfide	50.0	50.3		ug/L		101	54 - 132
Carbon tetrachloride	50.0	51.4		ug/L		103	70 - 130
Chlorobenzene	50.0	49.7		ug/L		99	70 - 130
Chloroethane	50.0	59.8		ug/L		120	56 - 152
Chloroform	50.0	49.7		ug/L		99	70 - 130
Chloromethane	50.0	57.2		ug/L		114	70 - 130
cis-1,2-Dichloroethene	50.0	49.1		ug/L		98	70 - 130
cis-1,3-Dichloropropene	50.0	53.5		ug/L		107	70 - 130
Cyclohexane	50.0	50.8		ug/L		102	70 - 132
Dibromochloromethane	50.0	45.2		ug/L		90	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	47.0		ug/L		94	70 - 130
1,2-Dibromoethane	50.0	51.7		ug/L		103	70 - 130
1,2-Dichlorobenzene	50.0	50.9		ug/L		102	70 - 130
1,3-Dichlorobenzene	50.0	50.9		ug/L		102	70 - 130
1,4-Dichlorobenzene	50.0	50.4		ug/L		101	70 - 130
Dichlorodifluoromethane	50.0	45.9		ug/L		92	44 - 146
1,1-Dichloroethane	50.0	49.3		ug/L		99	70 - 130
1,2-Dichloroethane	50.0	49.6		ug/L		99	70 - 130
1,1-Dichloroethene	50.0	49.5		ug/L		99	66 - 131
1,2-Dichloropropane	50.0	50.7		ug/L		101	70 - 130
1,4-Dioxane	500	584		ug/L		117	50 - 150
Ethylbenzene	50.0	51.2		ug/L		102	70 - 130

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

Lab Sample ID: LCS 680-255950/4
Matrix: Water
Analysis Batch: 255950

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Hexanone	100	157		ug/L		157	42 - 185
Isopropylbenzene	50.0	51.6		ug/L		103	70 - 130
Methyl acetate	50.0	63.7		ug/L		127	70 - 130
Methylcyclohexane	50.0	50.6		ug/L		101	70 - 134
Methylene Chloride	50.0	48.7		ug/L		97	67 - 130
4-Methyl-2-pentanone	100	108		ug/L		108	70 - 130
Methyl tert-butyl ether	100	102		ug/L		102	64 - 131
m-Xylene & p-Xylene	100	104		ug/L		104	70 - 130
o-Xylene	50.0	51.4		ug/L		103	70 - 130
Styrene	50.0	54.3		ug/L		109	70 - 130
1,1,2,2-Tetrachloroethane	50.0	50.8		ug/L		102	70 - 130
Tetrachloroethene	50.0	49.8		ug/L		100	70 - 130
Toluene	50.0	51.3		ug/L		103	70 - 130
trans-1,2-Dichloroethene	50.0	48.7		ug/L		97	70 - 130
trans-1,3-Dichloropropene	50.0	46.3		ug/L		93	70 - 130
1,2,3-Trichlorobenzene	50.0	49.6		ug/L		99	70 - 130
1,2,4-Trichlorobenzene	50.0	50.4		ug/L		101	65 - 130
1,1,1-Trichloroethane	50.0	50.1		ug/L		100	70 - 130
1,1,2-Trichloroethane	50.0	50.9		ug/L		102	70 - 130
Trichloroethene	50.0	48.8		ug/L		98	70 - 130
Trichlorofluoromethane	50.0	59.8		ug/L		120	55 - 156
1,1,2-Trichloro-1,2,2-trifluoroetha ne	50.0	48.0		ug/L		96	60 - 135
Vinyl chloride	50.0	57.3		ug/L		115	67 - 134

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 680-255950/5
Matrix: Water
Analysis Batch: 255950

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	156		ug/L		156	26 - 180	0	50
Benzene	50.0	50.9		ug/L		102	70 - 130	2	30
Bromochloromethane	50.0	51.3		ug/L		103	70 - 130	5	30
Bromodichloromethane	50.0	50.9		ug/L		102	70 - 130	0	30
Bromoform	50.0	46.8		ug/L		94	70 - 130	2	30
Bromomethane	50.0	52.0		ug/L		104	23 - 165	13	50
2-Butanone	100	134		ug/L		134	49 - 172	1	30
Carbon disulfide	50.0	53.7		ug/L		107	54 - 132	6	30
Carbon tetrachloride	50.0	52.7		ug/L		105	70 - 130	2	30
Chlorobenzene	50.0	50.4		ug/L		101	70 - 130	1	30
Chloroethane	50.0	60.4		ug/L		121	56 - 152	1	40
Chloroform	50.0	53.0		ug/L		106	70 - 130	7	30
Chloromethane	50.0	64.2		ug/L		128	70 - 130	12	30

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

Lab Sample ID: LCSD 680-255950/5
Matrix: Water
Analysis Batch: 255950

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	50.0	53.5		ug/L		107	70 - 130	9	30
cis-1,3-Dichloropropene	50.0	52.4		ug/L		105	70 - 130	2	30
Cyclohexane	50.0	52.5		ug/L		105	70 - 132	3	30
Dibromochloromethane	50.0	44.4		ug/L		89	70 - 130	2	50
1,2-Dibromo-3-Chloropropane	50.0	46.6		ug/L		93	70 - 130	1	50
1,2-Dibromoethane	50.0	50.5		ug/L		101	70 - 130	2	30
1,2-Dichlorobenzene	50.0	50.8		ug/L		102	70 - 130	0	30
1,3-Dichlorobenzene	50.0	51.0		ug/L		102	70 - 130	0	30
1,4-Dichlorobenzene	50.0	50.6		ug/L		101	70 - 130	0	30
Dichlorodifluoromethane	50.0	51.7		ug/L		103	44 - 146	12	50
1,1-Dichloroethane	50.0	52.7		ug/L		105	70 - 130	7	30
1,2-Dichloroethane	50.0	48.1		ug/L		96	70 - 130	3	30
1,1-Dichloroethene	50.0	53.3		ug/L		107	66 - 131	8	30
1,2-Dichloropropane	50.0	50.7		ug/L		101	70 - 130	0	30
1,4-Dioxane	500	598		ug/L		120	50 - 150	2	50
Ethylbenzene	50.0	52.4		ug/L		105	70 - 130	2	30
2-Hexanone	100	153		ug/L		153	42 - 185	3	30
Isopropylbenzene	50.0	53.8		ug/L		108	70 - 130	4	30
Methyl acetate	50.0	51.4		ug/L		103	70 - 130	21	30
Methylcyclohexane	50.0	52.8		ug/L		106	70 - 134	4	30
Methylene Chloride	50.0	44.8		ug/L		90	67 - 130	8	30
4-Methyl-2-pentanone	100	104		ug/L		104	70 - 130	4	30
Methyl tert-butyl ether	100	98.8		ug/L		99	64 - 131	3	30
m-Xylene & p-Xylene	100	105		ug/L		105	70 - 130	1	30
o-Xylene	50.0	52.2		ug/L		104	70 - 130	2	30
Styrene	50.0	54.2		ug/L		108	70 - 130	0	30
1,1,2,2-Tetrachloroethane	50.0	49.8		ug/L		100	70 - 130	2	30
Tetrachloroethene	50.0	52.1		ug/L		104	70 - 130	5	30
Toluene	50.0	52.0		ug/L		104	70 - 130	1	30
trans-1,2-Dichloroethene	50.0	50.6		ug/L		101	70 - 130	4	30
trans-1,3-Dichloropropene	50.0	44.8		ug/L		90	70 - 130	3	50
1,2,3-Trichlorobenzene	50.0	49.9		ug/L		100	70 - 130	1	30
1,2,4-Trichlorobenzene	50.0	50.0		ug/L		100	65 - 130	1	30
1,1,1-Trichloroethane	50.0	51.2		ug/L		102	70 - 130	2	30
1,1,2-Trichloroethane	50.0	49.2		ug/L		98	70 - 130	3	30
Trichloroethene	50.0	51.0		ug/L		102	70 - 130	4	30
Trichlorofluoromethane	50.0	64.8		ug/L		130	55 - 156	8	30
1,1,2-Trichloro-1,2,2-trifluoroetha ne	50.0	51.5		ug/L		103	60 - 135	7	30
Vinyl chloride	50.0	64.6		ug/L		129	67 - 134	12	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*105*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

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

Lab Sample ID: MB 680-255216/20-A
Matrix: Water
Analysis Batch: 255970

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255216

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		10	0.76	ug/L		11/05/12 15:42	11/11/12 00:46	1
Acenaphthylene	ND		10	0.85	ug/L		11/05/12 15:42	11/11/12 00:46	1
Acetophenone	ND		10	0.57	ug/L		11/05/12 15:42	11/11/12 00:46	1
Anthracene	ND		10	0.69	ug/L		11/05/12 15:42	11/11/12 00:46	1
Atrazine	ND		10	1.2	ug/L		11/05/12 15:42	11/11/12 00:46	1
Benzaldehyde	ND		10	1.1	ug/L		11/05/12 15:42	11/11/12 00:46	1
Benzo[a]anthracene	ND		10	0.55	ug/L		11/05/12 15:42	11/11/12 00:46	1
Benzo[a]pyrene	ND		10	0.71	ug/L		11/05/12 15:42	11/11/12 00:46	1
Benzo[b]fluoranthene	ND		10	2.6	ug/L		11/05/12 15:42	11/11/12 00:46	1
Benzo[g,h,i]perylene	ND		10	0.87	ug/L		11/05/12 15:42	11/11/12 00:46	1
Benzo[k]fluoranthene	ND		10	1.2	ug/L		11/05/12 15:42	11/11/12 00:46	1
1,1'-Biphenyl	ND		10	0.58	ug/L		11/05/12 15:42	11/11/12 00:46	1
Bis(2-chloroethoxy)methane	ND		10	0.94	ug/L		11/05/12 15:42	11/11/12 00:46	1
Bis(2-chloroethyl)ether	ND		10	1.1	ug/L		11/05/12 15:42	11/11/12 00:46	1
2,2'-oxybis[1-chloropropane]	ND		10	0.78	ug/L		11/05/12 15:42	11/11/12 00:46	1
Bis(2-ethylhexyl) phthalate	ND		10	1.6	ug/L		11/05/12 15:42	11/11/12 00:46	1
4-Bromophenyl phenyl ether	ND		10	0.77	ug/L		11/05/12 15:42	11/11/12 00:46	1
Butyl benzyl phthalate	ND		10	1.2	ug/L		11/05/12 15:42	11/11/12 00:46	1
Caprolactam	ND		10	0.79	ug/L		11/05/12 15:42	11/11/12 00:46	1
Carbazole	ND		10	0.71	ug/L		11/05/12 15:42	11/11/12 00:46	1
4-Chloroaniline	ND		20	2.2	ug/L		11/05/12 15:42	11/11/12 00:46	1
4-Chloro-3-methylphenol	ND		10	1.0	ug/L		11/05/12 15:42	11/11/12 00:46	1
2-Chloronaphthalene	ND		10	0.80	ug/L		11/05/12 15:42	11/11/12 00:46	1
2-Chlorophenol	ND		10	0.87	ug/L		11/05/12 15:42	11/11/12 00:46	1
4-Chlorophenyl phenyl ether	ND		10	0.84	ug/L		11/05/12 15:42	11/11/12 00:46	1
Chrysene	ND		10	0.51	ug/L		11/05/12 15:42	11/11/12 00:46	1
Dibenz(a,h)anthracene	ND		10	1.0	ug/L		11/05/12 15:42	11/11/12 00:46	1
Dibenzofuran	ND		10	0.79	ug/L		11/05/12 15:42	11/11/12 00:46	1
3,3'-Dichlorobenzidine	ND		60	30	ug/L		11/05/12 15:42	11/11/12 00:46	1
2,4-Dichlorophenol	ND		10	1.1	ug/L		11/05/12 15:42	11/11/12 00:46	1
Diethyl phthalate	ND		10	0.88	ug/L		11/05/12 15:42	11/11/12 00:46	1
2,4-Dimethylphenol	ND		10	4.0	ug/L		11/05/12 15:42	11/11/12 00:46	1
Dimethyl phthalate	ND		10	0.99	ug/L		11/05/12 15:42	11/11/12 00:46	1
Di-n-butyl phthalate	ND		10	0.83	ug/L		11/05/12 15:42	11/11/12 00:46	1
4,6-Dinitro-2-methylphenol	ND		50	10	ug/L		11/05/12 15:42	11/11/12 00:46	1
2,4-Dinitrophenol	ND		50	10	ug/L		11/05/12 15:42	11/11/12 00:46	1
2,4-Dinitrotoluene	ND		10	1.2	ug/L		11/05/12 15:42	11/11/12 00:46	1
2,6-Dinitrotoluene	ND		10	1.1	ug/L		11/05/12 15:42	11/11/12 00:46	1
Di-n-octyl phthalate	ND		10	1.4	ug/L		11/05/12 15:42	11/11/12 00:46	1
Fluoranthene	ND		10	0.74	ug/L		11/05/12 15:42	11/11/12 00:46	1
Fluorene	ND		10	0.96	ug/L		11/05/12 15:42	11/11/12 00:46	1
Hexachlorobenzene	ND		10	0.79	ug/L		11/05/12 15:42	11/11/12 00:46	1
Hexachlorobutadiene	ND		10	0.62	ug/L		11/05/12 15:42	11/11/12 00:46	1
Hexachlorocyclopentadiene	ND		10	2.5	ug/L		11/05/12 15:42	11/11/12 00:46	1
Hexachloroethane	ND		10	0.76	ug/L		11/05/12 15:42	11/11/12 00:46	1
Indeno[1,2,3-cd]pyrene	ND		10	1.0	ug/L		11/05/12 15:42	11/11/12 00:46	1
Isophorone	ND		10	0.90	ug/L		11/05/12 15:42	11/11/12 00:46	1
2-Methylnaphthalene	ND		10	0.78	ug/L		11/05/12 15:42	11/11/12 00:46	1

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

Lab Sample ID: MB 680-255216/20-A | **Client Sample ID: Method Blank**
Matrix: Water | **Prep Type: Total/NA**
Analysis Batch: 255970 | **Prep Batch: 255216**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10	0.89	ug/L		11/05/12 15:42	11/11/12 00:46	1
3 & 4 Methylphenol	ND		10	1.3	ug/L		11/05/12 15:42	11/11/12 00:46	1
Naphthalene	ND		10	0.70	ug/L		11/05/12 15:42	11/11/12 00:46	1
2-Nitroaniline	ND		50	1.3	ug/L		11/05/12 15:42	11/11/12 00:46	1
3-Nitroaniline	ND		50	5.0	ug/L		11/05/12 15:42	11/11/12 00:46	1
4-Nitroaniline	ND		50	5.0	ug/L		11/05/12 15:42	11/11/12 00:46	1
Nitrobenzene	ND		10	0.73	ug/L		11/05/12 15:42	11/11/12 00:46	1
2-Nitrophenol	ND		10	0.76	ug/L		11/05/12 15:42	11/11/12 00:46	1
4-Nitrophenol	ND		50	1.9	ug/L		11/05/12 15:42	11/11/12 00:46	1
N-Nitrosodi-n-propylamine	ND		10	0.72	ug/L		11/05/12 15:42	11/11/12 00:46	1
N-Nitrosodiphenylamine	ND		10	0.92	ug/L		11/05/12 15:42	11/11/12 00:46	1
Pentachlorophenol	ND		50	2.0	ug/L		11/05/12 15:42	11/11/12 00:46	1
Phenanthrene	ND		10	0.77	ug/L		11/05/12 15:42	11/11/12 00:46	1
Phenol	ND		10	0.83	ug/L		11/05/12 15:42	11/11/12 00:46	1
Pyrene	ND		10	0.63	ug/L		11/05/12 15:42	11/11/12 00:46	1
1,2,4,5-Tetrachlorobenzene	ND		10	0.76	ug/L		11/05/12 15:42	11/11/12 00:46	1
2,3,4,6-Tetrachlorophenol	ND		10	0.72	ug/L		11/05/12 15:42	11/11/12 00:46	1
2,4,5-Trichlorophenol	ND		10	1.2	ug/L		11/05/12 15:42	11/11/12 00:46	1
2,4,6-Trichlorophenol	ND		10	0.85	ug/L		11/05/12 15:42	11/11/12 00:46	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*11/05/12 15:42*	*11/11/12 00:46*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*38 - 130*	*11/05/12 15:42*	*11/11/12 00:46*	*1*
2-Fluorophenol	*70*		*25 - 130*	*11/05/12 15:42*	*11/11/12 00:46*	*1*
Nitrobenzene-d5	*74*		*39 - 130*	*11/05/12 15:42*	*11/11/12 00:46*	*1*
Phenol-d5	*69*		*25 - 130*	*11/05/12 15:42*	*11/11/12 00:46*	*1*
Terphenyl-d14	*72*		*10 - 143*	*11/05/12 15:42*	*11/11/12 00:46*	*1*
2,4,6-Tribromophenol	*74*		*31 - 141*	*11/05/12 15:42*	*11/11/12 00:46*	*1*

Lab Sample ID: LCS 680-255216/21-A | **Client Sample ID: Lab Control Sample**
Matrix: Water | **Prep Type: Total/NA**
Analysis Batch: 255970 | **Prep Batch: 255216**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	100	80.7		ug/L		81	55 - 130
Acenaphthylene	100	83.1		ug/L		83	60 - 130
Acetophenone	100	73.1		ug/L		73	54 - 130
Anthracene	100	82.0		ug/L		82	61 - 130
Atrazine	100	118		ug/L		118	66 - 130
Benzaldehyde	100	113	E	ug/L		113	59 - 142
Benzo[a]anthracene	100	83.8		ug/L		84	58 - 130
Benzo[a]pyrene	100	80.8		ug/L		81	61 - 130
Benzo[b]fluoranthene	100	77.4		ug/L		77	51 - 130
Benzo[g,h,i]perylene	100	74.7		ug/L		75	54 - 130
Benzo[k]fluoranthene	100	80.9		ug/L		81	53 - 130

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

Lab Sample ID: LCS 680-255216/21-A
Matrix: Water
Analysis Batch: 255970

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255216

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1'-Biphenyl	100	73.5		ug/L		74	54 - 130
Bis(2-chloroethoxy)methane	100	86.1		ug/L		86	64 - 130
Bis(2-chloroethyl)ether	100	82.0		ug/L		82	56 - 130
2,2'-oxybis[1-chloropropane]	100	79.4		ug/L		79	55 - 130
Bis(2-ethylhexyl) phthalate	100	81.2		ug/L		81	62 - 130
4-Bromophenyl phenyl ether	100	81.9		ug/L		82	61 - 130
Butyl benzyl phthalate	100	88.3		ug/L		88	66 - 130
Carbazole	100	95.9		ug/L		96	67 - 130
4-Chloroaniline	100	52.7		ug/L		53	42 - 130
4-Chloro-3-methylphenol	100	78.9		ug/L		79	60 - 130
2-Chloronaphthalene	100	74.4		ug/L		74	53 - 130
2-Chlorophenol	100	74.7		ug/L		75	57 - 130
4-Chlorophenyl phenyl ether	100	79.0		ug/L		79	57 - 130
Chrysene	100	79.7		ug/L		80	59 - 130
Dibenz(a,h)anthracene	100	72.5		ug/L		73	55 - 130
Dibenzofuran	100	79.0		ug/L		79	58 - 130
3,3'-Dichlorobenzidine	100	56.2	J	ug/L		56	27 - 130
2,4-Dichlorophenol	100	76.7		ug/L		77	54 - 130
Diethyl phthalate	100	91.0		ug/L		91	70 - 130
2,4-Dimethylphenol	100	64.0		ug/L		64	40 - 130
Dimethyl phthalate	100	90.1		ug/L		90	69 - 130
Di-n-butyl phthalate	100	92.3		ug/L		92	66 - 130
4,6-Dinitro-2-methylphenol	100	96.0		ug/L		96	45 - 134
2,4-Dinitrophenol	100	103		ug/L		103	20 - 165
2,4-Dinitrotoluene	100	84.8		ug/L		85	63 - 130
2,6-Dinitrotoluene	100	82.6		ug/L		83	65 - 130
Di-n-octyl phthalate	100	85.8		ug/L		86	64 - 130
Fluoranthene	100	84.7		ug/L		85	56 - 130
Fluorene	100	84.5		ug/L		85	61 - 130
Hexachlorobenzene	100	73.5		ug/L		73	52 - 130
Hexachlorobutadiene	100	67.0		ug/L		67	36 - 130
Hexachlorocyclopentadiene	100	41.0		ug/L		41	10 - 130
Hexachloroethane	100	63.0		ug/L		63	39 - 130
Indeno[1,2,3-cd]pyrene	100	73.0		ug/L		73	47 - 130
Isophorone	100	79.1		ug/L		79	59 - 130
2-Methylnaphthalene	100	77.5		ug/L		78	52 - 130
2-Methylphenol	100	71.9		ug/L		72	55 - 130
3 & 4 Methylphenol	100	73.9		ug/L		74	35 - 130
Naphthalene	100	75.1		ug/L		75	50 - 130
2-Nitroaniline	100	83.5		ug/L		83	60 - 130
3-Nitroaniline	100	75.0		ug/L		75	54 - 130
4-Nitroaniline	100	81.5		ug/L		81	54 - 130
Nitrobenzene	100	73.6		ug/L		74	56 - 130
2-Nitrophenol	100	75.1		ug/L		75	54 - 130
4-Nitrophenol	100	75.1		ug/L		75	38 - 130
N-Nitrosodi-n-propylamine	100	79.9		ug/L		80	64 - 130
N-Nitrosodiphenylamine	100	89.1		ug/L		89	68 - 130
Pentachlorophenol	100	97.8		ug/L		98	42 - 138

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

Lab Sample ID: LCS 680-255216/21-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255970 — **Prep Batch: 255216**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenanthrene	100	86.9		ug/L		87	62 - 130
Phenol	100	65.6		ug/L		66	29 - 130
Pyrene	100	82.3		ug/L		82	60 - 130
2,4,5-Trichlorophenol	100	81.1		ug/L		81	61 - 130
2,4,6-Trichlorophenol	100	78.8		ug/L		79	57 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*75*		*38 - 130*
2-Fluorophenol	*68*		*25 - 130*
Nitrobenzene-d5	*72*		*39 - 130*
Phenol-d5	*69*		*25 - 130*
Terphenyl-d14	*71*		*10 - 143*
2,4,6-Tribromophenol	*85*		*31 - 141*

Lab Sample ID: LCS 680-255216/24-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255970 — **Prep Batch: 255216**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4,5-Tetrachlorobenzene	100	72.9		ug/L		73	51 - 130
2,3,4,6-Tetrachlorophenol	100	87.1		ug/L		87	64 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*79*		*38 - 130*
2-Fluorophenol	*69*		*25 - 130*
Nitrobenzene-d5	*75*		*39 - 130*
Phenol-d5	*64*		*25 - 130*
Terphenyl-d14	*39*		*10 - 143*
2,4,6-Tribromophenol	*80*		*31 - 141*

Lab Sample ID: 680-84289-1 MS — **Client Sample ID: TMW-2**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255970 — **Prep Batch: 255216**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	ND		97.1	62.8		ug/L		65	55 - 130
Acenaphthylene	ND		97.1	63.4		ug/L		65	60 - 130
Acetophenone	ND		97.1	56.1		ug/L		58	54 - 130
Anthracene	ND		97.1	63.6		ug/L		65	61 - 130
Atrazine	ND		97.1	39.8	F	ug/L		41	66 - 130
Benzaldehyde	ND		97.1	60.9		ug/L		63	59 - 142
Benzo[a]anthracene	ND		97.1	70.6		ug/L		73	58 - 130
Benzo[a]pyrene	ND		97.1	67.6		ug/L		70	61 - 130
Benzo[b]fluoranthene	ND		97.1	65.0		ug/L		67	51 - 130
Benzo[g,h,i]perylene	ND		97.1	63.1		ug/L		65	54 - 130
Benzo[k]fluoranthene	ND		97.1	67.7		ug/L		70	53 - 130
1,1'-Biphenyl	ND		97.1	56.5		ug/L		58	54 - 130
Bis(2-chloroethoxy)methane	ND		97.1	63.4		ug/L		65	64 - 130

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

Lab Sample ID: 680-84289-1 MS | **Client Sample ID: TMW-2**
Matrix: Water | **Prep Type: Total/NA**
Analysis Batch: 255970 | **Prep Batch: 255216**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-chloroethyl)ether	ND		97.1	63.7		ug/L		66	56 - 130
2,2'-oxybis[1-chloropropane]	ND		97.1	60.1		ug/L		62	55 - 130
Bis(2-ethylhexyl) phthalate	ND		97.1	67.9		ug/L		70	62 - 130
4-Bromophenyl phenyl ether	ND		97.1	62.7		ug/L		65	61 - 130
Butyl benzyl phthalate	ND		97.1	73.6		ug/L		76	66 - 130
Carbazole	ND		97.1	70.5		ug/L		73	67 - 130
4-Chloroaniline	ND		97.1	10.6	J F	ug/L		11	42 - 130
4-Chloro-3-methylphenol	ND		97.1	58.6		ug/L		60	60 - 130
2-Chloronaphthalene	ND		97.1	56.1		ug/L		58	53 - 130
2-Chlorophenol	ND		97.1	56.0		ug/L		58	57 - 130
4-Chlorophenyl phenyl ether	ND		97.1	62.3		ug/L		64	57 - 130
Chrysene	ND		97.1	64.5		ug/L		66	59 - 130
Dibenz(a,h)anthracene	ND		97.1	63.5		ug/L		65	55 - 130
Dibenzofuran	ND		97.1	60.0		ug/L		62	58 - 130
3,3'-Dichlorobenzidine	ND		97.1	ND	F	ug/L		0	27 - 130
2,4-Dichlorophenol	ND		97.1	57.1		ug/L		59	54 - 130
Diethyl phthalate	1.5	J	97.1	68.6	F	ug/L		69	70 - 130
2,4-Dimethylphenol	ND		97.1	61.3		ug/L		63	40 - 130
Dimethyl phthalate	ND		97.1	66.4	F	ug/L		68	69 - 130
Di-n-butyl phthalate	ND		97.1	71.9		ug/L		74	66 - 130
4,6-Dinitro-2-methylphenol	ND		97.1	71.3		ug/L		73	45 - 134
2,4-Dinitrophenol	ND		97.1	80.7		ug/L		83	20 - 165
2,4-Dinitrotoluene	ND		97.1	63.9		ug/L		66	63 - 130
2,6-Dinitrotoluene	ND		97.1	63.4		ug/L		65	65 - 130
Di-n-octyl phthalate	ND		97.1	72.4		ug/L		75	64 - 130
Fluoranthene	ND		97.1	68.1		ug/L		70	56 - 130
Fluorene	ND		97.1	64.8		ug/L		67	61 - 130
Hexachlorobenzene	ND		97.1	57.4		ug/L		59	52 - 130
Hexachlorobutadiene	ND		97.1	46.9		ug/L		48	36 - 130
Hexachlorocyclopentadiene	ND		97.1	32.2		ug/L		33	10 - 130
Hexachloroethane	ND		97.1	42.6		ug/L		44	39 - 130
Indeno[1,2,3-cd]pyrene	ND		97.1	61.6		ug/L		63	47 - 130
Isophorone	ND		97.1	57.8		ug/L		60	59 - 130
2-Methylnaphthalene	ND		97.1	56.5		ug/L		58	52 - 130
2-Methylphenol	ND		97.1	57.6		ug/L		59	55 - 130
3 & 4 Methylphenol	ND		97.1	59.4		ug/L		61	35 - 130
Naphthalene	ND		97.1	55.4		ug/L		57	50 - 130
2-Nitroaniline	ND		97.1	61.8		ug/L		64	60 - 130
3-Nitroaniline	ND		97.1	30.2	J F	ug/L		31	54 - 130
4-Nitroaniline	ND		97.1	54.3		ug/L		56	54 - 130
Nitrobenzene	ND		97.1	57.2		ug/L		59	56 - 130
2-Nitrophenol	ND		97.1	55.6		ug/L		57	54 - 130
4-Nitrophenol	ND		97.1	61.7		ug/L		63	38 - 130
N-Nitrosodi-n-propylamine	ND		97.1	61.1	F	ug/L		63	64 - 130
N-Nitrosodiphenylamine	ND		97.1	64.2	F	ug/L		66	68 - 130
Pentachlorophenol	ND		97.1	74.5		ug/L		77	42 - 138
Phenanthrene	ND		97.1	66.4		ug/L		68	62 - 130
Phenol	ND		97.1	50.8		ug/L		52	29 - 130

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

Lab Sample ID: 680-84289-1 MS — **Client Sample ID: TMW-2**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255970 — **Prep Batch: 255216**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyrene	ND		97.1	67.7		ug/L		70	60 - 130
2,4,5-Trichlorophenol	ND		97.1	59.2		ug/L		61	61 - 130
2,4,6-Trichlorophenol	ND		97.1	60.9		ug/L		63	57 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*57*		*38 - 130*
2-Fluorophenol	*54*		*25 - 130*
Nitrobenzene-d5	*57*		*39 - 130*
Phenol-d5	*55*		*25 - 130*
Terphenyl-d14	*48*		*10 - 143*
2,4,6-Tribromophenol	*66*		*31 - 141*

Lab Sample ID: 680-84289-1 MSD — **Client Sample ID: TMW-2**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255970 — **Prep Batch: 255216**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	ND		92.1	51.1		ug/L		56	55 - 130	21	50
Acenaphthylene	ND		92.1	50.3	F	ug/L		55	60 - 130	23	50
Acetophenone	ND		92.1	41.7	F	ug/L		45	54 - 130	30	50
Anthracene	ND		92.1	55.4	F	ug/L		60	61 - 130	14	50
Atrazine	ND		92.1	15.1	F	ug/L		16	66 - 130	90	50
Benzaldehyde	ND		92.1	54.1		ug/L		59	59 - 142	12	50
Benzo[a]anthracene	ND		92.1	51.0	F	ug/L		55	58 - 130	32	50
Benzo[a]pyrene	ND		92.1	54.4	F	ug/L		59	61 - 130	22	50
Benzo[b]fluoranthene	ND		92.1	58.9		ug/L		64	51 - 130	10	50
Benzo[g,h,i]perylene	ND		92.1	51.3		ug/L		56	54 - 130	21	50
Benzo[k]fluoranthene	ND		92.1	53.5		ug/L		58	53 - 130	23	50
1,1'-Biphenyl	ND		92.1	44.0	F	ug/L		48	54 - 130	25	50
Bis(2-chloroethoxy)methane	ND		92.1	42.5	F	ug/L		46	64 - 130	40	50
Bis(2-chloroethyl)ether	ND		92.1	47.8	F	ug/L		52	56 - 130	28	50
2,2'-oxybis[1-chloropropane]	ND		92.1	44.0	F	ug/L		48	55 - 130	31	50
Bis(2-ethylhexyl) phthalate	ND		92.1	51.3	F	ug/L		56	62 - 130	28	50
4-Bromophenyl phenyl ether	ND		92.1	57.8		ug/L		63	61 - 130	8	50
Butyl benzyl phthalate	ND		92.1	60.2	F	ug/L		65	66 - 130	20	50
Carbazole	ND		92.1	53.1	F	ug/L		58	67 - 130	28	50
4-Chloroaniline	ND		92.1	5.61	J F	ug/L		6	42 - 130	62	50
4-Chloro-3-methylphenol	ND		92.1	52.7	F	ug/L		57	60 - 130	11	50
2-Chloronaphthalene	ND		92.1	44.4	F	ug/L		48	53 - 130	23	50
2-Chlorophenol	ND		92.1	42.4	F	ug/L		46	57 - 130	28	50
4-Chlorophenyl phenyl ether	ND		92.1	52.2		ug/L		57	57 - 130	18	50
Chrysene	ND		92.1	51.4	F	ug/L		56	59 - 130	23	50
Dibenz(a,h)anthracene	ND		92.1	52.7		ug/L		57	55 - 130	19	50
Dibenzofuran	ND		92.1	51.2	F	ug/L		56	58 - 130	16	50
3,3'-Dichlorobenzidine	ND		92.1	ND	F	ug/L		0	27 - 130	NC	50
2,4-Dichlorophenol	ND		92.1	45.3	F	ug/L		49	54 - 130	23	50
Diethyl phthalate	1.5	J	92.1	62.4	F	ug/L		66	70 - 130	10	50
2,4-Dimethylphenol	ND		92.1	50.3		ug/L		55	40 - 130	20	50

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

Lab Sample ID: 680-84289-1 MSD — **Client Sample ID: TMW-2**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255970 — **Prep Batch: 255216**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dimethyl phthalate	ND		92.1	58.9	F	ug/L		64	69 - 130	12	50
Di-n-butyl phthalate	ND		92.1	62.5		ug/L		68	66 - 130	14	50
4,6-Dinitro-2-methylphenol	ND		92.1	64.2		ug/L		70	45 - 134	11	50
2,4-Dinitrophenol	ND		92.1	72.0		ug/L		78	20 - 165	11	50
2,4-Dinitrotoluene	ND		92.1	55.7	F	ug/L		60	63 - 130	14	50
2,6-Dinitrotoluene	ND		92.1	55.7	F	ug/L		61	65 - 130	13	50
Di-n-octyl phthalate	ND		92.1	55.7	F	ug/L		60	64 - 130	26	50
Fluoranthene	ND		92.1	58.7		ug/L		64	56 - 130	15	50
Fluorene	ND		92.1	56.3		ug/L		61	61 - 130	14	50
Hexachlorobenzene	ND		92.1	46.9	F	ug/L		51	52 - 130	20	50
Hexachlorobutadiene	ND		92.1	34.8		ug/L		38	36 - 130	30	50
Hexachlorocyclopentadiene	ND		92.1	18.9	F	ug/L		20	10 - 130	52	50
Hexachloroethane	ND		92.1	33.2	F	ug/L		36	39 - 130	25	50
Indeno[1,2,3-cd]pyrene	ND		92.1	46.2		ug/L		50	47 - 130	29	50
Isophorone	ND		92.1	45.1	F	ug/L		49	59 - 130	25	50
2-Methylnaphthalene	ND		92.1	42.7	F	ug/L		46	52 - 130	28	50
2-Methylphenol	ND		92.1	42.6	F	ug/L		46	55 - 130	30	50
3 & 4 Methylphenol	ND		92.1	45.5		ug/L		49	35 - 130	27	50
Naphthalene	ND		92.1	41.8	F	ug/L		45	50 - 130	28	50
2-Nitroaniline	ND		92.1	56.4		ug/L		61	60 - 130	9	50
3-Nitroaniline	ND		92.1	6.89	J F	ug/L		7	54 - 130	126	50
4-Nitroaniline	ND		92.1	25.7	J F	ug/L		28	54 - 130	72	50
Nitrobenzene	ND		92.1	42.4	F	ug/L		46	56 - 130	30	50
2-Nitrophenol	ND		92.1	42.4	F	ug/L		46	54 - 130	27	50
4-Nitrophenol	ND		92.1	51.4		ug/L		56	38 - 130	18	50
N-Nitrosodi-n-propylamine	ND		92.1	46.8	F	ug/L		51	64 - 130	27	50
N-Nitrosodiphenylamine	ND		92.1	42.4	F	ug/L		46	68 - 130	41	50
Pentachlorophenol	ND		92.1	66.3		ug/L		72	42 - 138	12	50
Phenanthrene	ND		92.1	61.1		ug/L		66	62 - 130	8	50
Phenol	ND		92.1	37.7		ug/L		41	29 - 130	30	50
Pyrene	ND		92.1	57.2		ug/L		62	60 - 130	17	50
2,4,5-Trichlorophenol	ND		92.1	54.0	F	ug/L		59	61 - 130	9	50
2,4,6-Trichlorophenol	ND		92.1	49.8	F	ug/L		54	57 - 130	20	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*47*		*38 - 130*
2-Fluorophenol	*41*		*25 - 130*
Nitrobenzene-d5	*44*		*39 - 130*
Phenol-d5	*41*		*25 - 130*
Terphenyl-d14	*36*		*10 - 143*
2,4,6-Tribromophenol	*60*		*31 - 141*

Lab Sample ID: 680-84289-2 MS — **Client Sample ID: TMW-3**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 256341 — **Prep Batch: 255216**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4,5-Tetrachlorobenzene	ND		97.7	54.1		ug/L		55	51 - 130

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

Lab Sample ID: 680-84289-2 MS — **Client Sample ID: TMW-3**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 256341 — **Prep Batch: 255216**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,3,4,6-Tetrachlorophenol	ND		97.7	78.6		ug/L		80	64 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*62*		*38 - 130*
2-Fluorophenol	*57*		*25 - 130*
Nitrobenzene-d5	*62*		*39 - 130*
Phenol-d5	*57*		*25 - 130*
Terphenyl-d14	*47*		*10 - 143*
2,4,6-Tribromophenol	*71*		*31 - 141*

Lab Sample ID: 680-84289-2 MSD — **Client Sample ID: TMW-3**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 256341 — **Prep Batch: 255216**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4,5-Tetrachlorobenzene	ND		91.8	39.7	F	ug/L		43	51 - 130	31	50
2,3,4,6-Tetrachlorophenol	ND		91.8	59.9		ug/L		65	64 - 130	27	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*49*		*38 - 130*
2-Fluorophenol	*45*		*25 - 130*
Nitrobenzene-d5	*48*		*39 - 130*
Phenol-d5	*44*		*25 - 130*
Terphenyl-d14	*49*		*10 - 143*
2,4,6-Tribromophenol	*62*		*31 - 141*

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 680-254977/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255343 — **Prep Batch: 254977**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0	0.99	ug/L		11/01/12 13:35	11/03/12 23:12	1
Beryllium	ND		0.20	0.070	ug/L		11/01/12 13:35	11/03/12 23:12	1

Lab Sample ID: MB 680-254977/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255416 — **Prep Batch: 254977**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.0	0.40	ug/L		11/01/12 13:35	11/06/12 08:01	1
Cadmium	ND		0.50	0.20	ug/L		11/01/12 13:35	11/06/12 08:01	1
Chromium	ND		1.0	0.16	ug/L		11/01/12 13:35	11/06/12 08:01	1
Copper	ND		1.0	0.21	ug/L		11/01/12 13:35	11/06/12 08:01	1
Iron	ND		50	20	ug/L		11/01/12 13:35	11/06/12 08:01	1
Lead	ND		0.30	0.080	ug/L		11/01/12 13:35	11/06/12 08:01	1
Manganese	ND		2.0	0.84	ug/L		11/01/12 13:35	11/06/12 08:01	1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-254977/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255416 — **Prep Batch: 254977**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	ND		1.0	0.40	ug/L		11/01/12 13:35	11/06/12 08:01	1
Selenium	ND		0.50	0.21	ug/L		11/01/12 13:35	11/06/12 08:01	1
Silver	ND		0.20	0.10	ug/L		11/01/12 13:35	11/06/12 08:01	1
Thallium	ND		0.20	0.10	ug/L		11/01/12 13:35	11/06/12 08:01	1
Zinc	ND		10	2.6	ug/L		11/01/12 13:35	11/06/12 08:01	1

Lab Sample ID: LCS 680-254977/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255343 — **Prep Batch: 254977**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	10.0	10.3		ug/L		103	75 - 125
Beryllium	10.0	11.3		ug/L		113	75 - 125

Lab Sample ID: LCS 680-254977/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255416 — **Prep Batch: 254977**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	20.0	20.1		ug/L		100	75 - 125
Cadmium	10.0	9.92		ug/L		99	75 - 125
Chromium	20.0	17.9		ug/L		89	75 - 125
Copper	20.0	18.3		ug/L		92	75 - 125
Iron	1000	851		ug/L		85	75 - 125
Lead	10.0	10.2		ug/L		102	75 - 125
Manganese	100	88.9		ug/L		89	75 - 125
Nickel	20.0	18.1		ug/L		91	75 - 125
Selenium	20.0	19.9		ug/L		99	75 - 125
Silver	10.0	9.66		ug/L		97	75 - 125
Thallium	8.00	7.69		ug/L		96	75 - 125
Zinc	20.0	23.5		ug/L		117	75 - 125

Lab Sample ID: 680-84289-1 MS — **Client Sample ID: TMW-2**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255343 — **Prep Batch: 254977**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		10.0	9.00		ug/L		90	75 - 125
Beryllium	ND		10.0	10.9		ug/L		109	75 - 125

Lab Sample ID: 680-84289-1 MS — **Client Sample ID: TMW-2**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255416 — **Prep Batch: 254977**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		20.0	20.9		ug/L		104	75 - 125
Cadmium	ND		10.0	10.1		ug/L		101	75 - 125
Chromium	3.6		20.0	21.1		ug/L		87	75 - 125
Copper	2.8		20.0	18.9		ug/L		80	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-84289-1 MS — **Client Sample ID: TMW-2**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255416 — **Prep Batch: 254977**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	28000		1000	29100	4	ug/L		76	75 - 125
Lead	ND		10.0	10.3		ug/L		103	75 - 125
Manganese	180		100	270		ug/L		86	75 - 125
Nickel	17		20.0	35.3		ug/L		89	75 - 125
Selenium	ND		20.0	19.3		ug/L		97	75 - 125
Silver	ND		10.0	9.72		ug/L		97	75 - 125
Thallium	ND		8.00	7.92		ug/L		99	75 - 125
Zinc	7.0	J	20.0	25.0		ug/L		90	75 - 125

Lab Sample ID: 680-84289-1 MSD — **Client Sample ID: TMW-2**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255343 — **Prep Batch: 254977**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND		10.0	8.91		ug/L		89	75 - 125	1	20
Beryllium	ND		10.0	10.8		ug/L		108	75 - 125	1	20

Lab Sample ID: 680-84289-1 MSD — **Client Sample ID: TMW-2**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255416 — **Prep Batch: 254977**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		20.0	20.9		ug/L		104	75 - 125	0	20
Cadmium	ND		10.0	9.94		ug/L		99	75 - 125	1	20
Chromium	3.6		20.0	21.2		ug/L		88	75 - 125	1	20
Copper	2.8		20.0	18.6		ug/L		79	75 - 125	2	20
Iron	28000		1000	29700	4	ug/L		134	75 - 125	2	20
Lead	ND		10.0	9.98		ug/L		100	75 - 125	3	20
Manganese	180		100	272		ug/L		89	75 - 125	1	20
Nickel	17		20.0	35.5		ug/L		91	75 - 125	1	20
Selenium	ND		20.0	19.4		ug/L		97	75 - 125	0	20
Silver	ND		10.0	9.44		ug/L		94	75 - 125	3	20
Thallium	ND		8.00	7.83		ug/L		98	75 - 125	1	20
Zinc	7.0	J	20.0	25.2		ug/L		91	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-254991/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255504 — **Prep Batch: 254991**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.091	ug/L		11/01/12 14:38	11/06/12 17:21	1

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

Lab Sample ID: LCS 680-254991/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255504 — **Prep Batch: 254991**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			2.50	2.26		ug/L		90	80 - 120		

Lab Sample ID: 680-84289-11 MS — **Client Sample ID: Equip Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255504 — **Prep Batch: 254991**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	ND		1.00	0.854		ug/L		85	80 - 120		

Lab Sample ID: 680-84289-11 MSD — **Client Sample ID: Equip Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255504 — **Prep Batch: 254991**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		1.00	0.860		ug/L		86	80 - 120	1	20

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 680-255125/7 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255125

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		50	26	ug/L			11/02/12 18:51	1

Lab Sample ID: LCS 680-255125/6 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255125

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ammonia			1000	969		ug/L		97	90 - 110		

Lab Sample ID: 680-84289-1 MS — **Client Sample ID: TMW-2**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255125

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ammonia	59		1000	540	F	ug/L		48	90 - 110		

Lab Sample ID: 680-84289-1 MSD — **Client Sample ID: TMW-2**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255125

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia	59		1000	559	F	ug/L		50	90 - 110	4	30

Method: 9056 - Anions, Ion Chromatography

Lab Sample ID: MB 680-255288/2 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255288

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		250	75	ug/L			11/01/12 11:07	5

Lab Sample ID: LCS 680-255288/3 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255288

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	4990	4870		ug/L		97	90 - 110

Lab Sample ID: LCSD 680-255288/4 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255288

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	4990	4870		ug/L		98	90 - 110	0	30

Lab Sample ID: 680-84289-4 MS — **Client Sample ID: TMW-4**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255288

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	3000		4990	8190		ug/L		104	90 - 110

Lab Sample ID: 680-84289-4 MSD — **Client Sample ID: TMW-4**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 255288

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	3000		4990	8280		ug/L		106	90 - 110	1	30

Lab Sample ID: MB 680-256033/2 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 256033

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5000	2600	ug/L			11/11/12 10:15	5

Lab Sample ID: LCS 680-256033/3 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 256033

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	50000	53600		ug/L		107	90 - 110

Lab Sample ID: LCSD 680-256033/4 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 256033

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	50000	53600		ug/L		107	90 - 110	0	30

QC Sample Results

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Lab Sample ID: 680-84289-3 MS
Matrix: Water
Analysis Batch: 256033

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Sulfate	31000		50000	82100		ug/L		103	90 - 110		

Lab Sample ID: 680-84289-3 MSD
Matrix: Water
Analysis Batch: 256033

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	31000		50000	82100		ug/L		103	90 - 110	0	30

QC Association Summary

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

GC/MS VOA

Analysis Batch: 255859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84289-1	TMW-2	Total/NA	Water	8260B	
680-84289-2	TMW-3	Total/NA	Water	8260B	
680-84289-3	TMW-1	Total/NA	Water	8260B	
680-84289-4	TMW-4	Total/NA	Water	8260B	
680-84289-5	TMW-5	Total/NA	Water	8260B	
680-84289-6	TMW-7	Total/NA	Water	8260B	
680-84289-7	TMW-6	Total/NA	Water	8260B	
680-84289-8	TMW-8	Total/NA	Water	8260B	
680-84289-9	TMW-Dup	Total/NA	Water	8260B	
LCS 680-255859/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-255859/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 680-255859/8	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 255950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84289-10	Trip Blank	Total/NA	Water	8260B	
680-84289-11	Equip Blank	Total/NA	Water	8260B	
LCS 680-255950/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-255950/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 680-255950/7	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 255216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84289-1	TMW-2	Total/NA	Water	3520C	
680-84289-1 MS	TMW-2	Total/NA	Water	3520C	
680-84289-1 MSD	TMW-2	Total/NA	Water	3520C	
680-84289-2	TMW-3	Total/NA	Water	3520C	
680-84289-2 MS	TMW-3	Total/NA	Water	3520C	
680-84289-2 MSD	TMW-3	Total/NA	Water	3520C	
680-84289-3	TMW-1	Total/NA	Water	3520C	
680-84289-4	TMW-4	Total/NA	Water	3520C	
680-84289-5	TMW-5	Total/NA	Water	3520C	
680-84289-6	TMW-7	Total/NA	Water	3520C	
680-84289-7	TMW-6	Total/NA	Water	3520C	
680-84289-8	TMW-8	Total/NA	Water	3520C	
680-84289-9	TMW-Dup	Total/NA	Water	3520C	
680-84289-11	Equip Blank	Total/NA	Water	3520C	
LCS 680-255216/21-A	Lab Control Sample	Total/NA	Water	3520C	
LCS 680-255216/24-A	Lab Control Sample	Total/NA	Water	3520C	
MB 680-255216/20-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 255970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84289-1 MS	TMW-2	Total/NA	Water	8270D	255216
680-84289-1 MSD	TMW-2	Total/NA	Water	8270D	255216
LCS 680-255216/21-A	Lab Control Sample	Total/NA	Water	8270D	255216
LCS 680-255216/24-A	Lab Control Sample	Total/NA	Water	8270D	255216
MB 680-255216/20-A	Method Blank	Total/NA	Water	8270D	255216

GC/MS Semi VOA (Continued)

Analysis Batch: 256326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84289-1	TMW-2	Total/NA	Water	8270D	255216
680-84289-2	TMW-3	Total/NA	Water	8270D	255216
680-84289-3	TMW-1	Total/NA	Water	8270D	255216
680-84289-4	TMW-4	Total/NA	Water	8270D	255216

Analysis Batch: 256341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84289-2 MS	TMW-3	Total/NA	Water	8270D	255216
680-84289-2 MSD	TMW-3	Total/NA	Water	8270D	255216
680-84289-5	TMW-5	Total/NA	Water	8270D	255216
680-84289-6	TMW-7	Total/NA	Water	8270D	255216
680-84289-7	TMW-6	Total/NA	Water	8270D	255216
680-84289-8	TMW-8	Total/NA	Water	8270D	255216
680-84289-9	TMW-Dup	Total/NA	Water	8270D	255216
680-84289-11	Equip Blank	Total/NA	Water	8270D	255216

Metals

Prep Batch: 254977

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84289-1	TMW-2	Total/NA	Water	3030C	
680-84289-1 MS	TMW-2	Total/NA	Water	3030C	
680-84289-1 MSD	TMW-2	Total/NA	Water	3030C	
680-84289-2	TMW-3	Total/NA	Water	3030C	
680-84289-3	TMW-1	Total/NA	Water	3030C	
680-84289-4	TMW-4	Total/NA	Water	3030C	
680-84289-5	TMW-5	Total/NA	Water	3030C	
680-84289-6	TMW-7	Total/NA	Water	3030C	
680-84289-7	TMW-6	Total/NA	Water	3030C	
680-84289-8	TMW-8	Total/NA	Water	3030C	
680-84289-9	TMW-Dup	Total/NA	Water	3030C	
680-84289-11	Equip Blank	Total/NA	Water	3030C	
LCS 680-254977/2-A	Lab Control Sample	Total/NA	Water	3030C	
MB 680-254977/1-A	Method Blank	Total/NA	Water	3030C	

Prep Batch: 254991

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84289-1	TMW-2	Total/NA	Water	7470A	
680-84289-2	TMW-3	Total/NA	Water	7470A	
680-84289-3	TMW-1	Total/NA	Water	7470A	
680-84289-4	TMW-4	Total/NA	Water	7470A	
680-84289-5	TMW-5	Total/NA	Water	7470A	
680-84289-6	TMW-7	Total/NA	Water	7470A	
680-84289-7	TMW-6	Total/NA	Water	7470A	
680-84289-8	TMW-8	Total/NA	Water	7470A	
680-84289-9	TMW-Dup	Total/NA	Water	7470A	
680-84289-11	Equip Blank	Total/NA	Water	7470A	
680-84289-11 MS	Equip Blank	Total/NA	Water	7470A	
680-84289-11 MSD	Equip Blank	Total/NA	Water	7470A	
LCS 680-254991/2-A	Lab Control Sample	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 254991 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-254991/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 255343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84289-1	TMW-2	Total/NA	Water	6020A	254977
680-84289-1 MS	TMW-2	Total/NA	Water	6020A	254977
680-84289-1 MSD	TMW-2	Total/NA	Water	6020A	254977
680-84289-2	TMW-3	Total/NA	Water	6020A	254977
680-84289-3	TMW-1	Total/NA	Water	6020A	254977
680-84289-4	TMW-4	Total/NA	Water	6020A	254977
680-84289-5	TMW-5	Total/NA	Water	6020A	254977
680-84289-6	TMW-7	Total/NA	Water	6020A	254977
680-84289-7	TMW-6	Total/NA	Water	6020A	254977
680-84289-8	TMW-8	Total/NA	Water	6020A	254977
680-84289-9	TMW-Dup	Total/NA	Water	6020A	254977
680-84289-11	Equip Blank	Total/NA	Water	6020A	254977
LCS 680-254977/2-A	Lab Control Sample	Total/NA	Water	6020A	254977
MB 680-254977/1-A	Method Blank	Total/NA	Water	6020A	254977

Analysis Batch: 255416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84289-1	TMW-2	Total/NA	Water	6020A	254977
680-84289-1 MS	TMW-2	Total/NA	Water	6020A	254977
680-84289-1 MSD	TMW-2	Total/NA	Water	6020A	254977
680-84289-2	TMW-3	Total/NA	Water	6020A	254977
680-84289-3	TMW-1	Total/NA	Water	6020A	254977
680-84289-4	TMW-4	Total/NA	Water	6020A	254977
680-84289-5	TMW-5	Total/NA	Water	6020A	254977
680-84289-6	TMW-7	Total/NA	Water	6020A	254977
680-84289-7	TMW-6	Total/NA	Water	6020A	254977
680-84289-8	TMW-8	Total/NA	Water	6020A	254977
680-84289-9	TMW-Dup	Total/NA	Water	6020A	254977
680-84289-11	Equip Blank	Total/NA	Water	6020A	254977
LCS 680-254977/2-A	Lab Control Sample	Total/NA	Water	6020A	254977
MB 680-254977/1-A	Method Blank	Total/NA	Water	6020A	254977

Analysis Batch: 255504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84289-1	TMW-2	Total/NA	Water	7470A	254991
680-84289-2	TMW-3	Total/NA	Water	7470A	254991
680-84289-3	TMW-1	Total/NA	Water	7470A	254991
680-84289-4	TMW-4	Total/NA	Water	7470A	254991
680-84289-5	TMW-5	Total/NA	Water	7470A	254991
680-84289-6	TMW-7	Total/NA	Water	7470A	254991
680-84289-7	TMW-6	Total/NA	Water	7470A	254991
680-84289-8	TMW-8	Total/NA	Water	7470A	254991
680-84289-9	TMW-Dup	Total/NA	Water	7470A	254991
680-84289-11	Equip Blank	Total/NA	Water	7470A	254991
680-84289-11 MS	Equip Blank	Total/NA	Water	7470A	254991
680-84289-11 MSD	Equip Blank	Total/NA	Water	7470A	254991
LCS 680-254991/2-A	Lab Control Sample	Total/NA	Water	7470A	254991

Metals (Continued)

Analysis Batch: 255504 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-254991/1-A	Method Blank	Total/NA	Water	7470A	254991

General Chemistry

Analysis Batch: 255125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84289-1	TMW-2	Total/NA	Water	350.1	
680-84289-1 MS	TMW-2	Total/NA	Water	350.1	
680-84289-1 MSD	TMW-2	Total/NA	Water	350.1	
680-84289-2	TMW-3	Total/NA	Water	350.1	
680-84289-3	TMW-1	Total/NA	Water	350.1	
680-84289-4	TMW-4	Total/NA	Water	350.1	
680-84289-5	TMW-5	Total/NA	Water	350.1	
680-84289-6	TMW-7	Total/NA	Water	350.1	
680-84289-7	TMW-6	Total/NA	Water	350.1	
680-84289-8	TMW-8	Total/NA	Water	350.1	
680-84289-9	TMW-Dup	Total/NA	Water	350.1	
680-84289-11	Equip Blank	Total/NA	Water	350.1	
LCS 680-255125/6	Lab Control Sample	Total/NA	Water	350.1	
MB 680-255125/7	Method Blank	Total/NA	Water	350.1	

Analysis Batch: 255288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84289-1	TMW-2	Total/NA	Water	9056	
680-84289-2	TMW-3	Total/NA	Water	9056	
680-84289-3	TMW-1	Total/NA	Water	9056	
680-84289-4	TMW-4	Total/NA	Water	9056	
680-84289-4 MS	TMW-4	Total/NA	Water	9056	
680-84289-4 MSD	TMW-4	Total/NA	Water	9056	
680-84289-5	TMW-5	Total/NA	Water	9056	
680-84289-6	TMW-7	Total/NA	Water	9056	
680-84289-7	TMW-6	Total/NA	Water	9056	
680-84289-8	TMW-8	Total/NA	Water	9056	
680-84289-9	TMW-Dup	Total/NA	Water	9056	
680-84289-11	Equip Blank	Total/NA	Water	9056	
LCS 680-255288/3	Lab Control Sample	Total/NA	Water	9056	
LCSD 680-255288/4	Lab Control Sample Dup	Total/NA	Water	9056	
MB 680-255288/2	Method Blank	Total/NA	Water	9056	

Analysis Batch: 256033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84289-1	TMW-2	Total/NA	Water	9056	
680-84289-2	TMW-3	Total/NA	Water	9056	
680-84289-3	TMW-1	Total/NA	Water	9056	
680-84289-3 MS	TMW-1	Total/NA	Water	9056	
680-84289-3 MSD	TMW-1	Total/NA	Water	9056	
680-84289-4	TMW-4	Total/NA	Water	9056	
680-84289-5	TMW-5	Total/NA	Water	9056	
680-84289-6	TMW-7	Total/NA	Water	9056	
680-84289-7	TMW-6	Total/NA	Water	9056	

General Chemistry (Continued)

Analysis Batch: 256033 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-84289-8	TMW-8	Total/NA	Water	9056	
680-84289-9	TMW-Dup	Total/NA	Water	9056	
680-84289-11	Equip Blank	Total/NA	Water	9056	
LCS 680-256033/3	Lab Control Sample	Total/NA	Water	9056	
LCSD 680-256033/4	Lab Control Sample Dup	Total/NA	Water	9056	
MB 680-256033/2	Method Blank	Total/NA	Water	9056	

Lab Chronicle

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Client Sample ID: TMW-2

Lab Sample ID: 680-84289-1

Date Collected: 10/30/12 10:30
Matrix: Water
Date Received: 11/01/12 09:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	255859	11/09/12 17:00	JD	TAL SAV
Total/NA	Prep	3520C			255216	11/05/12 15:42	RBS	TAL SAV
Total/NA	Analysis	8270D		1	256326	11/11/12 13:20	BB	TAL SAV
Total/NA	Prep	3030C			254977	11/01/12 13:35	VHB	TAL SAV
Total/NA	Analysis	6020A		1	255343	11/03/12 23:26	RAM	TAL SAV
Total/NA	Analysis	6020A		1	255416	11/06/12 08:13	CE	TAL SAV
Total/NA	Prep	7470A			254991	11/01/12 14:38	UU	TAL SAV
Total/NA	Analysis	7470A		1	255504	11/06/12 17:28	UU	TAL SAV
Total/NA	Analysis	350.1		1	255125	11/02/12 19:19	RW	TAL SAV
Total/NA	Analysis	9056		5	255288	11/01/12 15:05	PAT	TAL SAV
Total/NA	Analysis	9056		5	256033	11/11/12 11:54	PAT	TAL SAV

Client Sample ID: TMW-3

Lab Sample ID: 680-84289-2

Date Collected: 10/30/12 11:20
Matrix: Water
Date Received: 11/01/12 09:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	255859	11/09/12 17:21	JD	TAL SAV
Total/NA	Prep	3520C			255216	11/05/12 15:42	RBS	TAL SAV
Total/NA	Analysis	8270D		1	256326	11/11/12 13:47	BB	TAL SAV
Total/NA	Prep	3030C			254977	11/01/12 13:35	VHB	TAL SAV
Total/NA	Analysis	6020A		1	255343	11/03/12 23:59	RAM	TAL SAV
Total/NA	Analysis	6020A		1	255416	11/06/12 08:44	CE	TAL SAV
Total/NA	Prep	7470A			254991	11/01/12 14:38	UU	TAL SAV
Total/NA	Analysis	7470A		1	255504	11/06/12 17:31	UU	TAL SAV
Total/NA	Analysis	350.1		1	255125	11/02/12 18:51	RW	TAL SAV
Total/NA	Analysis	9056		5	255288	11/01/12 15:20	PAT	TAL SAV
Total/NA	Analysis	9056		5	256033	11/11/12 12:07	PAT	TAL SAV

Client Sample ID: TMW-1

Lab Sample ID: 680-84289-3

Date Collected: 10/30/12 14:40
Matrix: Water
Date Received: 11/01/12 09:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	255859	11/09/12 17:42	JD	TAL SAV
Total/NA	Prep	3520C			255216	11/05/12 15:42	RBS	TAL SAV
Total/NA	Analysis	8270D		1	256326	11/11/12 14:14	BB	TAL SAV
Total/NA	Prep	3030C			254977	11/01/12 13:35	VHB	TAL SAV
Total/NA	Analysis	6020A		1	255343	11/04/12 00:06	RAM	TAL SAV
Total/NA	Analysis	6020A		1	255416	11/06/12 08:50	CE	TAL SAV
Total/NA	Prep	7470A			254991	11/01/12 14:38	UU	TAL SAV
Total/NA	Analysis	7470A		1	255504	11/06/12 17:34	UU	TAL SAV

Lab Chronicle

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Client Sample ID: TMW-1

Lab Sample ID: 680-84289-3

Date Collected: 10/30/12 14:40
Matrix: Water
Date Received: 11/01/12 09:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	350.1		1	255125	11/02/12 18:51	RW	TAL SAV
Total/NA	Analysis	9056		5	255288	11/01/12 12:46	PAT	TAL SAV
Total/NA	Analysis	9056		5	256033	11/11/12 12:19	PAT	TAL SAV

Client Sample ID: TMW-4

Lab Sample ID: 680-84289-4

Date Collected: 10/30/12 12:35
Matrix: Water
Date Received: 11/01/12 09:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	255859	11/09/12 18:04	JD	TAL SAV
Total/NA	Prep	3520C			255216	11/05/12 15:42	RBS	TAL SAV
Total/NA	Analysis	8270D		1	256326	11/11/12 14:42	BB	TAL SAV
Total/NA	Prep	3030C			254977	11/01/12 13:35	VHB	TAL SAV
Total/NA	Analysis	6020A		1	255343	11/04/12 00:13	RAM	TAL SAV
Total/NA	Analysis	6020A		1	255416	11/06/12 08:56	CE	TAL SAV
Total/NA	Prep	7470A			254991	11/01/12 14:38	UU	TAL SAV
Total/NA	Analysis	7470A		1	255504	11/06/12 17:37	UU	TAL SAV
Total/NA	Analysis	350.1		1	255125	11/02/12 18:51	RW	TAL SAV
Total/NA	Analysis	9056		5	255288	11/01/12 12:00	PAT	TAL SAV
Total/NA	Analysis	9056		5	256033	11/11/12 13:21	PAT	TAL SAV

Client Sample ID: TMW-5

Lab Sample ID: 680-84289-5

Date Collected: 10/30/12 16:45
Matrix: Water
Date Received: 11/01/12 09:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	255859	11/09/12 18:25	JD	TAL SAV
Total/NA	Prep	3520C			255216	11/05/12 15:42	RBS	TAL SAV
Total/NA	Analysis	8270D		1	256341	11/13/12 16:05	BB	TAL SAV
Total/NA	Prep	3030C			254977	11/01/12 13:35	VHB	TAL SAV
Total/NA	Analysis	6020A		1	255343	11/04/12 00:33	RAM	TAL SAV
Total/NA	Analysis	6020A		1	255416	11/06/12 09:14	CE	TAL SAV
Total/NA	Prep	7470A			254991	11/01/12 14:38	UU	TAL SAV
Total/NA	Analysis	7470A		1	255504	11/06/12 17:46	UU	TAL SAV
Total/NA	Analysis	350.1		10	255125	11/02/12 20:00	RW	TAL SAV
Total/NA	Analysis	9056		5	255288	11/01/12 13:33	PAT	TAL SAV
Total/NA	Analysis	9056		5	256033	11/11/12 13:34	PAT	TAL SAV

Lab Chronicle

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Client Sample ID: TMW-7

Lab Sample ID: 680-84289-6

Date Collected: 10/30/12 16:05
Matrix: Water
Date Received: 11/01/12 09:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	255859	11/09/12 18:46	JD	TAL SAV
Total/NA	Prep	3520C			255216	11/05/12 15:42	RBS	TAL SAV
Total/NA	Analysis	8270D		1	256341	11/13/12 16:32	BB	TAL SAV
Total/NA	Prep	3030C			254977	11/01/12 13:35	VHB	TAL SAV
Total/NA	Analysis	6020A		1	255343	11/04/12 00:39	RAM	TAL SAV
Total/NA	Analysis	6020A		1	255416	11/06/12 09:20	CE	TAL SAV
Total/NA	Prep	7470A			254991	11/01/12 14:38	UU	TAL SAV
Total/NA	Analysis	7470A		1	255504	11/06/12 17:49	UU	TAL SAV
Total/NA	Analysis	350.1		1	255125	11/02/12 18:58	RW	TAL SAV
Total/NA	Analysis	9056		5	255288	11/01/12 13:17	PAT	TAL SAV
Total/NA	Analysis	9056		5	256033	11/11/12 13:46	PAT	TAL SAV

Client Sample ID: TMW-6

Lab Sample ID: 680-84289-7

Date Collected: 10/30/12 17:25
Matrix: Water
Date Received: 11/01/12 09:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	255859	11/09/12 19:08	JD	TAL SAV
Total/NA	Prep	3520C			255216	11/05/12 15:42	RBS	TAL SAV
Total/NA	Analysis	8270D		1	256341	11/13/12 16:59	BB	TAL SAV
Total/NA	Prep	3030C			254977	11/01/12 13:35	VHB	TAL SAV
Total/NA	Analysis	6020A		1	255343	11/04/12 00:46	RAM	TAL SAV
Total/NA	Analysis	6020A		1	255416	11/06/12 09:26	CE	TAL SAV
Total/NA	Prep	7470A			254991	11/01/12 14:38	UU	TAL SAV
Total/NA	Analysis	7470A		1	255504	11/06/12 17:52	UU	TAL SAV
Total/NA	Analysis	350.1		5	255125	11/02/12 19:38	RW	TAL SAV
Total/NA	Analysis	9056		5	255288	11/01/12 13:48	PAT	TAL SAV
Total/NA	Analysis	9056		5	256033	11/11/12 13:58	PAT	TAL SAV

Client Sample ID: TMW-8

Lab Sample ID: 680-84289-8

Date Collected: 10/30/12 15:25
Matrix: Water
Date Received: 11/01/12 09:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	255859	11/09/12 19:29	JD	TAL SAV
Total/NA	Prep	3520C			255216	11/05/12 15:42	RBS	TAL SAV
Total/NA	Analysis	8270D		1	256341	11/13/12 17:27	BB	TAL SAV
Total/NA	Prep	3030C			254977	11/01/12 13:35	VHB	TAL SAV
Total/NA	Analysis	6020A		1	255343	11/04/12 00:53	RAM	TAL SAV
Total/NA	Analysis	6020A		1	255416	11/06/12 09:32	CE	TAL SAV
Total/NA	Prep	7470A			254991	11/01/12 14:38	UU	TAL SAV
Total/NA	Analysis	7470A		1	255504	11/06/12 17:56	UU	TAL SAV

Lab Chronicle

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Client Sample ID: TMW-8

Lab Sample ID: 680-84289-8
Date Collected: 10/30/12 15:25
Matrix: Water
Date Received: 11/01/12 09:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	350.1		10	255125	11/02/12 20:00	RW	TAL SAV
Total/NA	Analysis	9056		5	255288	11/01/12 13:02	PAT	TAL SAV
Total/NA	Analysis	9056		5	256033	11/11/12 14:11	PAT	TAL SAV

Client Sample ID: TMW-Dup

Lab Sample ID: 680-84289-9
Date Collected: 10/30/12 00:00
Matrix: Water
Date Received: 11/01/12 09:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	255859	11/09/12 19:50	JD	TAL SAV
Total/NA	Prep	3520C			255216	11/05/12 15:42	RBS	TAL SAV
Total/NA	Analysis	8270D		1	256341	11/13/12 17:54	BB	TAL SAV
Total/NA	Prep	3030C			254977	11/01/12 13:35	VHB	TAL SAV
Total/NA	Analysis	6020A		1	255343	11/04/12 01:00	RAM	TAL SAV
Total/NA	Analysis	6020A		1	255416	11/06/12 09:38	CE	TAL SAV
Total/NA	Prep	7470A			254991	11/01/12 14:38	UU	TAL SAV
Total/NA	Analysis	7470A		1	255504	11/06/12 17:59	UU	TAL SAV
Total/NA	Analysis	350.1		10	255125	11/02/12 20:00	RW	TAL SAV
Total/NA	Analysis	9056		5	255288	11/01/12 14:50	PAT	TAL SAV
Total/NA	Analysis	9056		5	256033	11/11/12 14:23	PAT	TAL SAV

Client Sample ID: Trip Blank

Lab Sample ID: 680-84289-10
Date Collected: 10/30/12 00:00
Matrix: Water
Date Received: 11/01/12 09:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	255950	11/10/12 16:41	JD	TAL SAV

Client Sample ID: Equip Blank

Lab Sample ID: 680-84289-11
Date Collected: 10/30/12 18:00
Matrix: Water
Date Received: 11/01/12 09:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	255950	11/10/12 17:38	JD	TAL SAV
Total/NA	Prep	3520C			255216	11/05/12 15:42	RBS	TAL SAV
Total/NA	Analysis	8270D		1	256341	11/13/12 18:21	BB	TAL SAV
Total/NA	Prep	3030C			254977	11/01/12 13:35	VHB	TAL SAV
Total/NA	Analysis	6020A		1	255343	11/04/12 01:06	RAM	TAL SAV
Total/NA	Analysis	6020A		1	255416	11/06/12 09:44	CE	TAL SAV
Total/NA	Prep	7470A			254991	11/01/12 14:38	UU	TAL SAV
Total/NA	Analysis	7470A		1	255504	11/06/12 18:02	UU	TAL SAV
Total/NA	Analysis	350.1		1	255125	11/02/12 18:41	RW	TAL SAV

Lab Chronicle

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Client Sample ID: Equip Blank

Lab Sample ID: 680-84289-11

Date Collected: 10/30/12 18:00

Matrix: Water

Date Received: 11/01/12 09:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056		5	255288	11/01/12 14:03	PAT	TAL SAV
Total/NA	Analysis	9056		5	256033	11/11/12 14:36	PAT	TAL SAV

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Serial Number 60811

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE: FLEMINGTON LANDFILL	PROJECT NO.: 1054-11-1007	PROJECT LOCATION (STATE): NC
TAL (LAB) PROJECT MANAGER: LIDYA GUIZIA	P.O. NUMBER:	CONTRACT NO.:
CLIENT (SITE) PM: Gerald Paul	CLIENT PHONE: 919 872 2660	CLIENT FAX:
CLIENT NAME: STME	CLIENT E-MAIL: J.Paul@SMEINC.com	
CLIENT ADDRESS: 3201 SPRING FOREST Rd RALEIGH NC 27616		
COMPANY CONTRACTING THIS WORK (if applicable): NCDENR		

PAGE 1 OF 1

STANDARD REPORT DELIVERY ◯ DATE DUE:

EXPEDITED REPORT DELIVERY (SURCHARGE) ◯ DATE DUE:

NUMBER OF COOLERS SUBMITTED PER SHIPMENT: 3

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	8260 +TIC	8270 +TICS	metals + mercury	Nitrate Sulfate	Ammonia						REMARKS
								PRESERVATIVE										
								NUMBER OF CONTAINERS SUBMITTED										
10/30/12	1030	TMW-2	G	A				3	2	1	1	1						
	1120	TMW-3																
	1440	TMW-1																
	1235	TMW-4																
	1645	TMW-5																
	1605	TMW-7																
	1725	TMW-6																
	1525	TMW-8																
10/30/12	—	~~Duplicate~~ TMW-DUP																
	—	TRIP BLANK X 3 (1 per cooler)						3										
10/30/12	1800	EQUIP BLANK	G					3	2	1	1	1						

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	10/31/12	1600		10/31/12	18:00			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
	10/31/12	17:00						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
	11/1/12	0929	YES ◯ NO ◯		180-84289	2.4/2.2/0.2

TAL8240-680 (1008)

Login Sample Receipt Checklist

Client: S&ME, Inc.

Job Number: 680-84289-1

Login Number: 84289
List Number: 1
Creator: Conner, Keaton

List Source: TestAmerica Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.4, 2.2, 0.2 C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	received 4 TB vials
Samples are received within Holding Time.	True	Very limited HT remaining on NO3 for TMW-2 and -3.
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	Insufficient volume received for MS/MSD.
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	

Certification Summary

Client: S&ME, Inc.
Project/Site: Flemington Landfill - OCT 2012

TestAmerica Job ID: 680-84289-1

Laboratory: TestAmerica Savannah

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

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	DoD ELAP		0399-01	02-28-13
A2LA	ISO/IEC 17025		399.01	02-28-13
Alabama	State Program	4	41450	06-30-13
Alaska (UST)	State Program	10	UST-104	06-19-13
Arkansas DEQ	State Program	6	88-0692	02-01-13
California	NELAC	9	3217CA	07-31-13
Colorado	State Program	8	N/A	12-31-12
Connecticut	State Program	1	PH-0161	03-31-13
Florida	NELAC	4	E87052	06-30-13
GA Dept. of Agriculture	State Program	4	N/A	12-31-12
Georgia	State Program	4	N/A	06-30-13
Georgia	State Program	4	803	06-30-13
Guam	State Program	9	09-005r	04-17-13
Hawaii	State Program	9	N/A	06-30-13
Illinois	NELAC	5	200022	11-30-12
Indiana	State Program	5	N/A	06-30-13
Iowa	State Program	7	353	07-01-13
Kentucky	State Program	4	90084	12-31-12
Kentucky (UST)	State Program	4	18	02-28-13
Louisiana	NELAC	6	30690	06-30-13
Louisiana	NELAC	6	LA100015	12-31-12
Maine	State Program	1	GA00006	08-16-14
Maryland	State Program	3	250	12-31-12
Massachusetts	State Program	1	M-GA006	06-30-13
Michigan	State Program	5	9925	06-30-13
Mississippi	State Program	4	N/A	06-30-13
Montana	State Program	8	CERT0081	12-31-12
Nebraska	State Program	7	TestAmerica-Savannah	06-30-13
New Jersey	NELAC	2	GA769	06-30-13
New Mexico	State Program	6	N/A	06-30-13
New York	NELAC	2	10842	04-01-13
North Carolina DENR	State Program	4	269	12-31-13
North Carolina DHHS	State Program	4	13701	07-31-13
Oklahoma	State Program	6	9984	08-31-13
Pennsylvania	NELAC	3	68-00474	06-30-13
Puerto Rico	State Program	2	GA00006	01-01-13
Rhode Island	State Program	1	LAO00244	12-30-12
South Carolina	State Program	4	98001	06-30-13
Tennessee	State Program	4	TN02961	06-30-13
Texas	NELAC	6	T104704185-08-TX	11-30-12
USDA	Federal		SAV 3-04	04-07-14
Virginia	NELAC	3	460161	06-14-13
Washington	State Program	10	C1794	06-10-13
West Virginia	State Program	3	9950C	12-31-12
West Virginia DEP	State Program	3	94	06-30-13
Wisconsin	State Program	5	999819810	08-31-13
Wyoming	State Program	8	8TMS-Q	06-30-13

Appendix III

LOG OF BORING NO. BG-6

SITE NAME: **Flemington Landfill**
TASK ORDER: **3056DP-6**
DATE DRILLED: **10/26/12**
DRILLING CONTRACTOR: **S&ME, Inc.**
DRILLER: **G. Paul**
DRILLING METHOD: **Hand Auger**

GROUND SURFACE ELEVATION: **NA**
DATUM: **NA**
LOGGED BY: **G. Paul**

SAMPLE ADVANCE (ft.)	PID (ppm)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
		0				
2	2.6		SP		Tan SAND (SP)	
2	3.8		SP		Light Brown SAND (SP)	
2	1.8	5				
			SP		Tan/Brown SAND (SP) Terminate Boring at 7'	

NOTES: **No indication of contamination. Sample collected from 2.0' - 4.0' interval.**

S&ME

LOG OF BORING NO. BG-7

SITE NAME: **Flemington Landfill**
TASK ORDER: **3056DP-6**
DATE DRILLED: **10/26/12**
DRILLING CONTRACTOR: **S&ME, Inc.**
DRILLER: **G. Paul**
DRILLING METHOD: **Hand Auger**

GROUND SURFACE ELEVATION: **NA**
DATUM: **NA**
LOGGED BY: **G. Paul**

SAMPLE ADVANCE (ft.)	PID (ppm)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
		0				
2	1.6		SP		Gray/Tan/Brown SAND (SP)	
2	0.8		SP		Light Brown SAND (SP)	
2	2.1	5				
					Terminate Boring at 7'	

NOTES: **No indication of contamination. Sample collected from 2.0' - 4.0' interval.**

S&ME

LOG OF BORING NO. BG-8

SITE NAME: **Flemington Landfill**
TASK ORDER: **3056DP-6**
DATE DRILLED: **10/26/12**
DRILLING CONTRACTOR: **S&ME, Inc.**
DRILLER: **G. Paul**
DRILLING METHOD: **Hand Auger**

GROUND SURFACE ELEVATION: **NA**
DATUM: **NA**
LOGGED BY: **G. Paul**

SAMPLE ADVANCE (ft.)	PID (ppm)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
		0				
2	2.4		SP		Light Tan/Light Brown SAND (SP)	
2	3.1		SP		Dark Brown SAND (SP)	
2	2.8	5	SP		Light/Medium Brown SAND (SP)	
					Termiante Boring at 7'	

NOTES: **No indication of contamination. Sample collected from 2.0' - 4.0' interval.**

S&ME

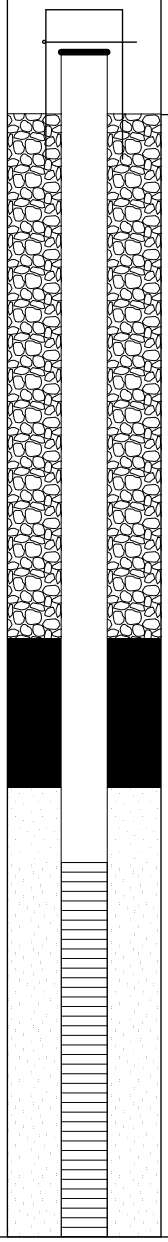
ENV BORING LOG 1054-11-1007 BG 11-2012.GPJ S&ME.GDT 12/6/12

COMPLETION REPORT OF WELL No. VP-10

SITE NAME: **Flemington Landfill**
TASK ORDER: **3056DP-6**
DRILLING CONTRACTOR: **S&ME, Inc.**
DRILLING METHOD: **3-1/4" HSA**
DATE DRILLED: **10/25/12**

TOP OF CASING ELEVATION: **NA**
DATUM: **NA**
LOGGED BY: **C. Elliot**

STRATA DESCRIPTION	SYMBOL	DEPTH (ft.)	WELL DETAILS	DEPTH (ft.)	LEGEND	ELEVATION (ft.)
				0.00	GS	NA
Light Yellowish Brown SAND (SP); poorly graded, moist		0				
Grey SAND (SP); poorly graded, moist						
Yellowish Brown SAND (SP); poorly graded, moist					CB	
		5				
				7.00		
					BS	
				9.00		
		10		10.00	TSC	
					FP	
				15.00	TD	



WELL CONSTRUCTION DETAILS

PROTECTIVE CASING
Diameter: **4" Square**
Type: **Steel Stickup**
Interval: **-3.0' - 1.0'**

RISER CASING
Diameter: **1"**
Type: **Schedule 40 PVC**
Interval: **-3.0' - 10.0'**

GROUT
Type: **NA**
Interval: **NA**

SEAL
Type: **Bentonite**
Interval: **7.0' - 9.0'**

FILTER PACK
Type: **#3 Filter Sand**
Interval: **9.0' - 15.0'**

SCREEN
Diameter: **1"**
Type: **Schedule 40 0.010" Slotted PVC**
Interval: **10.0' - 15.0'**

LEGEND

- FILTER PACK
- BENTONITE
- CEMENT GROUT
- CUTTINGS / BACKFILL
- STATIC WATER LEVEL

TOC	TOP OF CASING
GS	GROUND SURFACE
BS	BENTONITE SEAL
FP	FILTER PACK
TSC	TOP OF SCREEN
BSC	BOTTOM OF SCREEN
TD	TOTAL DEPTH
CB	CUTTINGS/BACKFILL

NOTES: **No waste encountered.**

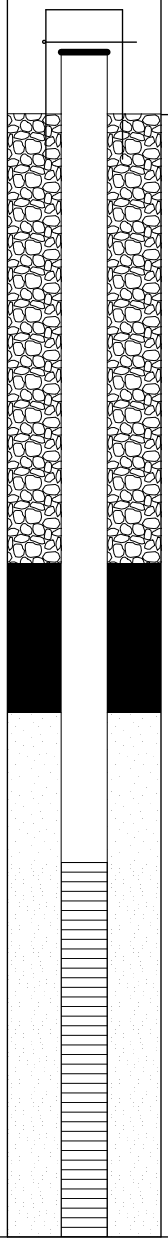
S&ME

MONITORING WELL 1054-11-1007 VP 11-2012.GPJ S&ME.GDT 12/6/12

COMPLETION REPORT OF WELL No. VP-11

SITE NAME:	**Flemington Landfill**	NORTHING:	
TASK ORDER:	**3056DP-6**	EASTING:	
DRILLING CONTRACTOR:	**S&ME, Inc.**	TOP OF CASING ELEVATION:	**NA**
DRILLING METHOD:	**3-1/4" HSA**	DATUM:	**NA**
DATE DRILLED:	**10/25/12**	LOGGED BY:	**C. Elliot**

STRATA DESCRIPTION	SYMBOL	DEPTH (ft.)
Very Dark Brown CLAY (OH)		0
Yellowish Brown SAND (SP); poorly graded, moist		
Yellowish Brown SAND (SP) and waste; poorly graded, moist		
Dark Greenish Gray SAND (SP) and waste; poorly graded, moist		5
		10



DEPTH (ft.)	LEGEND	ELEVATION (ft.)
0.00	GS	NA
	CB	
6.00	BS	
8.00		
10.00	TSC	
	FP	
15.00	TD	

WELL CONSTRUCTION DETAILS

PROTECTIVE CASING
Diameter: **4" Square**
Type: **Steel Stickup**
Interval: **-3.0' - 1.0'**

RISER CASING
Diameter: **1"**
Type: **Schedule 40 PVC**
Interval: **-3.0' - 10.0'**

GROUT
Type: **NA**
Interval: **NA**

SEAL
Type: **Bentonite**
Interval: **6.0' - 8.0'**

FILTER PACK
Type: **#3 Filter Sand**
Interval: **8.0' - 15.0'**

SCREEN
Diameter: **1"**
Type: **Schedule 40 0.010" Slotted PVC**
Interval: **10.0' - 15.0'**

LEGEND

- FILTER PACK
- BENTONITE
- CEMENT GROUT
- CUTTINGS / BACKFILL
- STATIC WATER LEVEL

TOC	TOP OF CASING
GS	GROUND SURFACE
BS	BENTONITE SEAL
FP	FILTER PACK
TSC	TOP OF SCREEN
BSC	BOTTOM OF SCREEN
TD	TOTAL DEPTH
CB	CUTTINGS/BACKFILL

NOTES: **Waste present from approximately 3' - 15'.**

S&ME

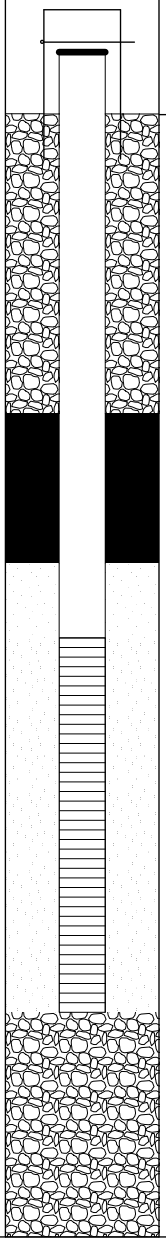
COMPLETION REPORT OF WELL No. VP-11

COMPLETION REPORT OF WELL No. VP-12

SITE NAME: **Flemington Landfill**
TASK ORDER: **3056DP-6**
DRILLING CONTRACTOR: **S&ME, Inc.**
DRILLING METHOD: **3-1/4" HSA**
DATE DRILLED: **10/25/12**

TOP OF CASING ELEVATION: **NA**
DATUM: **NA**
LOGGED BY: **C. Elliot**

STRATA DESCRIPTION	SYMBOL	DEPTH (ft.)	WELL DETAILS	DEPTH (ft.)	LEGEND	ELEVATION (ft.)
				0.00	GS	NA
Dark Yellowish Brown SAND (SP); poorly graded		0			CB	
				4.00		
Dark Yellowish Brown SAND (SP) and waste; poorly graded		5			BS	
				6.00		
Dark Greenish Gray SAND (SP) and waste; poorly graded				7.00	TSC	
					FP	
Dark Greenish Gray SAND (SP); poorly graded		10				
Dark Gray SAND (SP); poorly graded				12.00	BSC	
wet					CB	
				15.00	TD	



WELL CONSTRUCTION DETAILS

PROTECTIVE CASING
Diameter: **4" Square**
Type: **Steel Stickup**
Interval: **-3.0' - 1.0'**

RISER CASING
Diameter: **1"**
Type: **Schedule 40 PVC**
Interval: **-3.0' - 7.0'**

GROUT
Type: **NA**
Interval: **NA**

SEAL
Type: **Bentonite**
Interval: **4.0' - 6.0'**

FILTER PACK
Type: **#3 Filter Sand**
Interval: **6.0' - 12.0'**

SCREEN
Diameter: **1"**
Type: **Schedule 40 0.010" Slotted PVC**
Interval: **7.0' - 12.0'**

LEGEND
- FILTER PACK
- BENTONITE
- CEMENT GROUT
- CUTTINGS / BACKFILL
- STATIC WATER LEVEL

TOC	TOP OF CASING
GS	GROUND SURFACE
BS	BENTONITE SEAL
FP	FILTER PACK
TSC	TOP OF SCREEN
BSC	BOTTOM OF SCREEN
TD	TOTAL DEPTH
CB	CUTTINGS/BACKFILL

NOTES: **Waste present from approximately 4' - 10'.**

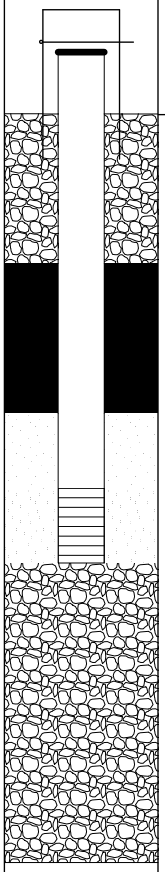
S&ME

MONITORING WELL 1054-11-1007 VP 11-2012.GPJ S&ME.GDT 12/6/12

COMPLETION REPORT OF WELL No. VP-13

SITE NAME: **Flemington Landfill**
TASK ORDER: **3056DP-6**
DRILLING CONTRACTOR: **S&ME, Inc.**
DRILLING METHOD: **3-1/4" HSA**
DATE DRILLED: **10/25/12**

TOP OF CASING ELEVATION: **NA**
DATUM: **NA**
LOGGED BY: **C. Elliot**

STRATA DESCRIPTION	SYMBOL	DEPTH (ft.)	WELL DETAILS	DEPTH (ft.)	LEGEND	ELEVATION (ft.)
				0.00	GS	NA
Very Dark Brown CLAY (OH)		0			CB	
Light Gray SAND (SP); poorly graded, moist				2.00	BS	
Yellowish Brown SAND (SP); poorly graded, moist				4.00		
		5		5.00	TSC FP	
				6.00	BSC	
wet					CB	
		10		10.00	TD	

WELL CONSTRUCTION DETAILS

PROTECTIVE CASING
Diameter: **4" Square**
Type: **Steel Stickup**
Interval: **-3.0' - 1.0'**

RISER CASING
Diameter: **1"**
Type: **Schedule 40 PVC**
Interval: **-3.0' - 4.0'**

GROUT
Type: **NA**
Interval: **NA**

SEAL
Type: **Bentonite**
Interval: **2.0' - 4.0'**

FILTER PACK
Type: **#3 Filter Sand**
Interval: **4.0' - 6.0'**

SCREEN
Diameter: **1"**
Type: **Schedule 40 0.010" Slotted PVC**
Interval: **5.0' - 6.0'**

LEGEND
- FILTER PACK
- BENTONITE
- CEMENT GROUT
- CUTTINGS / BACKFILL
- STATIC WATER LEVEL

TOC	TOP OF CASING
GS	GROUND SURFACE
BS	BENTONITE SEAL
FP	FILTER PACK
TSC	TOP OF SCREEN
BSC	BOTTOM OF SCREEN
TD	TOTAL DEPTH
CB	CUTTINGS/BACKFILL

NOTES: **No waste encountered.**

S&ME

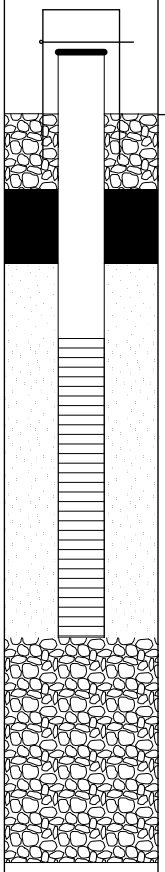
MONITORING WELL 1054-11-1007 VP 11-2012.GPJ S&ME.GDT 12/6/12

COMPLETION REPORT OF WELL No. VP-14

SITE NAME: **Flemington Landfill**
TASK ORDER: **3056DP-6**
DRILLING CONTRACTOR: **S&ME, Inc.**
DRILLING METHOD: **3-1/4" HSA**
DATE DRILLED: **10/24/12**

TOP OF CASING ELEVATION: **NA**
DATUM: **NA**
LOGGED BY: **S. Young**

STRATA DESCRIPTION	SYMBOL	DEPTH (ft.)	WELL DETAILS	DEPTH (ft.)	LEGEND	ELEVATION (ft.)
				0.00	GS	NA
Grass and Topsoil		0			CB	
Dark Brown SAND (SP); medium grained				1.00		
					BS	
				2.00		
				3.00	TSC	
		5			FP	
				7.00	BSC	
					CB	
wet						
		10		10.00	TD	



WELL CONSTRUCTION DETAILS

PROTECTIVE CASING
Diameter: **4" Square**
Type: **Steel Stickup**
Interval: **-3.0' - 1.0'**

RISER CASING
Diameter: **1"**
Type: **Schedule 40 PVC**
Interval: **-3.0' - 3.0'**

GROUT
Type: **NA**
Interval: **NA**

SEAL
Type: **Bentonite**
Interval: **1.0' - 2.0'**

FILTER PACK
Type: **#3 Filter Sand**
Interval: **2.0' - 7.0'**

SCREEN
Diameter: **1"**
Type: **Schedule 40 0.010" Slotted PVC**
Interval: **3.0' - 7.0'**

LEGEND
- FILTER PACK
- BENTONITE
- CEMENT GROUT
- CUTTINGS / BACKFILL
- STATIC WATER LEVEL

TOC	TOP OF CASING
GS	GROUND SURFACE
BS	BENTONITE SEAL
FP	FILTER PACK
TSC	TOP OF SCREEN
BSC	BOTTOM OF SCREEN
TD	TOTAL DEPTH
CB	CUTTINGS/BACKFILL

NOTES: **No waste encountered. Collected sample from 2.5' - 5.0' depth interval.**

S&ME

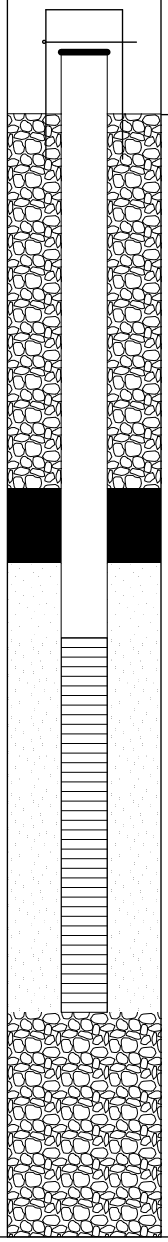
MONITORING WELL 1054-11-1007 VP 11-2012.GPJ S&ME.GDT 12/6/12

COMPLETION REPORT OF WELL No. VP-15

SITE NAME: **Flemington Landfill**
TASK ORDER: **3056DP-6**
DRILLING CONTRACTOR: **S&ME, Inc.**
DRILLING METHOD: **3-1/4" HSA**
DATE DRILLED: **10/24/12**

TOP OF CASING ELEVATION: **NA**
DATUM: **NA**
LOGGED BY: **S. Young**

STRATA DESCRIPTION	SYMBOL	DEPTH (ft.)
Grass and Topsoil		0
Brown medium grained SAND (SP)		
Dark Grayish Brown medium grained SAND (SP) and waste		5
		10
Gray medium grained SAND (SP)		



DEPTH (ft.)	LEGEND	ELEVATION (ft.)
0.00	GS	NA
	CB	
5.00	BS	
6.00		
7.00	TSC	
	FP	
12.00	BSC	
	CB	
15.00	TD	

WELL CONSTRUCTION DETAILS

PROTECTIVE CASING
Diameter: **4" Square**
Type: **Steel Stickup**
Interval: **-3.0' - 1.0'**

RISER CASING
Diameter: **1"**
Type: **Schedule 40 PVC**
Interval: **-3.0' - 7.0'**

GROUT
Type: **NA**
Interval: **NA**

SEAL
Type: **Bentonite**
Interval: **5.0' - 6.0'**

FILTER PACK
Type: **#3 Filter Sand**
Interval: **6.0' - 12.0'**

SCREEN
Diameter: **1"**
Type: **Schedule 40 0.010" Slotted PVC**
Interval: **7.0' - 12.0'**

LEGEND

FILTER PACK
BENTONITE
CEMENT GROUT
CUTTINGS / BACKFILL
STATIC WATER LEVEL

TOC	TOP OF CASING
GS	GROUND SURFACE
BS	BENTONITE SEAL
FP	FILTER PACK
TSC	TOP OF SCREEN
BSC	BOTTOM OF SCREEN
TD	TOTAL DEPTH
CB	CUTTINGS/BACKFILL

NOTES: **Waste present from approximately 3' - 10'. Consisted of plastic and fabric.**

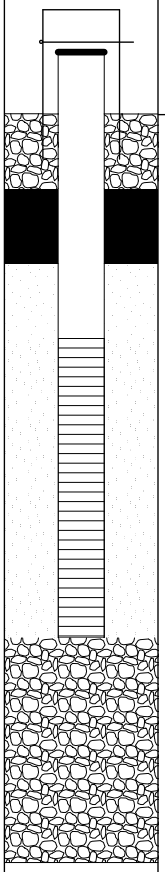
S&ME

MONITORING WELL 1054-11-1007 VP 11-2012.GPJ S&ME.GDT 12/6/12

COMPLETION REPORT OF WELL No. VP-16

SITE NAME: **Flemington Landfill**
TASK ORDER: **3056DP-6**
DRILLING CONTRACTOR: **S&ME, Inc.**
DRILLING METHOD: **3-1/4" HSA**
DATE DRILLED: **10/24/12**

TOP OF CASING ELEVATION: **NA**
DATUM: **NA**
LOGGED BY: **S. Young**

STRATA DESCRIPTION	SYMBOL	DEPTH (ft.)	WELL DETAILS	DEPTH (ft.)	LEGEND	ELEVATION (ft.)
Grass and Topsoil		0		0.00	GS	NA
Dark Grey Clayey SAND (SC)				1.00	CB	
				2.00	BS	
				3.00	TSC	
Orangish Light Tan medium grained SAND (SP)		5			FP	
				7.00	BSC	
					CB	
		10		10.00	TD	

WELL CONSTRUCTION DETAILS

PROTECTIVE CASING
Diameter: **4" Square**
Type: **Steel Stickup**
Interval: **-3.0' - 1.0'**

RISER CASING
Diameter: **1"**
Type: **Schedule 40 PVC**
Interval: **-3.0' - 3.0'**

GROUT
Type: **NA**
Interval: **NA**

SEAL
Type: **Bentonite**
Interval: **1.0' - 2.0'**

FILTER PACK
Type: **#3 Filter Sand**
Interval: **2.0' - 7.0'**

SCREEN
Diameter: **1"**
Type: **Schedule 40 0.010" Slotted PVC**
Interval: **3.0' - 7.0'**

LEGEND
- FILTER PACK
- BENTONITE
- CEMENT GROUT
- CUTTINGS / BACKFILL
- STATIC WATER LEVEL

TOC	TOP OF CASING
GS	GROUND SURFACE
BS	BENTONITE SEAL
FP	FILTER PACK
TSC	TOP OF SCREEN
BSC	BOTTOM OF SCREEN
TD	TOTAL DEPTH
CB	CUTTINGS/BACKFILL

NOTES: **No waste encountered.**

S&ME

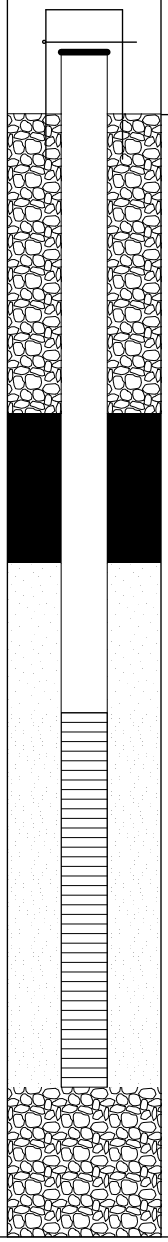
MONITORING WELL 1054-11-1007 VP 11-2012.GPJ S&ME.GDT 12/6/12

COMPLETION REPORT OF WELL No. VP-17

SITE NAME: **Flemington Landfill**
TASK ORDER: **3056DP-6**
DRILLING CONTRACTOR: **S&ME, Inc.**
DRILLING METHOD: **3-1/4" HSA**
DATE DRILLED: **10/24/12**

TOP OF CASING ELEVATION: **NA**
DATUM: **NA**
LOGGED BY: **S. Young**

STRATA DESCRIPTION	SYMBOL	DEPTH (ft.)	WELL DETAILS	DEPTH (ft.)	LEGEND	ELEVATION (ft.)
				0.00	GS	NA
Grass and Topsoil		0				
Light Brown medium grained SAND (SP)					CB	
Light Brown medium grained SAND (SP) and waste				4.00		
		5			BS	
				6.00		
Dark Grayish Brown medium grained SAND (SP) and waste				8.00	TSC	
					FP	
		10				
				13.00	BSC	
Dark Grayish Brown medium grained SAND (SP)					CB	
				15.00	TD	



WELL CONSTRUCTION DETAILS

PROTECTIVE CASING
Diameter: **4" Square**
Type: **Steel Stickup**
Interval: **-3.0' - 1.0'**

RISER CASING
Diameter: **1"**
Type: **Schedule 40 PVC**
Interval: **-3.0' - 8.0'**

GROUT
Type: **NA**
Interval: **NA**

SEAL
Type: **Bentonite**
Interval: **4.0' - 6.0'**

FILTER PACK
Type: **#3 Filter Sand**
Interval: **6.0' - 13.0'**

SCREEN
Diameter: **1"**
Type: **Schedule 40 0.010" Slotted PVC**
Interval: **8.0' - 13.0'**

LEGEND
- FILTER PACK
- BENTONITE
- CEMENT GROUT
- CUTTINGS / BACKFILL
- STATIC WATER LEVEL

TOC	TOP OF CASING
GS	GROUND SURFACE
BS	BENTONITE SEAL
FP	FILTER PACK
TSC	TOP OF SCREEN
BSC	BOTTOM OF SCREEN
TD	TOTAL DEPTH
CB	CUTTINGS/BACKFILL

NOTES: **Waste present from approximately 2.5' - 13'. Consisted of plastic and metal.**

S&ME

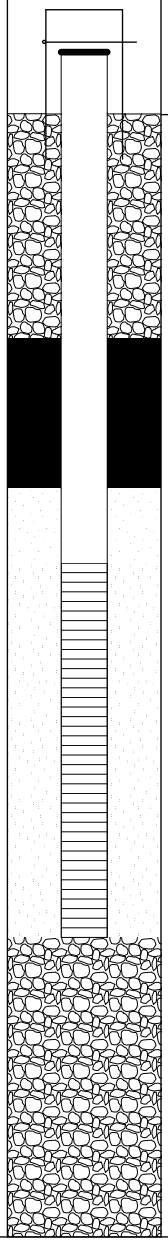
MONITORING WELL 1054-11-1007 VP 11-2012.GPJ S&ME.GDT 12/6/12

COMPLETION REPORT OF WELL No. VP-18

SITE NAME: **Flemington Landfill**
TASK ORDER: **3056DP-6**
DRILLING CONTRACTOR: **S&ME, Inc.**
DRILLING METHOD: **3-1/4" HSA**
DATE DRILLED: **10/23/12**

TOP OF CASING ELEVATION: **NA**
DATUM: **NA**
LOGGED BY: **G. Paul**

STRATA DESCRIPTION	SYMBOL	DEPTH (ft.)	WELL DETAILS	DEPTH (ft.)	LEGEND	ELEVATION (ft.)
				0.00	GS	NA
Dark Brown medium grained SAND (SP)		0			CB	
Dark Brown medium grained SAND (SP) and waste				3.00	BS	
		5		5.00		
Dark Brown medium grained SAND (SP)				6.00	TSC	
		10		11.00	BSC	
					CB	
				15.00	TD	



WELL CONSTRUCTION DETAILS

PROTECTIVE CASING
Diameter: **4" Square**
Type: **Steel Stickup**
Interval: **-3.0' - 1.0'**

RISER CASING
Diameter: **1"**
Type: **Schedule 40 PVC**
Interval: **-3.0' - 6.0'**

GROUT
Type: **NA**
Interval: **NA**

SEAL
Type: **Bentonite**
Interval: **3.0' - 5.0'**

FILTER PACK
Type: **#3 Filter Sand**
Interval: **5.0' - 11.0'**

SCREEN
Diameter: **1"**
Type: **Schedule 40 0.010" Slotted PVC**
Interval: **6.0' - 11.0'**

LEGEND

- FILTER PACK
- BENTONITE
- CEMENT GROUT
- CUTTINGS / BACKFILL
- STATIC WATER LEVEL

TOC	TOP OF CASING
GS	GROUND SURFACE
BS	BENTONITE SEAL
FP	FILTER PACK
TSC	TOP OF SCREEN
BSC	BOTTOM OF SCREEN
TD	TOTAL DEPTH
CB	CUTTINGS/BACKFILL

NOTES: **Waste present from approximately 2' - 6'. Consisted of plastic.**

S&ME

MONITORING WELL 1054-11-1007 VP 11-2012.GPJ S&ME.GDT 12/6/12

COMPLETION REPORT OF WELL No. VP-19

SITE NAME: **Flemington Landfill**
TASK ORDER: **3056DP-6**
DRILLING CONTRACTOR: **S&ME, Inc.**
DRILLING METHOD: **3-1/4" HSA**
DATE DRILLED: **10/23/12**

TOP OF CASING ELEVATION: **NA**
DATUM: **NA**
LOGGED BY: **G. Paul**

STRATA DESCRIPTION	SYMBOL	DEPTH (ft.)	WELL DETAILS	DEPTH (ft.)	LEGEND	ELEVATION (ft.)
				0.00	GS	NA
Tan/Light Brown medium grained SAND (SP)		0				
					CB	
				3.00		
Brown medium grained SAND (SP) and waste					BS	
		5		5.00		
				6.00	TSC	
Light Tan medium grained SAND (SP)					FP	
		10				
				11.00	BSC	
wet					CB	
				15.00	TD	

WELL CONSTRUCTION DETAILS

PROTECTIVE CASING
Diameter: **4" Square**
Type: **Steel Stickup**
Interval: **-3.0' - 1.0'**

RISER CASING
Diameter: **1"**
Type: **Schedule 40 PVC**
Interval: **-3.0' - 6.0'**

GROUT
Type: **NA**
Interval: **NA**

SEAL
Type: **Bentonite**
Interval: **3.0' - 5.0'**

FILTER PACK
Type: **#3 Filter Sand**
Interval: **5.0' - 11.0'**

SCREEN
Diameter: **1"**
Type: **Schedule 40 0.010" Slotted PVC**
Interval: **6.0' - 11.0'**

LEGEND

- FILTER PACK
- BENTONITE
- CEMENT GROUT
- CUTTINGS / BACKFILL
- STATIC WATER LEVEL

TOC	TOP OF CASING
GS	GROUND SURFACE
BS	BENTONITE SEAL
FP	FILTER PACK
TSC	TOP OF SCREEN
BSC	BOTTOM OF SCREEN
TD	TOTAL DEPTH
CB	CUTTINGS/BACKFILL

NOTES: **Waste present from approximately 3' - 7'. Consisted of plastic.**

S&ME

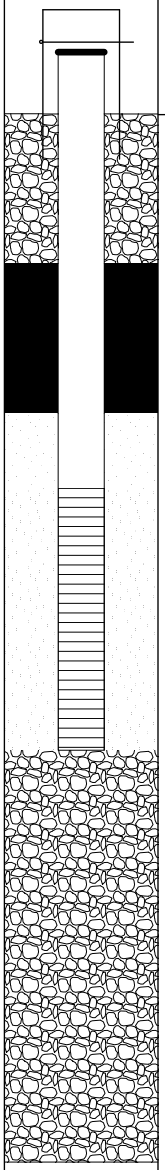
MONITORING WELL 1054-11-1007 VP 11-2012.GPJ S&ME.GDT 12/6/12

COMPLETION REPORT OF WELL No. VP-20

SITE NAME: **Flemington Landfill**
TASK ORDER: **3056DP-6**
DRILLING CONTRACTOR: **S&ME, Inc.**
DRILLING METHOD: **3-1/4" HSA**
DATE DRILLED: **10/23/12**

TOP OF CASING ELEVATION: **NA**
DATUM: **NA**
LOGGED BY: **G. Paul**

STRATA DESCRIPTION	SYMBOL	DEPTH (ft.)	WELL DETAILS	DEPTH (ft.)	LEGEND	ELEVATION (ft.)
				0.00	GS	NA
Dark Brown medium grained SAND (SP)		0			CB	
				2.00		
Brown medium grained SAND (SP)					BS	
				4.00		
Light Brown/Tan medium grained SAND (SP)		5		5.00	TSC	
					FP	
				8.50	BSC	
		10			CB	
wet						
				14.00	TD	



WELL CONSTRUCTION DETAILS

PROTECTIVE CASING
Diameter: **4" Square**
Type: **Steel Stickup**
Interval: **-3.0' - 1.0'**

RISER CASING
Diameter: **1"**
Type: **Schedule 40 PVC**
Interval: **-3.0' - 5.0'**

GROUT
Type: **NA**
Interval: **NA**

SEAL
Type: **Bentonite**
Interval: **2.0' - 4.0'**

FILTER PACK
Type: **#3 Filter Sand**
Interval: **4.0' - 8.5'**

SCREEN
Diameter: **1"**
Type: **Schedule 40 0.010" Slotted PVC**
Interval: **5.0' - 8.5'**

LEGEND
- FILTER PACK
- BENTONITE
- CEMENT GROUT
- CUTTINGS / BACKFILL
- STATIC WATER LEVEL

TOC	TOP OF CASING
GS	GROUND SURFACE
BS	BENTONITE SEAL
FP	FILTER PACK
TSC	TOP OF SCREEN
BSC	BOTTOM OF SCREEN
TD	TOTAL DEPTH
CB	CUTTINGS/BACKFILL

NOTES: **No waste encountered.**

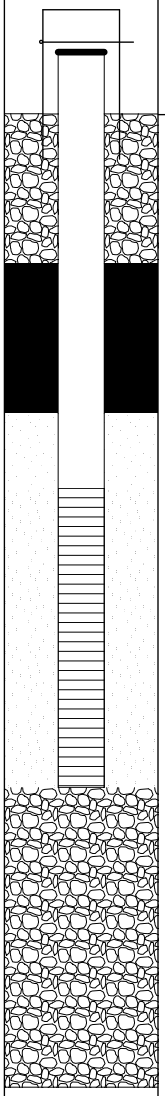
S&ME

COMPLETION REPORT OF WELL No. VP-21

SITE NAME: **Flemington Landfill**
TASK ORDER: **3056DP-6**
DRILLING CONTRACTOR: **S&ME, Inc.**
DRILLING METHOD: **3-1/4" HSA**
DATE DRILLED: **10/23/12**

TOP OF CASING ELEVATION: **NA**
DATUM: **NA**
LOGGED BY: **G. Paul**

STRATA DESCRIPTION	SYMBOL	DEPTH (ft.)	WELL DETAILS	DEPTH (ft.)	LEGEND	ELEVATION (ft.)
				0.00	GS	NA
Brown/Black SAND (SP); with organics		0			CB	
				2.00		
Tan/Light Brown medium grained SAND (SP)					BS	
				4.00		
				5.00	TSC	
Dark Brown medium grained SAND (SP)		5			FP	
Tan/Light Brown medium grained SAND (SP)				9.00	BSC	
wet		10			CB	
				13.00	TD	



WELL CONSTRUCTION DETAILS

PROTECTIVE CASING
Diameter: **4" Square**
Type: **Steel Stickup**
Interval: **-3.0' - 1.0'**

RISER CASING
Diameter: **1"**
Type: **Schedule 40 PVC**
Interval: **-3.0' - 5.0'**

GROUT
Type: **NA**
Interval: **NA**

SEAL
Type: **Bentonite**
Interval: **2.0' - 4.0'**

FILTER PACK
Type: **#3 Filter Sand**
Interval: **4.0' - 9.0'**

SCREEN
Diameter: **1"**
Type: **Schedule 40 0.010" Slotted PVC**
Interval: **5.0' - 9.0'**

LEGEND
- FILTER PACK
- BENTONITE
- CEMENT GROUT
- CUTTINGS / BACKFILL
- STATIC WATER LEVEL

TOC	TOP OF CASING
GS	GROUND SURFACE
BS	BENTONITE SEAL
FP	FILTER PACK
TSC	TOP OF SCREEN
BSC	BOTTOM OF SCREEN
TD	TOTAL DEPTH
CB	CUTTINGS/BACKFILL

NOTES: **No waste encountered. Collected sample from 2.5' - 5.0' depth interval.**

S&ME

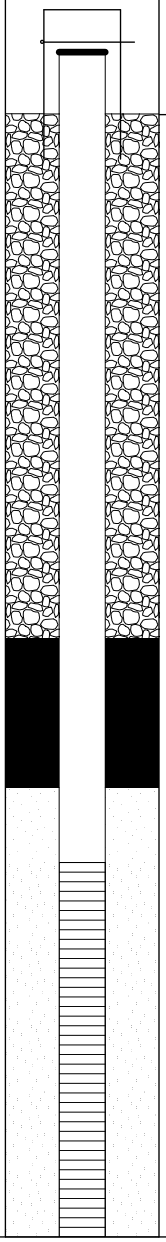
MONITORING WELL 1054-11-1007 VP 11-2012.GPJ S&ME.GDT 12/6/12

COMPLETION REPORT OF WELL No. VP-22

SITE NAME: **Flemington Landfill**
TASK ORDER: **3056DP-6**
DRILLING CONTRACTOR: **S&ME, Inc.**
DRILLING METHOD: **3-1/4" HSA**
DATE DRILLED: **10/29/12**

TOP OF CASING ELEVATION: **NA**
DATUM: **NA**
LOGGED BY: **C. Elliot**

STRATA DESCRIPTION	SYMBOL	DEPTH (ft.)	WELL DETAILS	DEPTH (ft.)	LEGEND	ELEVATION (ft.)
				0.00	GS	NA
Organics (OH)		0				
Dark Yellowish Brown SAND (SP); poorly graded, moist					CB	
		5				
Dark Brown SAND (SP); poorly graded				7.00		
					BS	
				9.00		
				10.00	TSC	
Medium Gray SAND (SP); poorly graded		10				
					FP	
				15.00	TD	



WELL CONSTRUCTION DETAILS

PROTECTIVE CASING
Diameter: **4" Square**
Type: **Steel Stickup**
Interval: **-3.0' - 1.0'**

RISER CASING
Diameter: **1"**
Type: **Schedule 40 PVC**
Interval: **-3.0' - 10.0'**

GROUT
Type: **NA**
Interval: **NA**

SEAL
Type: **Bentonite**
Interval: **7.0' - 9.0'**

FILTER PACK
Type: **#3 Filter Sand**
Interval: **9.0' - 15.0'**

SCREEN
Diameter: **1"**
Type: **Schedule 40 0.010" Slotted PVC**
Interval: **10.0' - 15.0'**

LEGEND
- FILTER PACK
- BENTONITE
- CEMENT GROUT
- CUTTINGS / BACKFILL
- STATIC WATER LEVEL

TOC	TOP OF CASING
GS	GROUND SURFACE
BS	BENTONITE SEAL
FP	FILTER PACK
TSC	TOP OF SCREEN
BSC	BOTTOM OF SCREEN
TD	TOTAL DEPTH
CB	CUTTINGS/BACKFILL

NOTES: **No waste encountered.**

S&ME

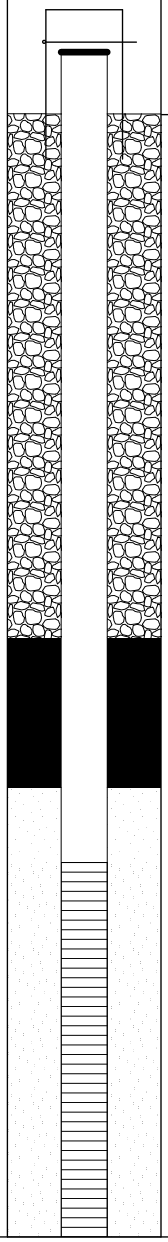
MONITORING WELL 1054-11-1007 VP 11-2012.GPJ S&ME.GDT 12/6/12

COMPLETION REPORT OF WELL No. VP-23

SITE NAME: **Flemington Landfill**
TASK ORDER: **3056DP-6**
DRILLING CONTRACTOR: **S&ME, Inc.**
DRILLING METHOD: **3-1/4" HSA**
DATE DRILLED: **10/29/12**

TOP OF CASING ELEVATION: **NA**
DATUM: **NA**
LOGGED BY: **C. Elliot**

STRATA DESCRIPTION	SYMBOL	DEPTH (ft.)	WELL DETAILS	DEPTH (ft.)	LEGEND	ELEVATION (ft.)
				0.00	GS	NA
Organics (OH)		0				
Yellowish Brown SAND (SP); poorly graded, moist					CB	
Light Yellowish Brown SAND (SP); poorly graded		5				
				7.00	BS	
				9.00		
		10		10.00	TSC	
					FP	
				15.00	TD	



WELL CONSTRUCTION DETAILS

PROTECTIVE CASING
Diameter: **4" Square**
Type: **Steel Stickup**
Interval: **-3.0' - 1.0'**

RISER CASING
Diameter: **1"**
Type: **Schedule 40 PVC**
Interval: **-3.0' - 10.0'**

GROUT
Type: **NA**
Interval: **NA**

SEAL
Type: **Bentonite**
Interval: **7.0' - 9.0'**

FILTER PACK
Type: **#3 Filter Sand**
Interval: **9.0' - 15.0'**

SCREEN
Diameter: **1"**
Type: **Schedule 40 0.010" Slotted PVC**
Interval: **10.0' - 15.0'**

LEGEND

- FILTER PACK
- BENTONITE
- CEMENT GROUT
- CUTTINGS / BACKFILL
- STATIC WATER LEVEL

TOC	TOP OF CASING
GS	GROUND SURFACE
BS	BENTONITE SEAL
FP	FILTER PACK
TSC	TOP OF SCREEN
BSC	BOTTOM OF SCREEN
TD	TOTAL DEPTH
CB	CUTTINGS/BACKFILL

NOTES: **No waste encountered.**

S&ME

COMPLETION REPORT OF WELL No. TMW-1

SITE NAME: **Flemington Landfill**
TASK ORDER: **3056DP-6**
DRILLING CONTRACTOR: **S&ME, Inc.**
DRILLING METHOD: **Geoprobe**
DATE DRILLED: **10/23/12**

TOP OF CASING ELEVATION: **16.45**
DATUM: **NA**
LOGGED BY: **C. Elliot**

STRATA DESCRIPTION	SYMBOL	DEPTH (ft.)	WELL DETAILS	DEPTH (ft.)	LEGEND	ELEVATION (ft.)
				0.00	GS	15.45
Medium Gray SAND (SP); poorly graded, moist		0				
		5				
Light Yellowish Brown SAND (SP); poorly graded, wet at ~8'						
No Lithology Recorded		10				
		15				
		20				
		25		27.50		-12.05
					BS	
		30		30.00	TSC	-14.55
		35				
		40			FP	
		45				
Refusal at 50'		50		50.00	TD	-34.55

WELL CONSTRUCTION DETAILS

PROTECTIVE CASING
Diameter: **NA**
Type: **NA**
Interval: **NA**

RISER CASING
Diameter: **1"**
Type: **Schedule 40 PVC**
Interval: **-1.00 - 30.0'**

GROUT
Type: **NA**
Interval: **NA**

SEAL
Type: **Bentonite**
Interval: **27.5' - 30.0'**

FILTER PACK
Type: **#2 Filter Sand**
Interval: **30.0' - 50.0'**

SCREEN
Diameter: **1"**
Type: **Schedule 40 0.010" Slotted PVC Pre-Pack**
Interval: **30.0' - 50.0'**

LEGEND
- FILTER PACK
- BENTONITE
- CEMENT GROUT
- CUTTINGS / BACKFILL
- STATIC WATER LEVEL

TOC	TOP OF CASING
GS	GROUND SURFACE
BS	BENTONITE SEAL
FP	FILTER PACK
TSC	TOP OF SCREEN
BSC	BOTTOM OF SCREEN
TD	TOTAL DEPTH
CB	CUTTINGS/BACKFILL

NOTES: **Collected sample from 2.5' - 5.0' interval.**

S&ME

COMPLETION REPORT OF WELL No. TMW-2

SITE NAME: **Flemington Landfill**
TASK ORDER: **3056DP-6**
DRILLING CONTRACTOR: **S&ME, Inc.**
DRILLING METHOD: **Geoprobe**
DATE DRILLED: **10/22/12**

TOP OF CASING ELEVATION: **17.02**
DATUM: **NA**
LOGGED BY: **G. Paul**

STRATA DESCRIPTION	SYMBOL	DEPTH (ft.)	WELL DETAILS	DEPTH (ft.)	LEGEND	ELEVATION (ft.)
				0.00	GS	13.98
Brown/Tan medium grained SAND (SP)		0				
		5				
Tan medium grained SAND (SP) wet at ~9'						
No Lithology Recorded		10				
		15				
		20				
		25				
		30				
				32.50	BS	-18.52
		35		35.00	TSC	-21.02
		40				
		45			FP	
		50				
Refusal at 55'				55.00	TD	-41.02

WELL CONSTRUCTION DETAILS

PROTECTIVE CASING
Diameter: **NA**
Type: **NA**
Interval: **NA**

RISER CASING
Diameter: **1"**
Type: **Schedule 40 PVC**
Interval: **-3.04 - 35.0'**

GROUT
Type: **NA**
Interval: **NA**

SEAL
Type: **Bentonite**
Interval: **32.5' - 35.0'**

FILTER PACK
Type: **#2 Filter Sand**
Interval: **35.0' - 55.0'**

SCREEN
Diameter: **1"**
Type: **Schedule 40 0.010" Slotted PVC Pre-Pack**
Interval: **35.0' - 55.0'**

LEGEND
- FILTER PACK
- BENTONITE
- CEMENT GROUT
- CUTTINGS / BACKFILL
- STATIC WATER LEVEL

TOC	TOP OF CASING
GS	GROUND SURFACE
BS	BENTONITE SEAL
FP	FILTER PACK
TSC	TOP OF SCREEN
BSC	BOTTOM OF SCREEN
TD	TOTAL DEPTH
CB	CUTTINGS/BACKFILL

NOTES: **Collected sample from 2.5' - 5.0' interval.**

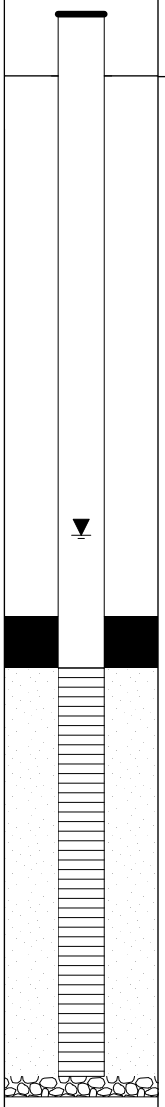
S&ME

COMPLETION REPORT OF WELL No. TMW-3

SITE NAME: **Flemington Landfill**
TASK ORDER: **3056DP-6**
DRILLING CONTRACTOR: **S&ME, Inc.**
DRILLING METHOD: **Geoprobe**
DATE DRILLED: **10/29/12**

TOP OF CASING ELEVATION: **30.61**
DATUM: **NA**
LOGGED BY: **C. Elliot**

STRATA DESCRIPTION	SYMBOL	DEPTH (ft.)	WELL DETAILS	DEPTH (ft.)	LEGEND	ELEVATION (ft.)
				0.00	GS	28.47
No Recovery		0				
		5				
		10				
		15				
		20				
Light Yellowish Brown SAND (SP); poorly graded wet		25				
Gray SAND (SP); poorly graded				26.50	BS	1.97
				29.00	TSC	-0.53
		30				
		35				
saturated		40			FP	
		45				
		50		49.00	BSC	-20.53
				50.00	TD	-21.53



WELL CONSTRUCTION DETAILS

PROTECTIVE CASING
Diameter: **NA**
Type: **NA**
Interval: **NA**

RISER CASING
Diameter: **1"**
Type: **Schedule 40 PVC**
Interval: **-2.14 - 29.0'**

GROUT
Type: **NA**
Interval: **NA**

SEAL
Type: **Bentonite**
Interval: **26.5' - 29.0'**

FILTER PACK
Type: **#2 Filter Sand**
Interval: **29.0' - 49.0'**

SCREEN
Diameter: **1"**
Type: **Schedule 40 0.010" Slotted PVC Pre-Pack**
Interval: **29.0' - 49.0'**

LEGEND
- FILTER PACK
- BENTONITE
- CEMENT GROUT
- CUTTINGS / BACKFILL
- STATIC WATER LEVEL

TOC	TOP OF CASING
GS	GROUND SURFACE
BS	BENTONITE SEAL
FP	FILTER PACK
TSC	TOP OF SCREEN
BSC	BOTTOM OF SCREEN
TD	TOTAL DEPTH
CB	CUTTINGS/BACKFILL

NOTES: **Collected sample from 2.5' - 5.0' interval.**

S&ME

MONITORING WELL 1054-11-1007 TMW 11-2012.GPJ S&ME.GDT 12/6/12

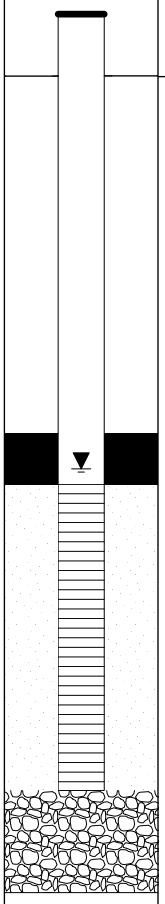
COMPLETION REPORT OF WELL No. TMW-4

SITE NAME: **Flemington Landfill**
TASK ORDER: **3056DP-6**
DRILLING CONTRACTOR: **S&ME, Inc.**
DRILLING METHOD: **Geoprobe**
DATE DRILLED: **10/25/12**

TOP OF CASING ELEVATION: **27.79**
DATUM: **NA**
LOGGED BY: **C. Elliot**

STRATA DESCRIPTION	SYMBOL	DEPTH (ft.)
Gray SAND (SP); poorly graded		0
Very Dark Brown SAND (SP); poorly graded, wet		5
Dark Yellowish Brown (SP); poorly graded		10
Dark Brown SAND (SP); poorly graded		15
Light Yellowish Brown SAND (SP); poorly graded, saturated		20
No Lithology Recorded		25, 30, 35, 40

WELL DETAILS



DEPTH (ft.)	LEGEND	ELEVATION (ft.)
0.00	GS	25.78
17.50	BS	8.28
20.00	TSC	5.78
	FP	
35.00	BSC	-9.22
40.00	TD	-14.22

WELL CONSTRUCTION DETAILS

PROTECTIVE CASING
Diameter: **NA**
Type: **NA**
Interval: **NA**

RISER CASING
Diameter: **1"**
Type: **Schedule 40 PVC**
Interval: **-2.01 - 20.0'**

GROUT
Type: **NA**
Interval: **NA**

SEAL
Type: **Bentonite**
Interval: **17.5' - 20.0'**

FILTER PACK
Type: **#2 Filter Sand**
Interval: **20.0' - 35.0'**

SCREEN
Diameter: **1"**
Type: **Schedule 40 0.010" Slotted PVC Pre-Pack**
Interval: **20.0' - 35.0'**

LEGEND
- FILTER PACK
- BENTONITE
- CEMENT GROUT
- CUTTINGS / BACKFILL
- STATIC WATER LEVEL

TOC	TOP OF CASING
GS	GROUND SURFACE
BS	BENTONITE SEAL
FP	FILTER PACK
TSC	TOP OF SCREEN
BSC	BOTTOM OF SCREEN
TD	TOTAL DEPTH
CB	CUTTINGS/BACKFILL

NOTES: **Collected sample from 2.5' - 5.0' interval.**

S&ME

MONITORING WELL 1054-11-1007 TMW 11-2012.GPJ S&ME.GDT 12/6/12

COMPLETION REPORT OF WELL No. TMW-5

SITE NAME: **Flemington Landfill**
TASK ORDER: **3056DP-6**
DRILLING CONTRACTOR: **S&ME, Inc.**
DRILLING METHOD: **Geoprobe**
DATE DRILLED: **10/25/12**

TOP OF CASING ELEVATION: **14.76**
DATUM: **NA**
LOGGED BY: **C. Elliot**

STRATA DESCRIPTION	SYMBOL	DEPTH (ft.)	WELL DETAILS	DEPTH (ft.)	LEGEND	ELEVATION (ft.)
				0.00	GS	12.41
Organics (OH)		0				
Gray SAND (SP); poorly graded						
Light Yellowish Brown SAND (SP); poorly graded		5				
Medium Gray SAND (SP); poorly graded, wet at 8'		10				
No Lithology Recorded						
		15				
		20		19.50	BS	-7.09
				22.00	TSC	-9.59
		25				
		30			FP	
		35				
		40				
refusal at 42'				42.00	TD	-29.59

WELL CONSTRUCTION DETAILS

PROTECTIVE CASING
Diameter: **NA**
Type: **NA**
Interval: **NA**

RISER CASING
Diameter: **1"**
Type: **Schedule 40 PVC**
Interval: **-2.35 - 22.5'**

GROUT
Type: **NA**
Interval: **NA**

SEAL
Type: **Bentonite**
Interval: **19.5' - 22.0'**

FILTER PACK
Type: **#2 Filter Sand**
Interval: **22.0' - 42.0'**

SCREEN
Diameter: **1"**
Type: **Schedule 40 0.010" Slotted PVC Pre-Pack**
Interval: **22.0' - 42.0'**

LEGEND

- FILTER PACK
- BENTONITE
- CEMENT GROUT
- CUTTINGS / BACKFILL
- STATIC WATER LEVEL

TOC	TOP OF CASING
GS	GROUND SURFACE
BS	BENTONITE SEAL
FP	FILTER PACK
TSC	TOP OF SCREEN
BSC	BOTTOM OF SCREEN
TD	TOTAL DEPTH
CB	CUTTINGS/BACKFILL

NOTES: **Collected sample from 2.5' - 5.0' interval.**

S&ME

COMPLETION REPORT OF WELL No. TMW-6

SITE NAME: **Flemington Landfill**
TASK ORDER: **3056DP-6**
DRILLING CONTRACTOR: **S&ME, Inc.**
DRILLING METHOD: **Geoprobe**
DATE DRILLED: **10/25/12**

TOP OF CASING ELEVATION: **10.81**
DATUM: **NA**
LOGGED BY: **C. Elliot**

STRATA DESCRIPTION	SYMBOL	DEPTH (ft.)	WELL DETAILS	DEPTH (ft.)	LEGEND	ELEVATION (ft.)
				0.00	GS	9.20
Organics (OH)		0				
Light Gray SAND (SP); poorly graded wet						
		5				
No Lithology Recorded						
		10				
				12.50	BS	-3.30
		15		15.00	TSC	-5.80
		20			FP	
		25				
Refusal at 30'		30		30.00	TD	-20.80

WELL CONSTRUCTION DETAILS

PROTECTIVE CASING
Diameter: **NA**
Type: **NA**
Interval: **NA**

RISER CASING
Diameter: **1"**
Type: **Schedule 40 PVC**
Interval: **-1.61 - 15.0'**

GROUT
Type: **NA**
Interval: **NA**

SEAL
Type: **Bentonite**
Interval: **12.5' - 15.0'**

FILTER PACK
Type: **#2 Filter Sand**
Interval: **15.0' - 30.0'**

SCREEN
Diameter: **1"**
Type: **Schedule 40 0.010" Slotted PVC Pre-Pack**
Interval: **15.0' - 30.0'**

LEGEND
- FILTER PACK
- BENTONITE
- CEMENT GROUT
- CUTTINGS / BACKFILL
- STATIC WATER LEVEL

TOC	TOP OF CASING
GS	GROUND SURFACE
BS	BENTONITE SEAL
FP	FILTER PACK
TSC	TOP OF SCREEN
BSC	BOTTOM OF SCREEN
TD	TOTAL DEPTH
CB	CUTTINGS/BACKFILL

NOTES: **Collected sample from 2.5' - 5.0' interval.**

S&ME

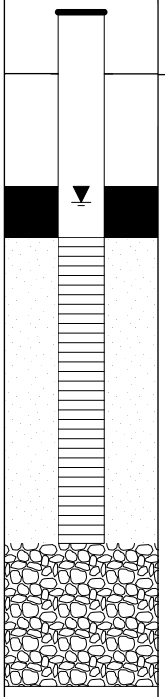
MONITORING WELL 1054-11-1007 TMW 11-2012.GPJ S&ME.GDT 12/6/12

COMPLETION REPORT OF WELL No. TMW-7

SITE NAME: **Flemington Landfill**
TASK ORDER: **3056DP-6**
DRILLING CONTRACTOR: **S&ME, Inc.**
DRILLING METHOD: **Geoprobe**
DATE DRILLED: **10/24/12**

TOP OF CASING ELEVATION: **14.77**
DATUM: **NA**
LOGGED BY: **S. Young**

STRATA DESCRIPTION	SYMBOL	DEPTH (ft.)	WELL DETAILS	DEPTH (ft.)	LEGEND	ELEVATION (ft.)
				0.00	GS	12.21
Grass and Topsoil		0				
Grayish Tan medium grained SAND (SP)		5		5.50	BS	6.71
				8.00	TSC	4.21
Tan medium grained SAND (SP); wet		10				
No Lithology Recorded						
		15			FP	
		20		23.00	BSC	-10.79
		25				
Refusal at 30'		30		30.00	TD	-17.79



WELL CONSTRUCTION DETAILS

PROTECTIVE CASING
Diameter: **NA**
Type: **NA**
Interval: **NA**

RISER CASING
Diameter: **1"**
Type: **Schedule 40 PVC**
Interval: **-2.56 - 8.0'**

GROUT
Type: **NA**
Interval: **NA**

SEAL
Type: **Bentonite**
Interval: **5.5' - 8.0'**

FILTER PACK
Type: **#2 Filter Sand**
Interval: **8.0' - 23.0'**

SCREEN
Diameter: **1"**
Type: **Schedule 40 0.010" Slotted PVC Pre-Pack**
Interval: **8.0' - 23.0'**

LEGEND
- FILTER PACK
- BENTONITE
- CEMENT GROUT
- CUTTINGS / BACKFILL
- STATIC WATER LEVEL

TOC	TOP OF CASING
GS	GROUND SURFACE
BS	BENTONITE SEAL
FP	FILTER PACK
TSC	TOP OF SCREEN
BSC	BOTTOM OF SCREEN
TD	TOTAL DEPTH
CB	CUTTINGS/BACKFILL

NOTES: **Collected sample from 2.5' - 5.0' interval.**

S&ME

MONITORING WELL 1054-11-1007 TMW 11-2012.GPJ S&ME.GDT 12/6/12

COMPLETION REPORT OF WELL No. TMW-8

SITE NAME: **Flemington Landfill**
TASK ORDER: **3056DP-6**
DRILLING CONTRACTOR: **S&ME, Inc.**
DRILLING METHOD: **Geoprobe**
DATE DRILLED: **10/24/12**

TOP OF CASING ELEVATION: **9.17**
DATUM: **NA**
LOGGED BY: **S. Young**

STRATA DESCRIPTION	SYMBOL	DEPTH (ft.)	WELL DETAILS	DEPTH (ft.)	LEGEND	ELEVATION (ft.)
				0.00	GS	7.88
Light Tan medium to coarse grained SAND (SP) wet at ~2.5'		0				
No Lithology Recorded		5				
		10				
		15		16.50		-8.62
					BS	
				19.00	TSC	-11.12
		20				
		25				
					FP	
		30				
		35				
Refusal at 39'				39.00	TD	-31.12

WELL CONSTRUCTION DETAILS

PROTECTIVE CASING
Diameter: **NA**
Type: **NA**
Interval: **NA**

RISER CASING
Diameter: **1"**
Type: **Schedule 40 PVC**
Interval: **-1.29 - 16.5'**

GROUT
Type: **NA**
Interval: **NA**

SEAL
Type: **Bentonite**
Interval: **16.5' - 19.0'**

FILTER PACK
Type: **#2 Filter Sand**
Interval: **19.0' - 39.0'**

SCREEN
Diameter: **1"**
Type: **Schedule 40 0.010" Slotted PVC Pre-Pack**
Interval: **19.0' - 39.0'**

LEGEND
- FILTER PACK
- BENTONITE
- CEMENT GROUT
- CUTTINGS / BACKFILL
- STATIC WATER LEVEL

TOC	TOP OF CASING
GS	GROUND SURFACE
BS	BENTONITE SEAL
FP	FILTER PACK
TSC	TOP OF SCREEN
BSC	BOTTOM OF SCREEN
TD	TOTAL DEPTH
CB	CUTTINGS/BACKFILL

NOTES: **Collected sample from 2.5' - 5.0' interval.**

S&ME

Appendix IV

S&ME

JOB NO. 1054-11-1007

SHEET NO.

DATE 10/22/12

JOB NAME Flemington LF

COMPUTED BY

SUBJECT Monitor Well install - LFG probe install

CHECKED BY

0800 - Arrived on-site
Met with Scott Young S&ME (Wilmington office)
Met w/ Bateman civil Surveyg to clear boring locations

Cleared several boring locations -

- flagged All boring locations -

1100 - Held HTS Meeting
- S&ME Drillers - tom white head
- Kirk Richardson

Continue to flag boring locations
Lunch → While Drillers set set up on first location
- See attached boring log for Details of TMW-2

Slow Drilling hard material.
- Collected Soil Samples until groundwater then Switched to 3 1/4" Rods No Lithology below water table until Termination depth.

- Mob to Second location VP-21

Set up on VP-21 location

- To begin drilling location on Day 2.

- Continue to Locate proposed boring locations

1700 Cleaned up + left site.

FIELD REPORT

S&ME, Inc.
3201 Spring Forest Road
Raleigh, NC 27615
(919) 872-2660

S&ME

PROJECT: Flemington Land fill	
LOCATION:	
DATE: 10/23/12	JOB NO.
CONTRACTOR	OWNER
WEATHER	TEMP °at AM °at PM
PRESENT AT SITE: C Elliott	

TO

Notes: 0730 Leave office 0930 Arrive site. Called J Paul. Bateman (G. M) on site. 10:00 At location for boring.
Soils - screen ~2' @ MW's - no det PID composit 2.5-5.0' sample
Gas probes - up to 15' 1'-5' screen
@ BP-19. Some difficulty drilling. Lengths of plastic wrapping around rods. Installed BP-19 to 12' bgs. 5' screen (12-7' bgs) sand to 6' bgs, 2' bentonite pellets 11:30 Drilling BP-20. Wet @ 15' (Saturated) Well set @ 8.5' bgs 3.5' screen (to 5' bgs) Sand to 4' bgs (8.5'-4') 2' bentonite (4'-2') 13:45 Advancing TMW-1 Direct push w/ macro cores to 10'. Groundwater encountered @ 8' bgs. Switched to solid stem augers. Advanced to 40' bgs. Direct push to 50'. Refusal @ 50'. Set well @ 50' bgs. 15:40 Move to VP-18. Advanced to 15' bgs. Set probe @ 11' bgs 5' screen Sand 11-5' bgs 2' bentonite.

ATTACHMENTS:
COPIES TO: SIGNED:

The presence of S&ME in the field shall not be construed as an acceptance or approval of activities at the site. S&ME is in the field to perform specific services and has certain responsibilities which are limited to those specifically authorized in our agreement with our Client. In no event shall S&ME be responsible for the safety or the means and methods of other parties in the field.

FIELD REPORT

S&ME, Inc.
3201 Spring Forest Road
Raleigh, NC 27615
(919) 872-2660

S&ME

PROJECT	
LOCATION	Flemington
DATE 10/23/12	JOB NO.
CONTRACTOR	OWNER
WEATHER	TEMP °at AM / °at PM
PRESENT AT SITE	

TO

Notes VP-18 0-5' Poorly graded sand (SP), dk yellowish brown, moist, loose
5'-10' As above. In waste (from ~2'bgs) - out ~6'bgs
10'-15 Color change to dark gray
BOH @ 15' bgs

ATTACHMENTS:

COPIES TO: SIGNED:

The presence of S&ME in the field shall not be construed as an acceptance or approval of activities at the site. S&ME is in the field to perform specific services and has certain responsibilities which are limited to those specifically authorized in our agreement with our Client. In no event shall S&ME be responsible for the safety or the means and methods of other parties in the field.

SUMMARY OF GEOPROBE AUGER BORING

Driller: S&ME, Inc.
Logged By: ~~Gerald Paul~~ CANDY Elliott

S&ME

Project Name: Flemington Landfill
Task Order: 3056DP-5

DATE	BORING LOCATION	DEPTH (ft)	PROFILE DESCRIPTION	USCS CLASS	VISUAL/ODOR INDICATIONS OF CONTAMINATION	ORGANIC VAPOR READINGS (ppm)			SAMPLE TO LAB (Y/N)
						PID	FID	ft. bgs.	
10/23/12	TMW-1	0	Poorly graded sand, med gray, moist,	SP					
			loose, trace organics						
		2.5			~6" lens of	1.4		0-2.5	No
		5.0			dark w/ odor	2.2		2.5-5.0	Yes ✓
		7.5	Color change to lt yellowish brown			2.2		5.0-7.5	No
		8.0	Wet						
			Refusal @ 50' bgs						

Notes:
ft. bgs.= Depth in feet below ground sur PID = Photo-ionization detector (readings in parts per million or ppı See attached USCS class descriptions
-- = No data or paramter not collected FID = Flame-ionization detector (readings in parts per million or ppm)

P1

SUMMARY OF GEOPROBE AUGER BORING

Driller: S&ME, Inc.
Logged By: Gerald Paul

S&ME

Project Name: Flemington Landfill
Task Order: 3056DP-5

DATE	BORING LOCATION	DEPTH (ft)	PROFILE DESCRIPTION	USCS CLASS	VISUAL/ODOR INDICATIONS OF CONTAMINATION	ORGANIC VAPOR READINGS (ppm)			SAMPLE TO LAB (Y/N)
						PID	FID	ft. bgs.	
10/22/12	TMW-2	0-6	mix of brown / tan med grained Sand	SP	NO	0.2		0-2.5	no
		6-9	Tan med grained Sand	↓	NO	0.1		2.5-5	yes ✓
			wet @ 9' bgs			0.1		5-7.5	no
			Set tmw-2 to 55' bgs Refusal			0.1		7.5-10	no
10/23/12	VP21	0-2.5	brown / black Sand w/ organics OH	~~SP~~	NO	0.0		0-2.5	
		2.5-5.0	Tan / Lt brown med grained Sand	SP		0.5		2.5-5.0	Yes ✓
[redacted]		5.0-7.5	Dark Brown med Sand.	SP		0.8		5.0-7.5	
		7.5-13	tan / Lt brown med Sand	SP		0.4		7.5-10	
	VP-19	0-3.0	tan / Lt brown med SAND	SP	No SAMPLES				
		—	waste @ 3' bgs (gen plastics)						
			Waste from 3-7' bgs						
		3.0-7	Brown med Sand mix w waste	SP					
		7-11	Lt tan med Sand						
			water @ 13'						
	VP-20	0-2	Dark Brown med SAND	SP					
		2-4	Brown med SAND	SP					
		4-14	Lt brown / tan med Sand						
			wet @ 12' bgs						
			Set probe to 8.5						

Notes:
ft. bgs.= Depth in feet below ground sur PID = Photo-ionization detector (readings in parts per million or ppr See attached USCS class descriptions
-- = No data or paramter not collected FID = Flame-ionization detector (readings in parts per million or ppm)

10/22/12 PID calibration 0.0

P2

SUMMARY OF GEOPROBE AUGER BORING

Driller: S&ME, Inc.
Logged By: Gerald Paul

S&ME

Project Name: Flemington Landfill
Task Order: 3056DP-5

DATE	BORING LOCATION	DEPTH (ft)	PROFILE DESCRIPTION	USCS CLASS	VISUAL/ODOR INDICATIONS OF CONTAMINATION	ORGANIC VAPOR READINGS (ppm)			SAMPLE TO LAB (Y/N)
						PID	FID	ft. bgs.	
10/23/12	VP-18	0-2	Dark brown med sand.	SP					
			waste @ 2' bgs (plastic mix)	↓					
		2-15	Dark brown med sand						
10/24/12	TMW-8	0-5	Lt Tan m to c SAND	SP		0.1		0-2.5	yes
			wet @ ~ 2.5						
			cont. to drill below water table to						
			termination depth. hit probable refusal @						
			39' bgs on ind calc Sand.						
			Set TMW-8 to 39' bgs w/ 20' pre packed						
			Screen						
	VP-17	0-0.25	grass + topsoil						
		0.25-7'	light Brn m SAND	SP					
			waste 2.5-13' (plastic, metal)		NO				
		7'-15'	Dark Grayish Brn m SAND set @ 13'		SAMPLES				
			sand @ 8'	↓					
			bent @ 4'						

Notes:
ft. bgs.= Depth in feet below ground sur PID = Photo-ionization detector (readings in parts per million or ppr See attached USCS class descriptions
-- = No data or paramter not collected FID = Flame-ionization detector (readings in parts per million or ppm)

P3

SUMMARY OF GEOPROBE AUGER BORING

Driller: S&ME, Inc.
Logged By: Gerald Paul

S&ME

Project Name: Flemington Landfill
Task Order: 3056DP-5

DATE	BORING LOCATION	DEPTH (ft)	PROFILE DESCRIPTION	USCS CLASS	VISUAL/ODOR INDICATIONS OF CONTAMINATION	ORGANIC VAPOR READINGS (ppm)			SAMPLE TO LAB (Y/N)
						PID	FID	ft. bgs.	
10/24/12	VP-16	0-0.25	grass topsoil						
		0.25-3.5	Drk Gry clayey SAND	SP					
		3.5-~~NA~~10	Orangish Lt Tan m SAND	↓					
			~~Cave @ 6.5'~~ set @ 7'						
			4' scrn						
			sand @ 2'						
			bent @ 1'						
	TMW-7	0-0.25	grass + topsoil			1.0		0-2.5	no
		0.25-8	Grayish Drk Brn m SAND	SP		1.2	—	2.5-5	~~no~~ Yes ✓
		8-10	Tan m SAND wet	↓		1.6		5-7.5	~~no~~
			Continue to drill til refusal @ 30'						
			set TMW-7 @ 30' w/ ~~20'~~ 15' prepacked scrn						
			~~25' prepacked sand~~						
		*	Well came up w/ flowing sand to 23' bgs						
			Set well @ 23' bgs w/ 15' screen		No				
	VP-15	0-0.25	grass + topsoil set @ 12', 5' scrn		Samples				
		0.25-3	Brn m SAND sand @ 6'						
		3'-10'	Dark Grayish Brn m SAND bent @ 5'						
		10'-15'	waste from 3' - 10' (plastic, fabric)						
			Gry m SAND						

Notes:
ft. bgs.= Depth in feet below ground sur PID = Photo-ionization detector (readings in parts per million or ppr See attached USCS class descriptions
-- = No data or paramter not collected FID = Flame-ionization detector (readings in parts per million or ppm)

P4

SUMMARY OF GEOPROBE AUGER BORING

Driller: S&ME, Inc.
Logged By: Gerald Paul

S&ME

Project Name: Flemington Landfill
Task Order: 3056DP-5

DATE	BORING LOCATION	DEPTH (ft)	PROFILE DESCRIPTION	USCS CLASS	VISUAL/ODOR INDICATIONS OF CONTAMINATION	ORGANIC VAPOR READINGS (ppm)			SAMPLE TO LAB (Y/N)
						PID	FID	ft. bgs.	
10/29/12	VP-14	0-0.25	Grass + topsoil	SP	No	0.1		0-2.5	N
		0.25-10	Dk Brn m SAND, wet@8'9' set@8', 4' scrn			0.1		2.5-5.0	Yes ✓
			sand@ 2'			0.1		5.0-7.5	N
			bent@ 1'					—	
	BG-7	0-2.5	brown/grey med Sand	SP	No	1.0		0-2.5	No
		2.5-5.0	brown med Sand			2.1		2.5-5.0	Yes ✓
		5.0-6.0	brown med Sand			1.2		5.0-7.5	No
			wet @ 6' bgs						
	BG-6	0-2.5	lt tan/grey Sand	SP	No	0.1		0-2.5	No
		2.5-5.0	Lt brown med Sand			0.2		2.5-5.0	Yes ✓
		5.0-7.5	brown med Sand			0.1		5.0-7.5	No
		7.5-10	tan med Sand			0.4		7.5-10	No

Notes:
ft. bgs.= Depth in feet below ground sur PID = Photo-ionization detector (readings in parts per million or ppr See attached USCS class descriptions
-- = No data or paramter not collected FID = Flame-ionization detector (readings in parts per million or ppm)

S&ME

JOB NO.

SHEET NO.

DATE 10/25/12

JOB NAME Flemington Landfill

COMPUTED BY

SUBJECT

CHECKED BY

09:40 TMW-6

0 OH
1 Poorly graded sand (SP) lt. gray, moist, loose, ~90% fine sand (0-2.5') 1.9
2
3
4
5 Wet ▽ → @ Water table, no more cores collected Sample collected -2.5-5.0 2.4
6
7 NR
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30

Refusal @ 30' 15' screen TD = 30' bgs

S&ME

JOB NO.

SHEET NO.

DATE 10/25/12

JOB NAME Flemington

COMPUTED BY

SUBJECT

CHECKED BY

10:50 Set up on TMW-5 - Will attempt to set @ 50' bgs.

0 OH, very dark brown
1 Poorly graded sand (SP), gray, moist, loose
2 Color change to lt yellowish brown
3
4
5
6 Color change to med gray, some organics
7
8 Wet ▽
9
10
↓
42'

[redacted] 0-2.5 4.2

Sample collected from → 2.5-5.0 - 2.0
5.0-7.0 - 4.0

Refusal @ 42'

20' Screen 1 bent pole

DTW = 8.79 TOC
= 10.48 bgs

S&ME

JOB NO.

SHEET NO.

DATE 10/25/12

JOB NAME Flemington

COMPUTED BY

SUBJECT

CHECKED BY

11:45 Advancing vapor point VP-13

VP-13

0 OH Very dk brown
1 SP Poorly graded sand, lt gray, moist, loose
2
3 Color change to yellowish brown
4
5
6
7
8 As above
9
10 ▽

Set @ 6' bgs 1' screen ~~ben~~ sand to 4' bent to 2'

S&ME

JOB NO.

SHEET NO.

DATE 10/25/12

JOB NAME Flemington Landfill

COMPUTED BY

SUBJECT

CHECKED BY

Vapor Point VP-~~15~~12

0 Poorly graded sand (SP), dk yellowish brown

1

2

3

4

5 In trash @ 4' bgs

6 Color change to dk greenish gray

7

8

9

10 Out of trash @ 10'

11 Color change to dark gray

12 ~~Con~~

13

14 Set @ 12' bgs 5' screen (12'-7'), sand to 6' bgs (6'), bentonite

16 to 4' bgs (2')

S&ME

JOB NO.

SHEET NO.

DATE ~~10/12~~ 10/25/12

JOB NAME Flemington

COMPUTED BY

SUBJECT

CHECKED BY

15:21 Advancing TMW-4. Will attempt to set @ 40' bgs

0	Poorly graded sand, gray, moist, loose	[redacted]	[redacted]
1			
2			
3	Color change to very dark brown	0.-2.5	3.7
4			
5	Wet		
6			
7	Color change to dark yellowish brown — Collected Sample From →	2.5-5.0	2.9 ✓
8			
9		5.0-7.5	3.1
10			
11			
12	Color change to lt. yellowish brown	7.5-10	3.8
13			
14			
15		10-12.5	4.5
16	Dark brown ~6"		
17	▽ Lt yellowish brown		
18			
19			
20	End macrocore @ 20' bgs		
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			
35			
36			
37			
38	Drilled to 40' formation very hard - pulled well up w/		
39	Casing to 35' bgs. 15' screen (prepack) bentonite prepack,		
40	riser		

S&ME

JOB NO.

SHEET NO.

DATE 10/25/12

JOB NAME Flemington

COMPUTED BY

SUBJECT Vapor point installation

CHECKED BY

16:29 VP-10

0 Poorly graded sand, lt yellowish brown, moist, loose
1 Color change to gray
2
3 Color change to yellowish brown
4
5
6
7
8
9
10
11
12
13
14
15 Set @ 15' bgs 5' screen Sand to 9' bgs (15-9)
Bentonite to 7'

T-449
Against bldg

3006 Hall Waters Dr
Suite 100

S&ME

JOB NO.

SHEET NO.

DATE 10/26/12

JOB NAME Flemington

COMPUTED BY

SUBJECT

CHECKED BY

10:27 Advancing TMW-3. Moved point ~ 30' to avoid power line

0 Poorly graded sand (SP), lt gray, moist, loose (~6" recovery) 0.5
1 ~90% fine sand
2 Color change to yellowish brown
3 0 - 2.5
4 Collected Sample from → ~~2.5 - 5.0~~ 0.4 *
5 Color change to gray (Possible slough from above)
6 5.0 - 7.5 0.6
7 Color change to lt. yellowish brown
8
9 7.5 - 10 0.6
10 No recovery
11
12 10 - 12.5 —
13
14 Poorly graded sand (SP), lt yellowish brown, moist, loose,
15 ~90 fine sand 12.5 - 15 0.4
16 Macro-core refusal @ 15' bgs due to boring collapse
17
18
19
20
21
22
23
24
25
1
30

Refusal @ 50' bgs 20' prepack screen, bentonite seal, riser to surface

Hole collapsed, well materials pulled out w/ rods. Had to abandon hole. Will re-drill

S&ME

JOB NO.

SHEET NO.

DATE 10/26/12

JOB NAME Flemington

COMPUTED BY

SUBJECT

CHECKED BY

0800 Arrive site Prep for day
0915 Set up on VP-11.

0 OH Very dark brown
1 Poorly graded sand (SP), yellowish brown, moist, loose
2
3
4 Color change to dk greenish gray In waste @ 3'
5
6
7
8
9
10
11
12
13
14
15 Installed point @ 15' Sand to 8' bgs, Bentonite to 6' bgs

S&ME

JOB NO.

SHEET NO.

DATE 10/29/12

JOB NAME Flemington

COMPUTED BY

SUBJECT

CHECKED BY

DTW levels

Well	DTW (TOC)	DTW (logs)	TWD	Screen
TMW-2	10.42	7.50	55	20
TMW-1	10.04	9.41	50	20
TMW-8	2.90	1.81	39	20
TMW-7	8.14	6.30 → needs tubing	23	15
TMW-6	4.68	3.39	30	15
TMW-5	9.32	6.32	42	20
TMW-4	21.11	19.25	40	15
TMW-3	23.64	22.50	50	20

CL

S&ME

JOB NO.

SHEET NO.

DATE 10/29/12

JOB NAME Flemington Landfill

COMPUTED BY

SUBJECT

CHECKED BY

11:30 Re-install TMW-3. Set up @ top of hill

0
20 ↓ NR
21 Poorly graded sand (SP), lt yellowish brown, moist, loose
22
23
24
25 ▽
26 As above, gray
27
28
29
30
31
32
33
34
35
36
37
38
39 As above, saturated
40
41 Refusal @ 40' bgs
42
43
44
45
46
47
48
49
50 Refusal @ 50' Well pushed up to 49' bgs. 20' screen 1 bent. pack

DTW = 23.64 TOC
22.58 BGS

S&ME

JOB NO.

SHEET NO.

DATE 10/29/12

JOB NAME Flemington

COMPUTED BY

SUBJECT

CHECKED BY

15:00 VP-23

0 OH

1 Poorly graded sand (SP), yellowish brown, moist, loose

2

3

4

5 Color change to lt yellowish brown

6

7

8

9

10

11

12 As above

13

14

15 BOH @ 15' bgs 5' screen 10' riser
sand pack 15'-9' bgs bentonite 9'-7' bgs

VP-22

0 OH

1 Poorly graded sand (SP) dk yellowish brown, moist, loose

2

3

4

5

6 Color change to dk brown

7

8

9

10 Color change to medium gray

11

12

13

14

15 BOH @ 15' bgs
5' screen, 10' blank
sand 15'-9' bgs bentonite 9'-7' bgs

S&ME, Inc. Groundwater Sampling Form

10/30/12 Cold / Windy

Client:	DWM-IHSB	Task Order:	3056DP-5
Site Name:	Flemington Landfill		
Site Address:	205 Sutton Steam Plant Rd		

Wind Speed: mph Direction From:
Temperature °F Low: High:
Cloud Cover: 30 % Rain:

Well ID / Diameter	TMW-2		TMW-3		TMW-4		TMW-5		TMW-6	
Collection Order	1		2		3		7		8	
Total Well Depth (ft)	58.04 (3.04 stick up)		51.14 (2.14' stick up)		42.01 (2.01 stick up)		44.35 (2.35' stick up)		31.61' (1.61' stick up)	
Depth to Water (ft)	10.40 BTOC		23.60 BTOC		21.13 BTOC		8.55' BTOC		4.61 BTOC	
Water Column (ft)										
Well Volume (X3)										
Volume Purged (gal)										
Purge Time Interval	0948 - 1030		1045 - 1120		1200 - 1235		1620 - 1645		1655 - 1725	
pH	v1 6.67	v4 6.76	v1 7.13	v4 7.16	v1 7.20	v4 7.16	v1 6.32	v4 6.34	v1 6.80	v4 6.76
	v2 6.78	v5 6.82	v2 7.17	v5 7.17	v2 7.30	v5 7.15	v2 6.43	v5 6.33	v2 6.76	v5 6.73
	v3 6.75	v6 6.80	v3 7.17	v6 —	v3 7.23	v6 7.16/7.17	v3 6.32	v6 6.33	v3 6.76	v6 6.74
Temp. °C	v1 19.0	v4 19.9	v1 16.9	v4 15.9	v1 19.8	v4 21.2	v1 19.1	v4 19.7	v1 17.8	v4 18.2
	v2 19.2	v5 19.0	v2 16.2	v5 16.0	v2 19.9	v5 21.1	v2 18.5	v5 19.8	v2 18.0	v5 18.5
	v3 19.1	v6 19.1	v3 16.0	v6 —	v3 21.2	v6 21.2/21.1	v3 19.6	v6 19.4	v3 18.2	v6 18.5
Specific Conductivity (uS/cm)	v1 0.324	v4 0.338	v1 0.229	v4 0.198	v1 0.345	v4 0.269	v1 0.491	v4 0.495	v1 0.488	v4 0.405
	v2 0.335	v5 0.315	v2 0.206	v5 0.194	v2 0.265	v5 0.270	v2 0.498	v5 0.496	v2 0.472	v5 0.353
	v3 0.323	v6 0.314	v3 0.219	v6 —	v3 0.261	v6 0.268/0.269	v3 0.489	v6 0.503	v3 0.403	v6 0.358
Turbidty (NTU)	v1 30.0	v4 21.0	v1 36.0	v4 10.2	v1 2200	v4 84.2	v1 119	v4 19.6	v1 78.0	v4 33
	v2 46.0	v5 10.3	v2 23.4	v5 6.4	v2 1609	v5 62.1	v2 95	v5 12.5	v2 52.9	v5 4.1
	v3 28.0	v6 4.2	v3 11.1	v6 —	v3 277	v6 17.6/8.4	v3 26.8	v6 6.6	v3 48	v6 4.0
Purge Rate	In.	Fin.	In.	Fin.	In.	Fin.	In.	Fin.	In.	Fin.
Final Dissolved O_2	mg/L	°C	mg/L	°C	mg/L	°C	mg/L	°C	mg/L	°C
Well Condition	New temp well		New temp well		New temp well		New temp well		New temp well	
Date/Time Collected	10/30/12 1030 *		10/30/12 1120 *		1030/12 1235		10/30/12 1645		10/30/12 1725	
Field Calibration	Date/Time: 10/30/12 0930		Date/Time:		Date/Time:		Date/Time:		Date/Time:	
	pH 4.01 - 3.97		pH		pH		pH		pH	
	C SEE BELOW		C		C		C		C	
	DO		DO		DO		DO		DO	
	Tur.		Tur.		Tur.		Tur.		Tur.	
Preservative										
Sampler's Name:										

Comments: Ph 4.01 - 3.97, 7.0 - 7.03 } HANNA COMBO
Cond 1413 = 1428
0.0 - 0.1, 1.0 = 0.96, 10 = 10.55 } LAMotte 2020WI

Well Dia.(in)	Gal/ft
1.25	0.064
2	0.163
4	0.653
8	2.611
10	4.08

Well Vol. (gal.) = 3.141(dia.(ft)/2)^2 X Water Col. X 7.48 gal/ft^3

S&ME, Inc. Groundwater Sampling Form

10/30/12 Cont

Client:	DWM-IHSB	Task Order:	3056DP-5
Site Name:	Flemington Landfill		
Site Address:	205 SUTTON STEAM PLANT RD		

Wind Speed:	mph Direction From:
Temperature °F	Low: High:
Cloud Cover:	% Rain:

Well ID / Diameter	TMW-7		TMW-1		TMW-8/ Duplicate							
Collection Order	6		4		5		Equipment Blank					
Total Well Depth (ft)	32.56 (2.56 Stickup)		51 (1.0' Stickup)		40.29 (1.29 Stickup)		Sample					
Depth to Water (ft)	8.15 BTOC		10.07 BTOC		3.01 BTOC		1800 on tubing					
Water Column (ft)							+ gloves					
Well Volume (X3)												
Volume Purged (gal)												
Purge Time Interval	1540 – 1605		1400 – 1440		1500 – 1525							
pH	v1 6.42	v4 5.98	v1 6.23	v4 6.23	v1 6.19	v4 6.15	v1	v4	v1	v4		
	v2 5.93	v5 5.97	v2 6.21	v5 6.24	v2 6.17	v5 6.16	v2	v5	v2	v5		
	v3 5.98	v6 5.99	v3 6.25	v6 6.26	v3 6.15	v6 6.16	v3	v6	v3	v6		
Temp. °C	v1 19.9	v4 19.6	v1 20.6	v4 20.3	v1 20.0	v4 21.0	v1	v4	v1	v4		
	v2 20.0	v5 19.7	v2 20.2	v5 20.2	v2 20.2	v5 20.9	v2	v5	v2	v5		
	v3 19.7	v6 19.8	v3 20.3	v6 20.3	v3 20.9	v6 20.9	v3	v6	v3	v6		
Specific Conductivity (uS/cm)	v1 0.111	v4 0.108	v1 0.577	v4 0.479	v1 0.556	v4 0.509	v1	v4	v1	v4		
	v2 0.109	v5 0.108	v2 0.487	v5 0.494	v2 0.494	v5 0.509	v2	v5	v2	v5		
	v3 0.110	v6 0.107	v3 0.491	v6 0.494	v3 0.508	v6 0.509	v3	v6	v3	v6		
Turbidty (NTU)	v1 161	v4 17.9	v1 955	v4 34.5	v1 94.0	v4 10.0	v1	v4	v1	v4		
	v2 61	v5 12.1	v2 125	v5 12.0	v2 57.3	v5 6.5	v2	v5	v2	v5		
	v3 28	v6 7.3	v3 91.6	v6 3.1	v3 16.7	v6 4.7	v3	v6	v3	v6		
Purge Rate	In.	Fin.	In.	Fin.	In. 10.2	Fin.	In.	Fin.	In.	Fin.		
Final Dissolved O_2	mg/L	°C	mg/L	°C	mg/L	°C	mg/L	°C	mg/L	°C		
Well Condition	New temp well		New temp well		New Temp well							
Date/Time Collected	10/30/12 1605		10/30/12 1440		10/30/12 1525							
Field Calibration	Date/Time:		Date/Time:		Date/Time:		Date/Time:		Date/Time:			
	pH		pH		pH		pH		pH			
	C		C		C		C		C			
	DO		DO		DO		DO		DO			
	Tur.		Tur.		Tur.		Tur.		Tur.			
Preservative												
Sampler's Name:												

Comments:

*Collect Duplicate 10/30/12 from TMW-8

Well Dia.(in)	Gal/ft
1.25	0.064
2	0.163
4	0.653
8	2.611
10	4.08

Well Vol. (gal.) = 3.141(dia.(ft)/2)^2 X Water Col. X 7.48 gal/ft^3

Project Name: **Flemington Landfill**
NCDENR ID No: **NCD980503056**
Task Order: **3056DP-5**

Client:DWM-IHSB
S&ME Sampler Name:
Meter Name/Model: PID tiger
Landtec GEM 2000 Plus
Digi-sense Humidity Logger

Weather: Sunny / cold

Date: 10/31/12
Sample Location/Name: Gerald Paul / Alex culpepper

Sample Location/Name:	Time	VOCs		Methane		Carbon Dioxide	Oxygen	Hydrogen Sulfide	Mercury	Barometric Pressure	Temperature	Humidity	Wind Direction
ID	hr:min	parts-per-million-volume (ppm-v) or percent (%) where noted		Percent by Volume in Air (%)	Lower Explosive Limit (LEL) %	(percentage) %	(percentage) %	parts-per-billion-volume (~~ppm-v~~) (ppm/v)	milligrams per cubic meter (mg/m3)	inches mercury (inHg)	degrees celcius (~~°C~~) °F	percent	
		Photo-Ionization Detector (PID)	Flame-Ionization Detector (FID)										
BG-1	0830	0.0		0	0	0	21.5	0		29.67	47.2	56	West
BG-2	1005	0.0		0	0	0	21.5	0		29.72	52.2	50	W
BG-3	0950	0.0		0	0	0	20.9	0		29.68	51.0	52	W
BG-4	0849	0.0		0	0	0	21.5	0		29.68	51.2	53	W
VP-20	0852	0.2		0	0	5.5	15.7	0		29.68	51.4	53	W
VP-19	0857	0.0		0.2	3	0.8	20.6	0		29.68	52.3	54	W
VP-1	0902	0.2		53.7	>>>	38.0	0.0	20		29.68	55.5	53	W
VP-21	0912	2.3		0.1	1	0.2	21.5	0		29.68	51.4	53	W
VP-18	0917	0.9		0.2	2	11.5	11.0	0		29.68	52	53	W
VP-17	0925	0.6		2.2	42	7.9	13.5	0		29.68	53	53	W
VP-11	0931	0.9		37.9	>>>	31.5	2.0	6		29.68	53.4	52	
VP-15	0935	0.0		17.3	>>>	23.7	3.9	1		29.68	54	51	
Bump test	→											51	
VP-16	0945	0.1		0.5	10	19.6	1.0	0		29.68	54	51	
VP-14	0952	0.9		0.1	1	5.1	17.2	0		29.70	54.2	51	
VP-13	0959	0.8		0.0	0	0.6	21.0	0		29.70	54.6	51	
VP-12	1025	0.1		27.6	>>>	28	0.1	2		29.71	54.8	50	
VP-10	1032	2.4		0.0	1	2.3	18.0	0		29.70	55	49	
VP-23	1038	0.7		0.0	0	0.8	20.8	0		29.70	55.0	50	
VP-22	1045	0.8		0	0	9.7	12.8	0		29.70	54.8	50	

NOTES:

Equipment Calibration:

Meter	Date:	Time:	Initial
GEM 2000+	10/31/12	0800	CP

CH_4 = 50% = 50%
O_2 = 20.9% = 20.8%
CO_2 35% = 35% H2S 25 ppm = 25 ppm

* PID Ion Science tiger 0.0 = 0.0 100 = 98 ppm
* Quest Temp 34 14314

Project Name: **Flemington Landfill**
NCDENR ID No: **NCD980503056**
Task Order: **3056DP-5**

Client:DWM-IHSB
S&ME Sampler Name:
Meter Name/Model: PID Tiger
Landtec GEM 2000 Plus
Digi-sense Humidity Logger

Weather: Sunny cold

Date: 10/31/12
Sample Location/Name: Gerald Paul (Alex Culpepper

Sample Location/Name:	Time	VOCs		Methane		Carbon Dioxide	Oxygen	Hydrogen Sulfide	Mercury	Barometric Pressure	Temperature	Humidity	Wind Direction
ID	hr:min	parts-per-million-volume (ppm-v) or percent (%) where noted		Percent by Volume in Air (%)	Lower Explosive Limit (LEL) %	(percentage) %	(percentage) %	parts-per-billion-volume (ppb-v) (ppm-v)	milligrams per cubic meter (mg/m3)	inches mercury (inHg)	degrees celcius (°C)	percent	
		Photo-Ionization Detector (PID)	Flame-Ionization Detector (FID)										
VP-9	1110	0.6		34.7	>>>	32.6	0.0	0		29.71	54.6	45	W
VP-8	1115	0.0		45.6	>>>	15.0	2.1	1		29.71	54.6	45	W
VP-7	1245	0.0		29.8	>>>	22.8	0.1	1		29.71	56.9	43	WSW
VP-6	1253	0.2		63.1	>>>	36.8	0.0	28		29.70	57	43	WSW
VP-5	1308	0.4		44.3	>>>	31.2	0.2	20		29.70	57	43	WSW
VP-3	1053	0.6		2.6	52	20.7	0.1	0		29.71	54.2	46	W
VP-4	1102	0.0		3.2	64	20.0	0.0	0		29.71	54.6	46	W
VP-2	1300	0.2		55.9	>>>	40.7	0.1	6		29.70	57	43	WSW
BG-1	1320	0.0		0	0	0	20.7	0		29.68	58	43	WSW
BG-2	1330	0.0		0	0	0	20.6	0		29.69	58	43	WSW
BG-3	1340	0.0		0	0	0	20.6	0		29.69	60	39	WSW
BG-4	1350	0.0		0	0	0	20.7	0		29.68	60	39	WSW
Duplicate VP-6	1415	0.8		64.1	>>>	35.2	0.0	4		29.68	61	39	WSW

NOTES:

Equipment Calibration: Meter Date: Time: Initial

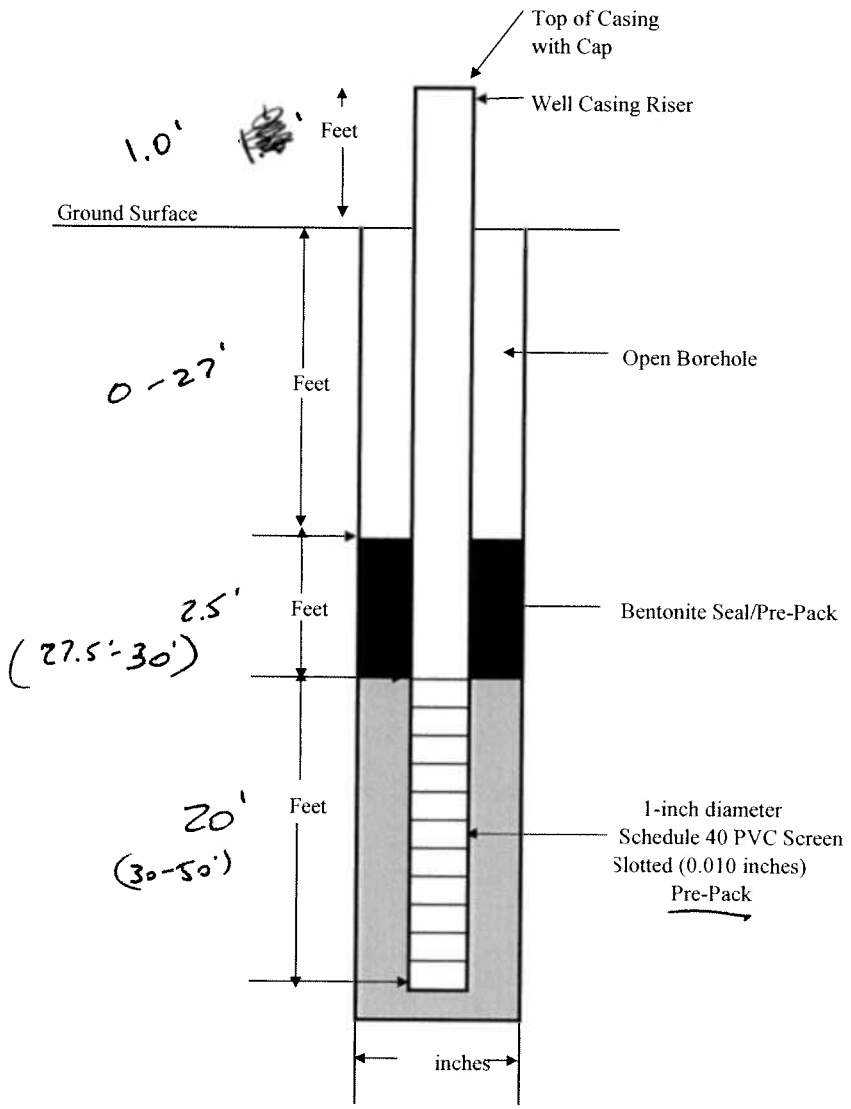
MONITOR WELL CONSTRUCTION DETAIL
TEMPORARY STICK UP MONITOR WELL

DRILLED BY: S&ME Inc.
LOGGED BY: ~~G. Paul~~ C. Elliot
DATE INSTALLED: 10/23/12

SITE: Flemington Landfill
TASK ORDER: 3056DP-5

WELL ID: TMW-1

TWD = 50' bgs



DTW = 10.04
(TOC)

DEPTH TO WATER BTOC: 10.04 (10/29/12)
METHOD WELL DEVELOPED: Peristaltic pump and tubing
DEVELOPED BY: _____

GALLONS PURGED: _____
(10' X 1.0"dia = 0.4 gal)

WATER QUALITY @ END OF PURGE:
Temperature (F) _____ pH _____ Visual: clear / turbid
Turbidity (NTU) _____ Cond (uS/cm) _____ Color: _____

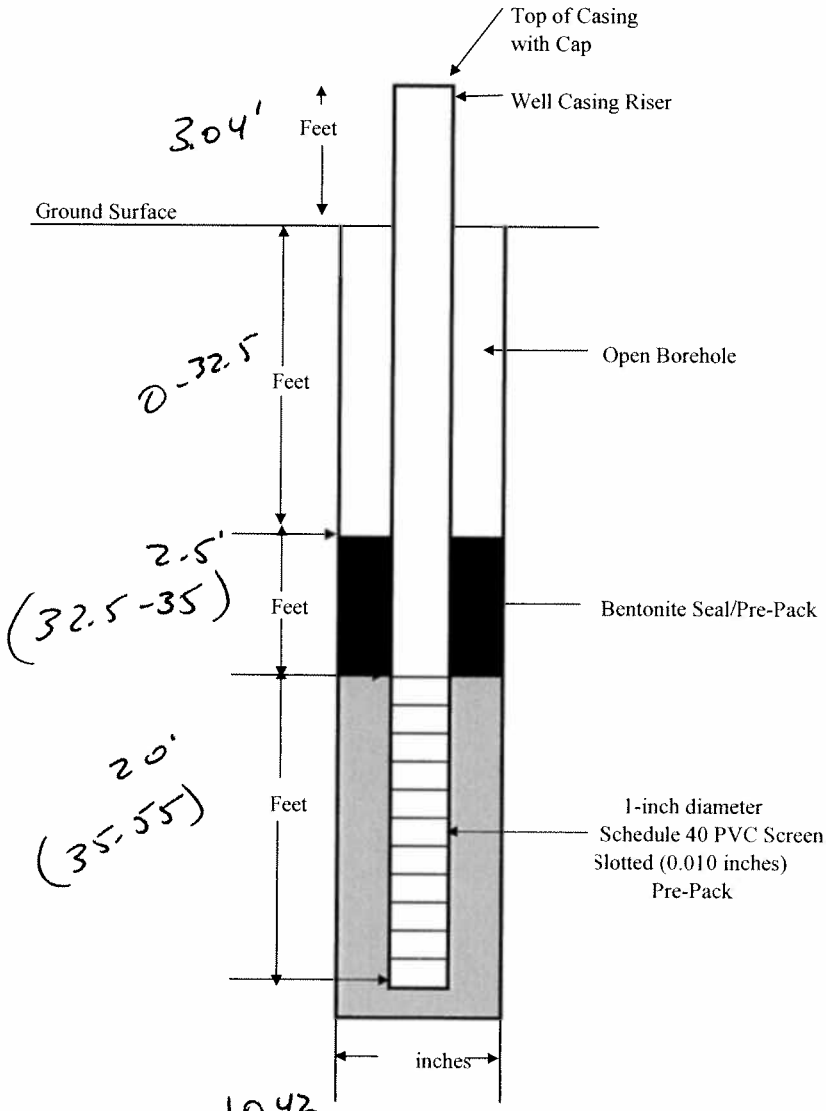
MONITOR WELL CONSTRUCTION DETAIL
TEMPORARY STICK UP MONITOR WELL

DRILLED BY: S&ME Inc.
LOGGED BY: G. Paul
DATE INSTALLED: 10/22/12

SITE: Flemington Landfill
TASK ORDER: 3056DP-5

WELL ID: TMW-2

TWD. 55' bgs



DTW BTOC = 7.50

DEPTH TO WATER BTOC: 10.42 (10/29/12)

METHOD WELL DEVELOPED: Peristaltic pump and tubing

DEVELOPED BY: _____

GALLONS PURGED: _____

WATER QUALITY @ END OF PURGE: (10' X 1.0"dia = 0.4 gal)

Temperature (F) _____ pH _____ Visual: clear / turbid

Turbidity (NTU) _____ Cond (uS/cm) _____ Color: _____

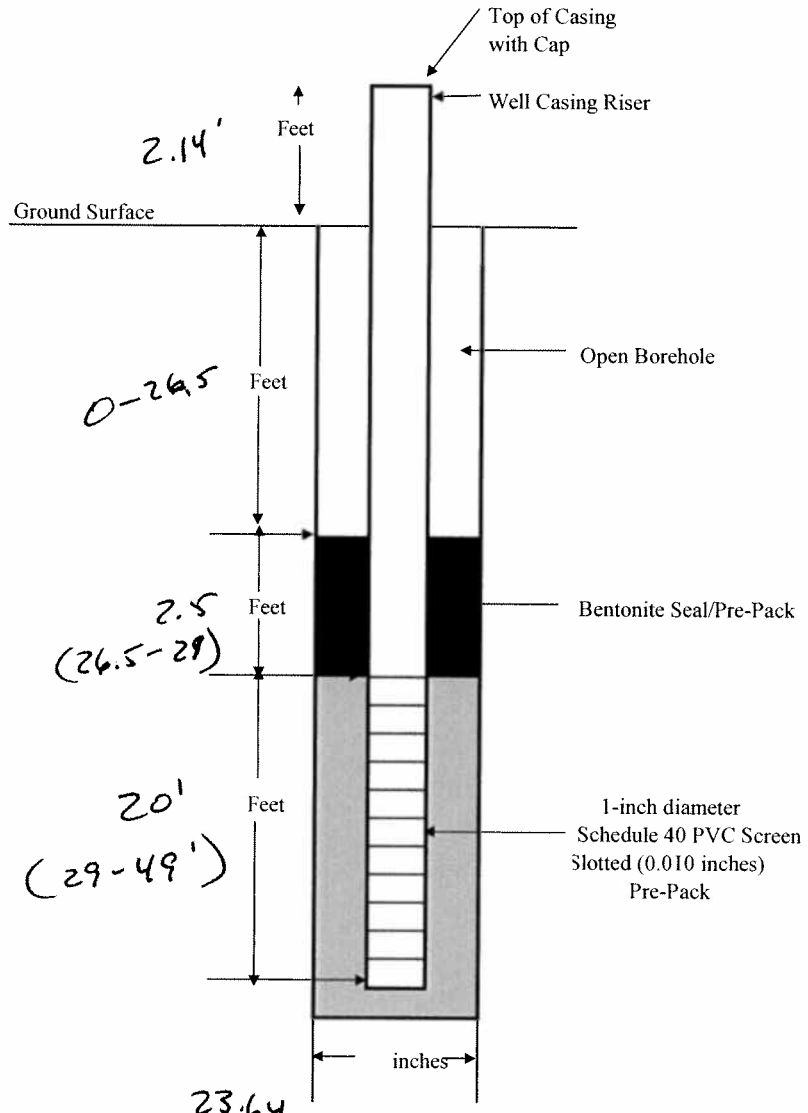
MONITOR WELL CONSTRUCTION DETAIL
TEMPORARY STICK UP MONITOR WELL

DRILLED BY: S&ME Inc.
LOGGED BY: ~~G. Paul~~ C. Elliot
DATE INSTALLED: 10/29/12

SITE: Flemington Landfill
TASK ORDER: 3056DP-5

WELL ID: TMW-3

TWD = ~~50~~ 49' bgs



DEPTH TO WATER BTOC: 23.64 (10/29/12)

METHOD WELL DEVELOPED: Peristaltic pump and tubing

DEVELOPED BY: _____

GALLONS PURGED: _____

(10' X 1.0"dia = 0.4 gal)

WATER QUALITY @ END OF PURGE:

Temperature (F) _____ pH _____ Visual: clear / turbid

Turbidity (NTU) _____ Cond (uS/cm) _____ Color: _____

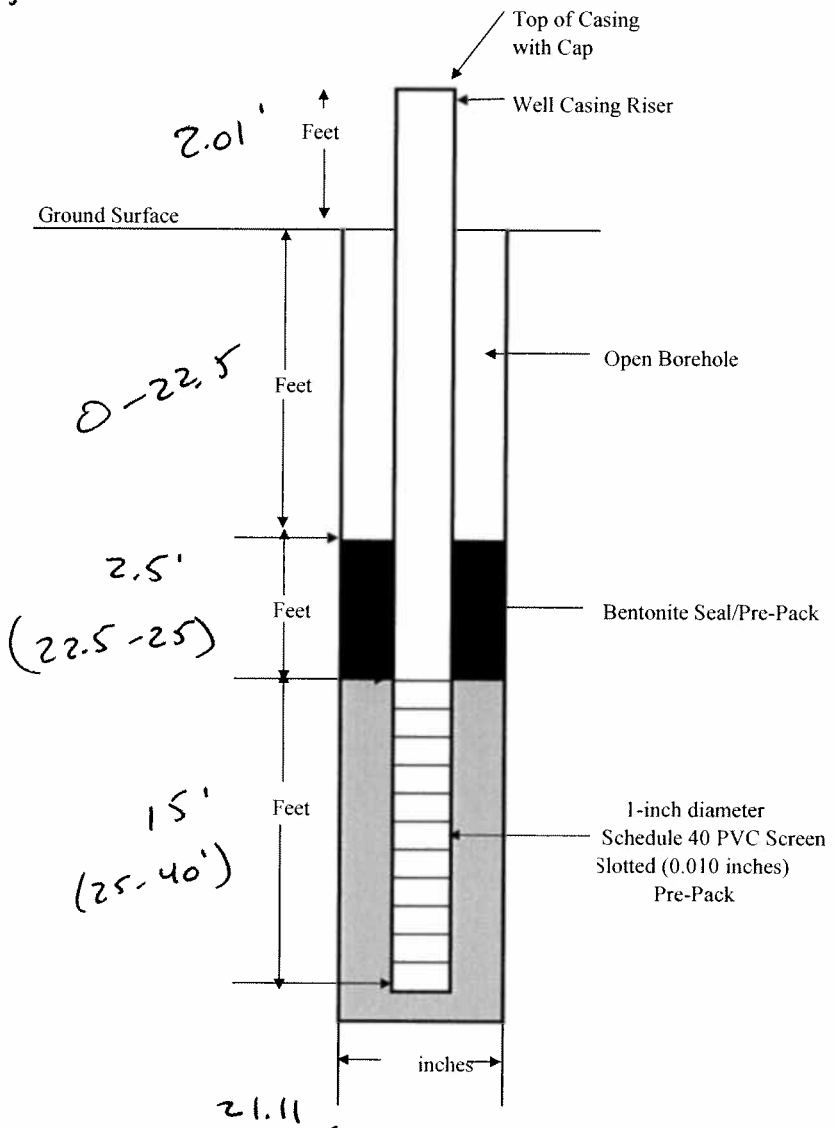
MONITOR WELL CONSTRUCTION DETAIL
TEMPORARY STICK UP MONITOR WELL

DRILLED BY: S&ME Inc.
LOGGED BY: ~~G. Paul~~ C. Elliot
DATE INSTALLED: 10/25/12

SITE: Flemington Landfill
TASK ORDER: 3056DP-5

WELL ID: TMW-4

TWD = 40' bgs



DEPTH TO WATER BTOC: 21.11 [redacted] 10/29/12

METHOD WELL DEVELOPED: Peristaltic pump and tubing

DEVELOPED BY: _____

GALLONS PURGED: _____

WATER QUALITY @ END OF PURGE: (10' X 1.0"dia = 0.4 gal)

Temperature (F) _____ pH _____ Visual: clear / turbid

Turbidity (NTU) _____ Cond (uS/cm) _____ Color: _____

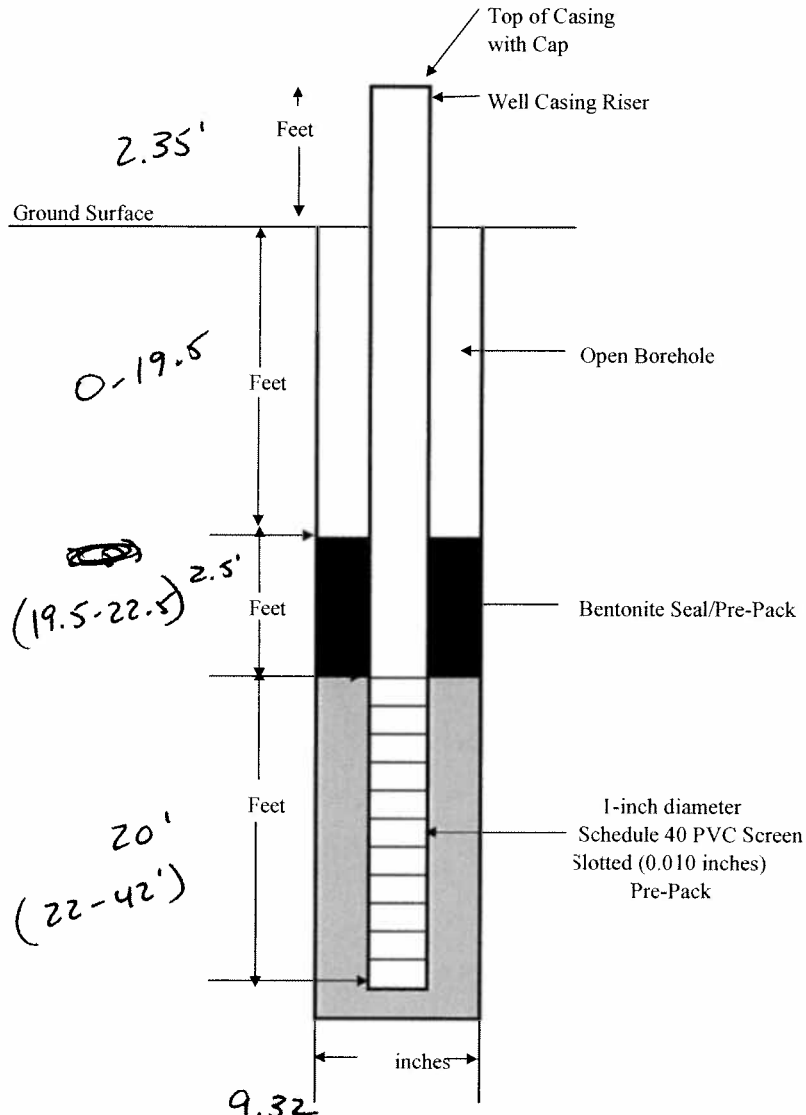
MONITOR WELL CONSTRUCTION DETAIL
TEMPORARY STICK UP MONITOR WELL

DRILLED BY: S&ME Inc.
LOGGED BY: ~~G. Paul~~ C. Elliot
DATE INSTALLED: 10/25/12

SITE: Flemington Landfill
TASK ORDER: 3056DP-5

WELL ID: TMW-5

TWD= 42



DEPTH TO WATER BTOC: 9.32 (10/29/12)

METHOD WELL DEVELOPED: Peristaltic pump and tubing

DEVELOPED BY: _____

GALLONS PURGED: _____

(10' X 1.0"dia = 0.4 gal)

WATER QUALITY @ END OF PURGE:

Temperature (F) _____ pH _____ Visual: clear / turbid

Turbidity (NTU) _____ Cond (uS/cm) _____ Color: _____

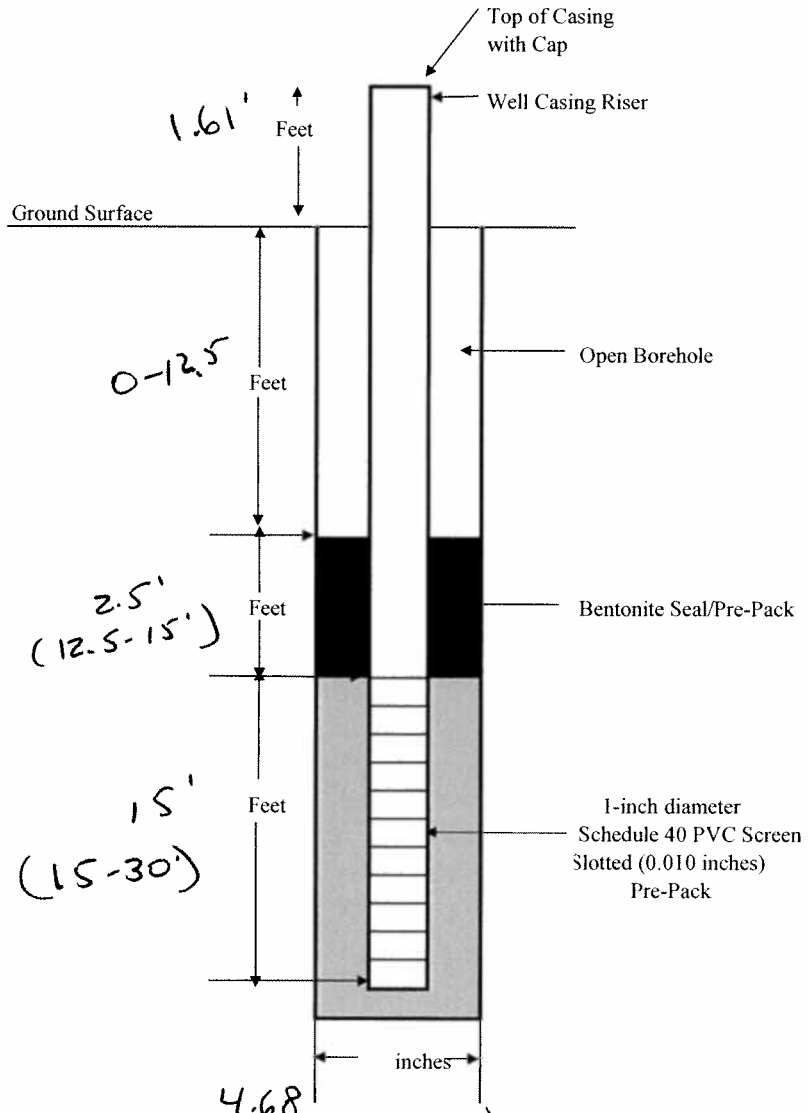
MONITOR WELL CONSTRUCTION DETAIL
TEMPORARY STICK UP MONITOR WELL

DRILLED BY: S&ME Inc.
LOGGED BY: ~~G. Paul~~ C. Elliot
DATE INSTALLED: 10/25/12

SITE: Flemington Landfill
TASK ORDER: 3056DP-5

WELL ID: TMW-6

TWD = 30' bgs



DEPTH TO WATER BTOC: ~~3.39~~ 4.68 (10/29/12)

METHOD WELL DEVELOPED: Peristaltic pump and tubing

DEVELOPED BY: _____

GALLONS PURGED: _____

WATER QUALITY @ END OF PURGE: (10' X 1.0"dia = 0.4 gal)

Temperature (F) _____ pH _____ Visual: clear / turbid

Turbidity (NTU) _____ Cond (uS/cm) _____ Color: _____

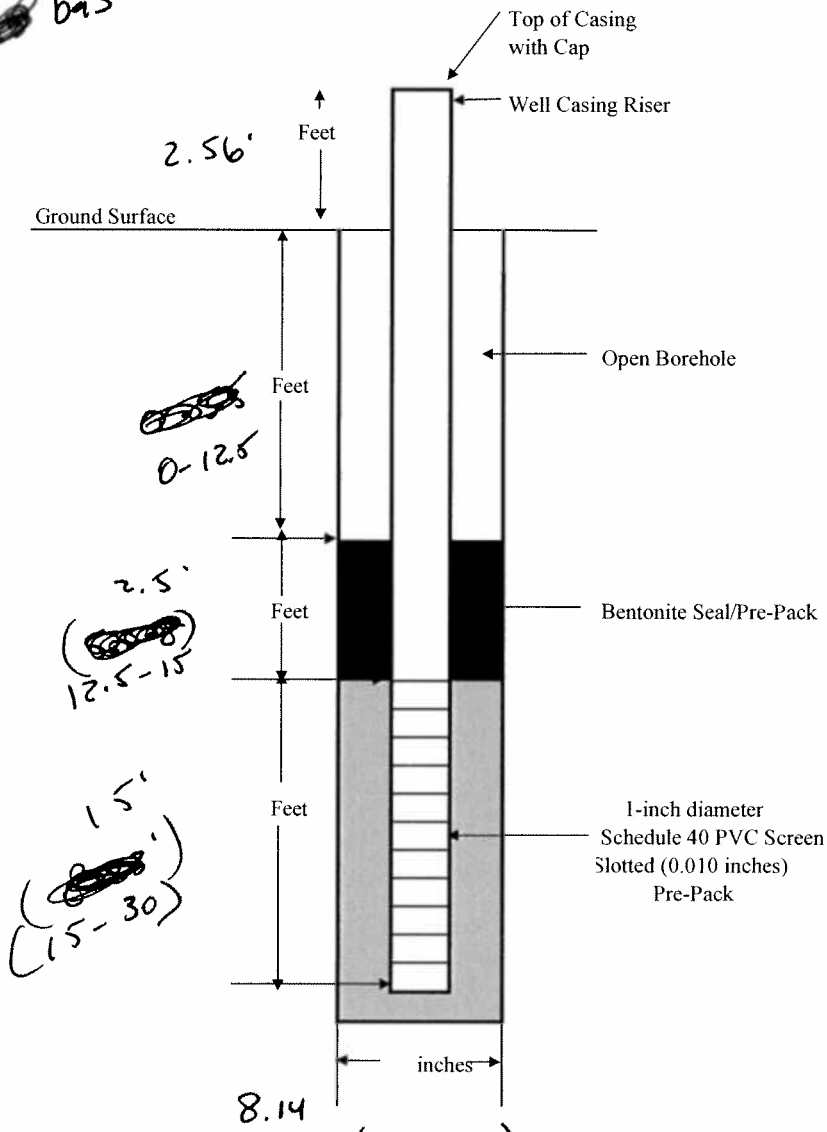
MONITOR WELL CONSTRUCTION DETAIL
TEMPORARY STICK UP MONITOR WELL

DRILLED BY: S&ME Inc.
LOGGED BY: ~~G. Paul~~ S. Young
DATE INSTALLED: 10/24/12

SITE: Flemington Landfill
TASK ORDER: 3056DP-5

WELL ID: TMW-7

TWD= 30' bgs



DEPTH TO WATER BTOC: _____ (10/29/12)

METHOD WELL DEVELOPED: Peristaltic pump and tubing

DEVELOPED BY: _____

GALLONS PURGED: _____

WATER QUALITY @ END OF PURGE: (10' X 1.0"dia = 0.4 gal)

Temperature (F) _____ pH _____ Visual: clear / turbid

Turbidity (NTU) _____ Cond (uS/cm) _____ Color: _____

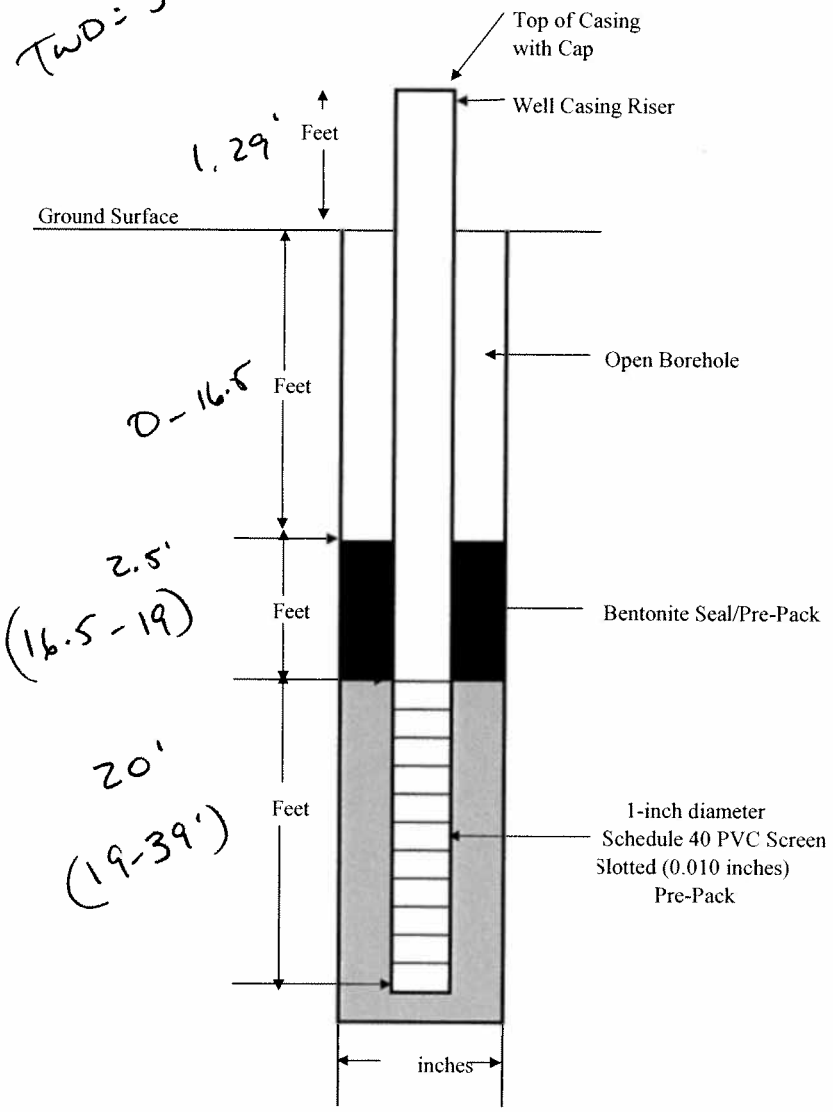
MONITOR WELL CONSTRUCTION DETAIL
TEMPORARY STICK UP MONITOR WELL

DRILLED BY: S&ME Inc.
LOGGED BY: ~~G. Paul~~ S. Young
DATE INSTALLED: 10/24/12

SITE: Flemington Landfill
TASK ORDER: 3056DP-5

WELL ID: TMW-8

TWD: 39'
TWD: 39' bgs



DEPTH TO WATER BTOC: 2.90' BTOC (10/29/12)
METHOD WELL DEVELOPED: Peristaltic pump and tubing
DEVELOPED BY: _____

GALLONS PURGED: _____
(10' X 1.0"dia = 0.4 gal)

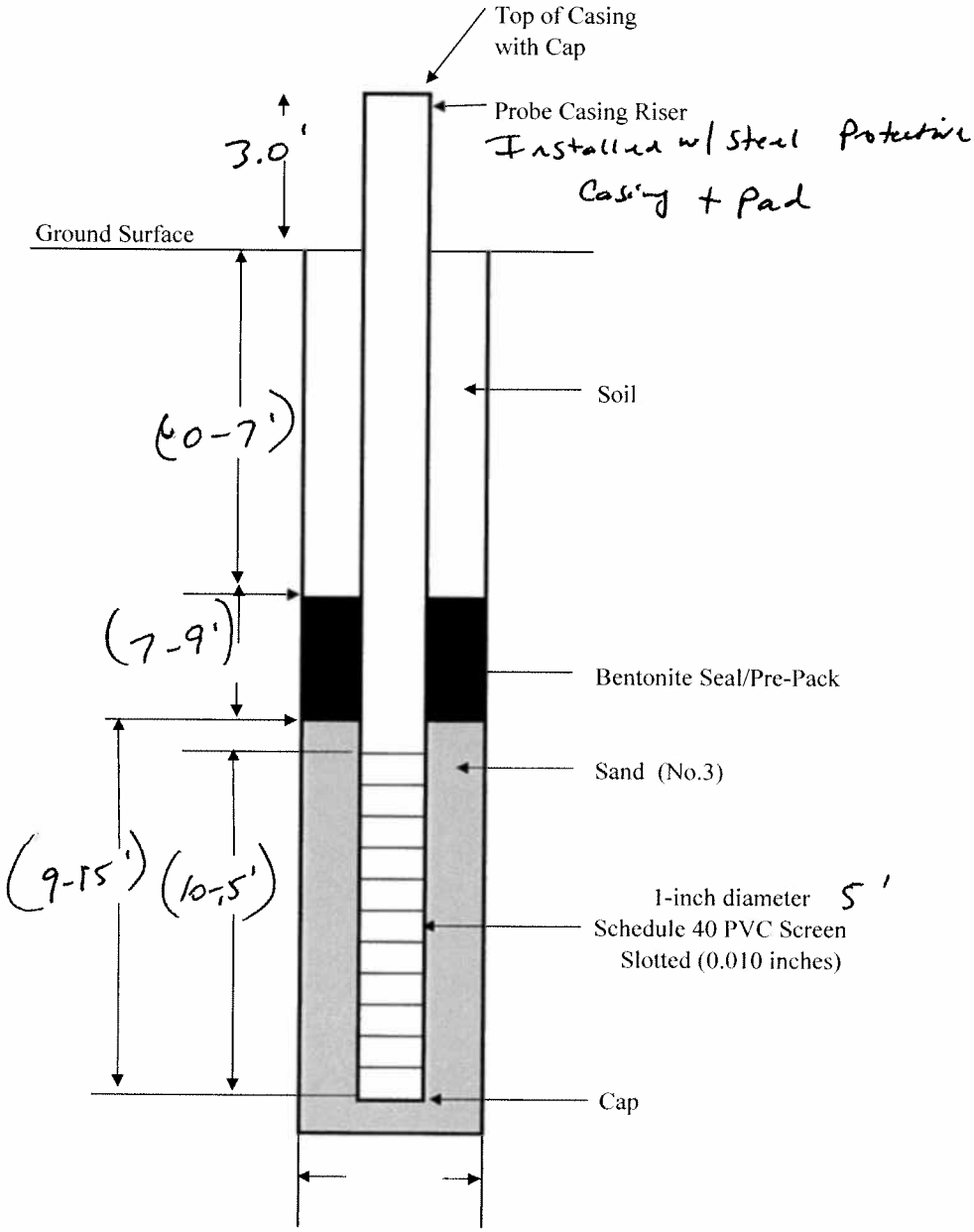
WATER QUALITY @ END OF PURGE:
Temperature (F) _____ pH _____ Visual: clear / turbid
Turbidity (NTU) _____ Cond (uS/cm) _____ Color: _____

LANDFILL GAS PROBE CONSTRUCTION DETAIL

DRILLED BY: S&ME Inc.
LOGGED BY: ~~G. Paul~~ C. Elliot
DATE INSTALLED: 10/25/12

SITE: Flemington Landfill
TASK ORDER: 3056DP-5

WELL ID: VP-10



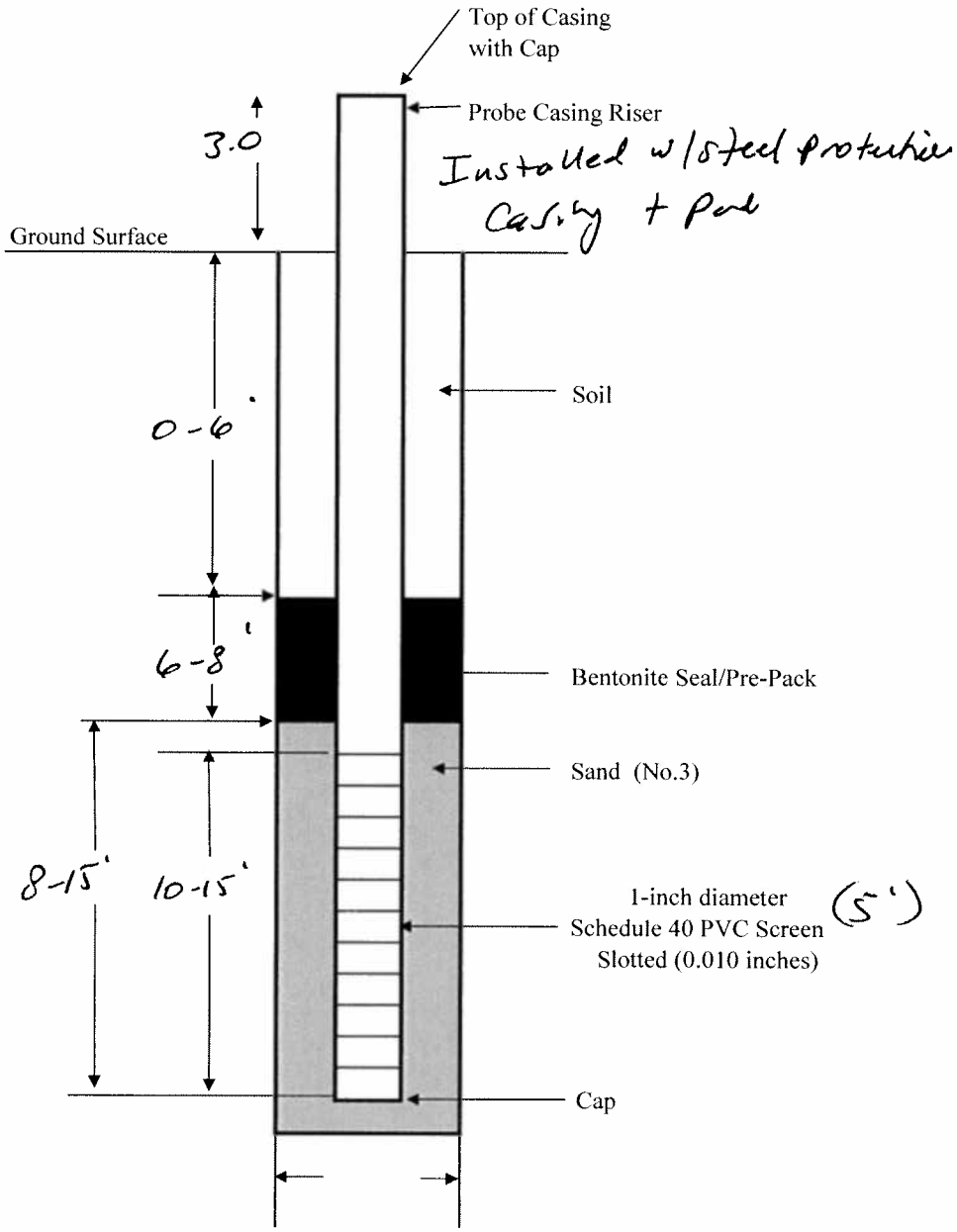
DEPTH TO WATER BELOW GROUND SURFACE: 7.15'

LANDFILL GAS PROBE CONSTRUCTION DETAIL

DRILLED BY: S&ME Inc.
LOGGED BY: ~~G Paul~~ C. Elliott
DATE INSTALLED: 10/26/12

SITE: Flemington Landfill
TASK ORDER: 3056DP-5

WELL ID: VP-11



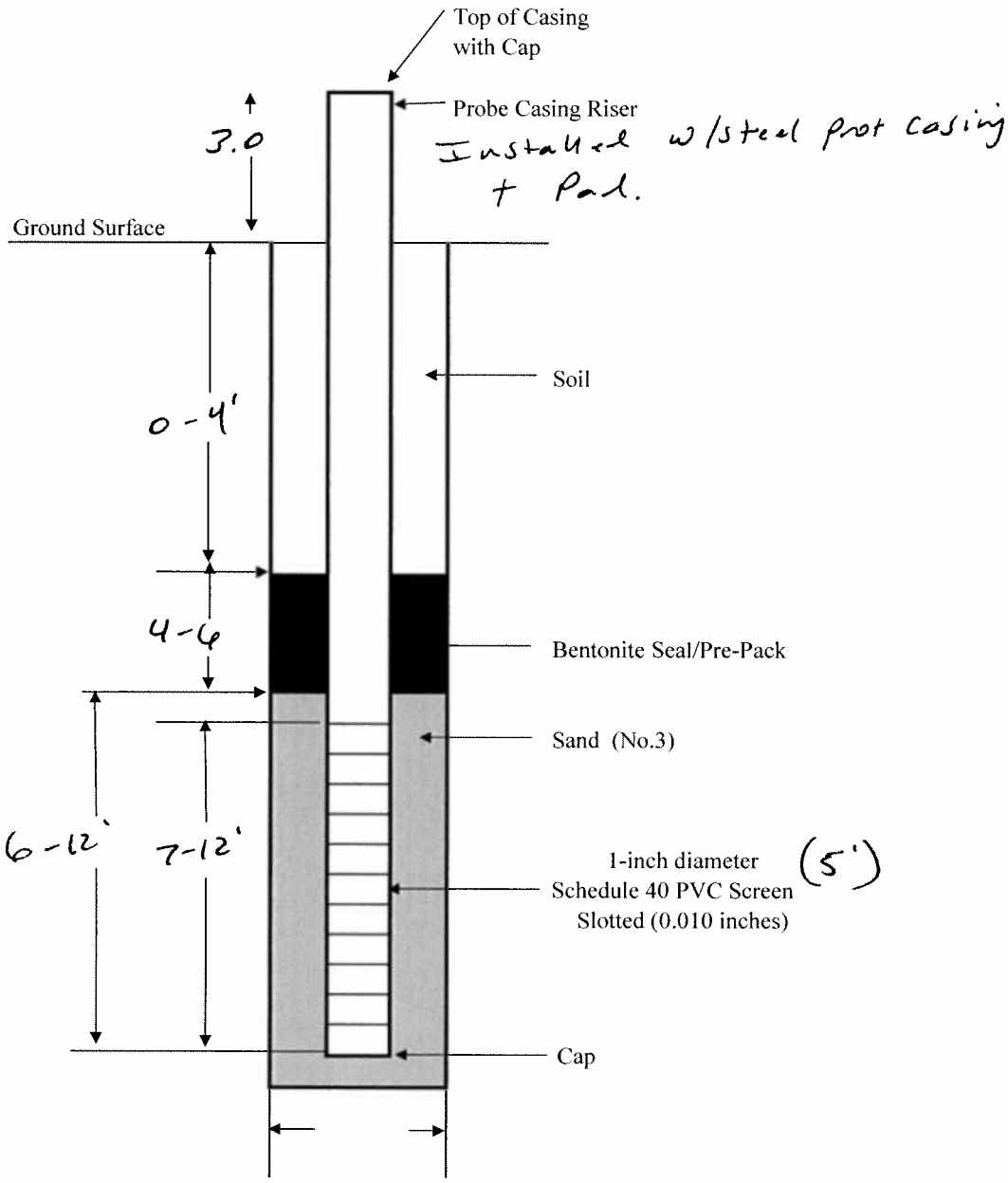
DEPTH TO WATER BELOW GROUND SURFACE: >15'

LANDFILL GAS PROBE CONSTRUCTION DETAIL

DRILLED BY: S&ME Inc.
LOGGED BY: ~~G Paul~~ C. Elliot
DATE INSTALLED: 10/25/12

SITE: Flemington Landfill
TASK ORDER: 3056DP-5

WELL ID: VP-12



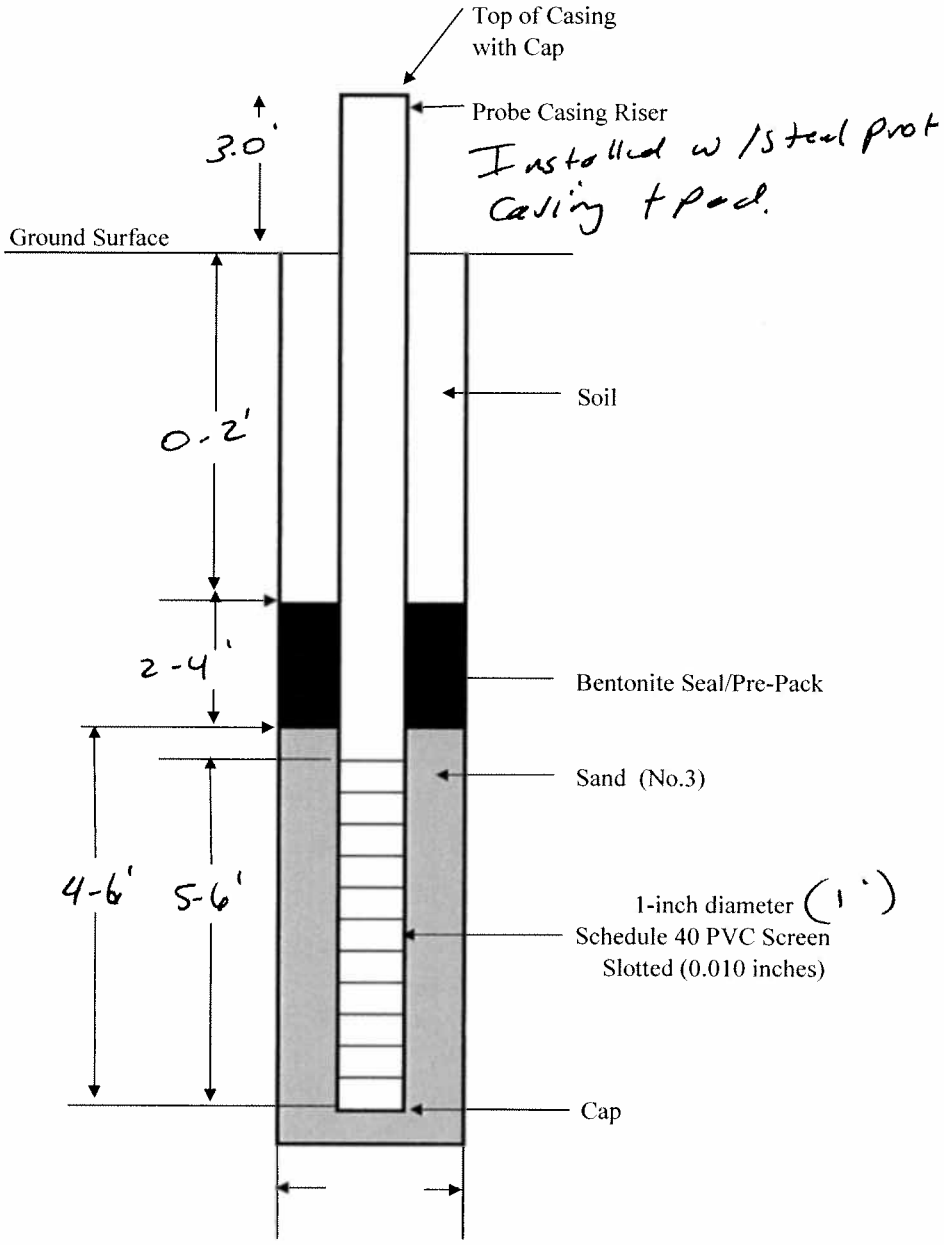
DEPTH TO WATER BELOW GROUND SURFACE: >15' bg

LANDFILL GAS PROBE CONSTRUCTION DETAIL

DRILLED BY: S&ME Inc.
LOGGED BY: ~~G. Paul~~ C. Elliot
DATE INSTALLED: 10/25/12

SITE: Flemington Landfill
TASK ORDER: 3056DP-5

WELL ID: VP-13



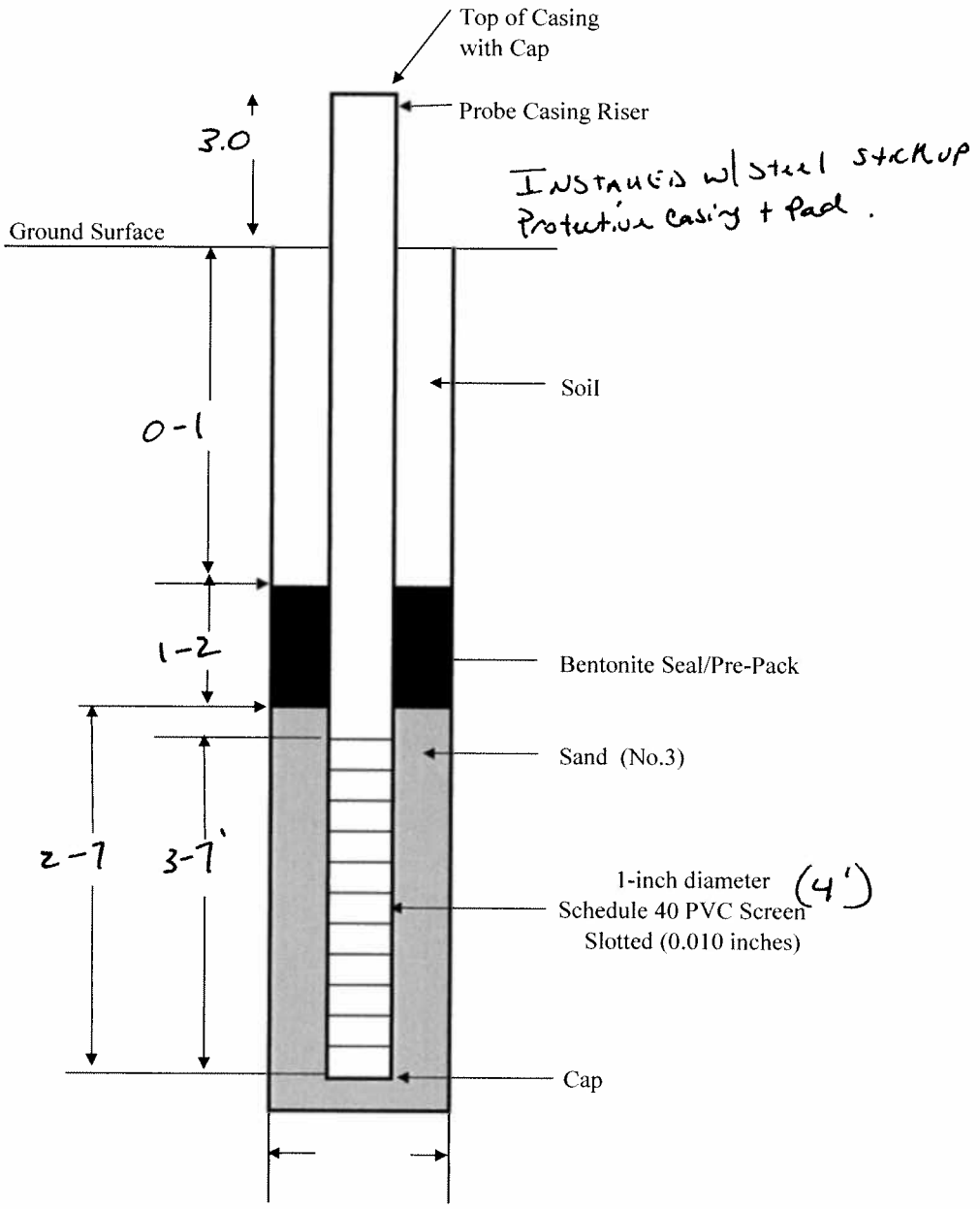
DEPTH TO WATER BELOW GROUND SURFACE: 10' bgs

LANDFILL GAS PROBE CONSTRUCTION DETAIL

DRILLED BY: S&ME Inc.
LOGGED BY: G. Paul
DATE INSTALLED: 10/24/12

SITE: Flemington Landfill
TASK ORDER: 3056DP-5

WELL ID: VP-14



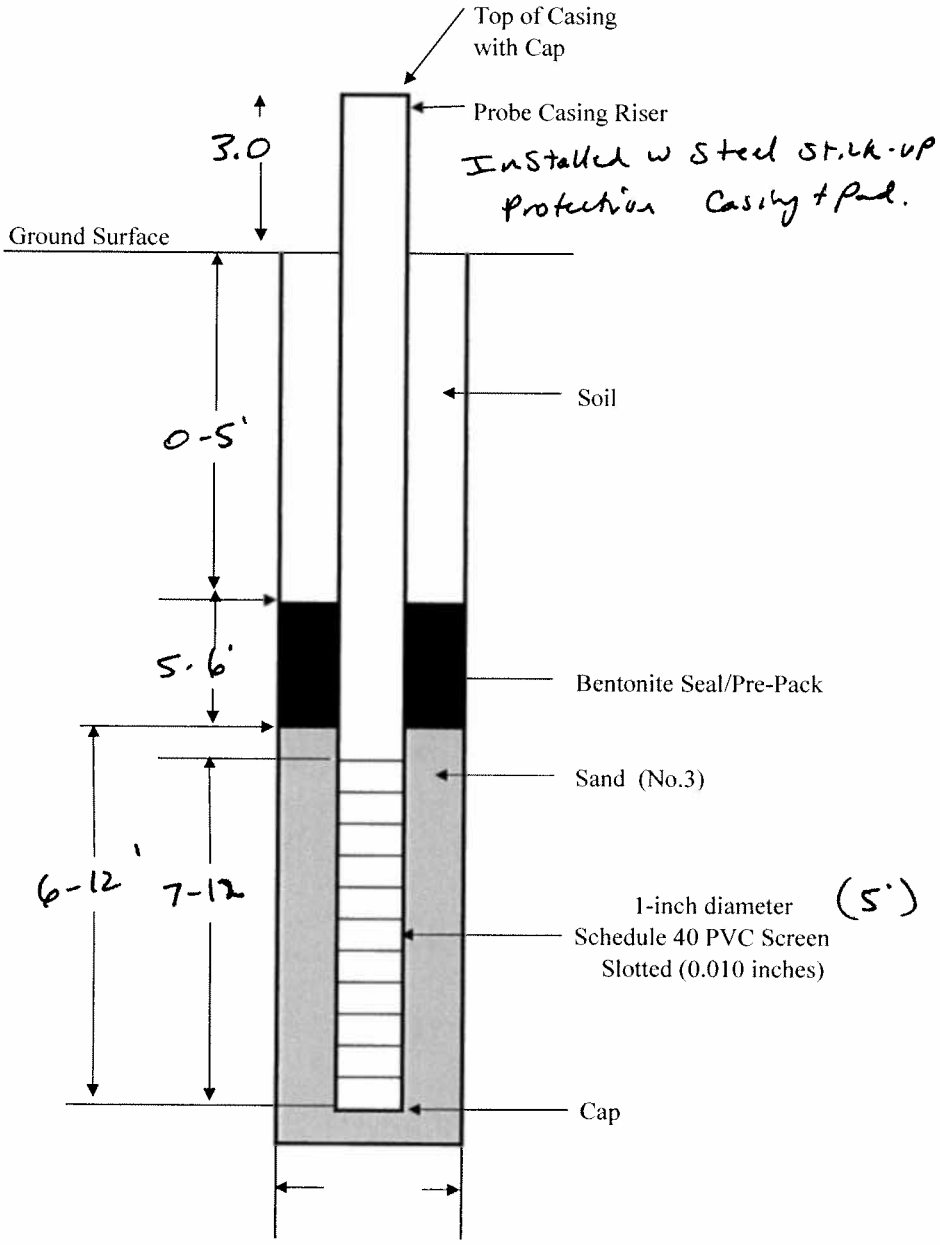
DEPTH TO WATER BELOW GROUND SURFACE: > 9' bgs

LANDFILL GAS PROBE CONSTRUCTION DETAIL

DRILLED BY: S&ME Inc.
LOGGED BY: G. Paul
DATE INSTALLED: 10/24/12

SITE: Flemington Landfill
TASK ORDER: 3056DP-5

WELL ID: VP-15



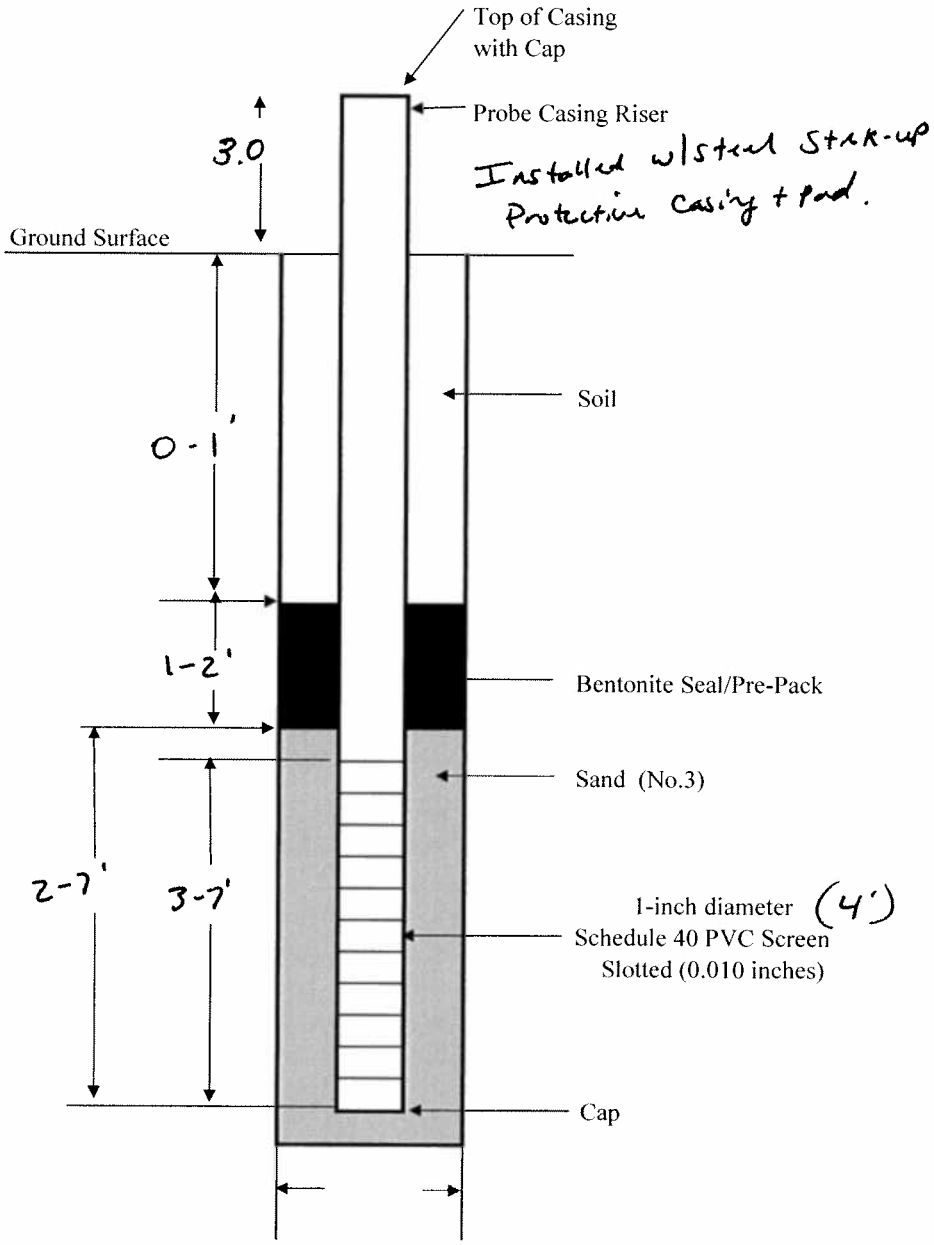
DEPTH TO WATER BELOW GROUND SURFACE: > 14' bgs

LANDFILL GAS PROBE CONSTRUCTION DETAIL

DRILLED BY: S&ME Inc.
LOGGED BY: G. Paul
DATE INSTALLED: 10/24/12

SITE: Flemington Landfill
TASK ORDER: 3056DP-5

WELL ID: Vp-16



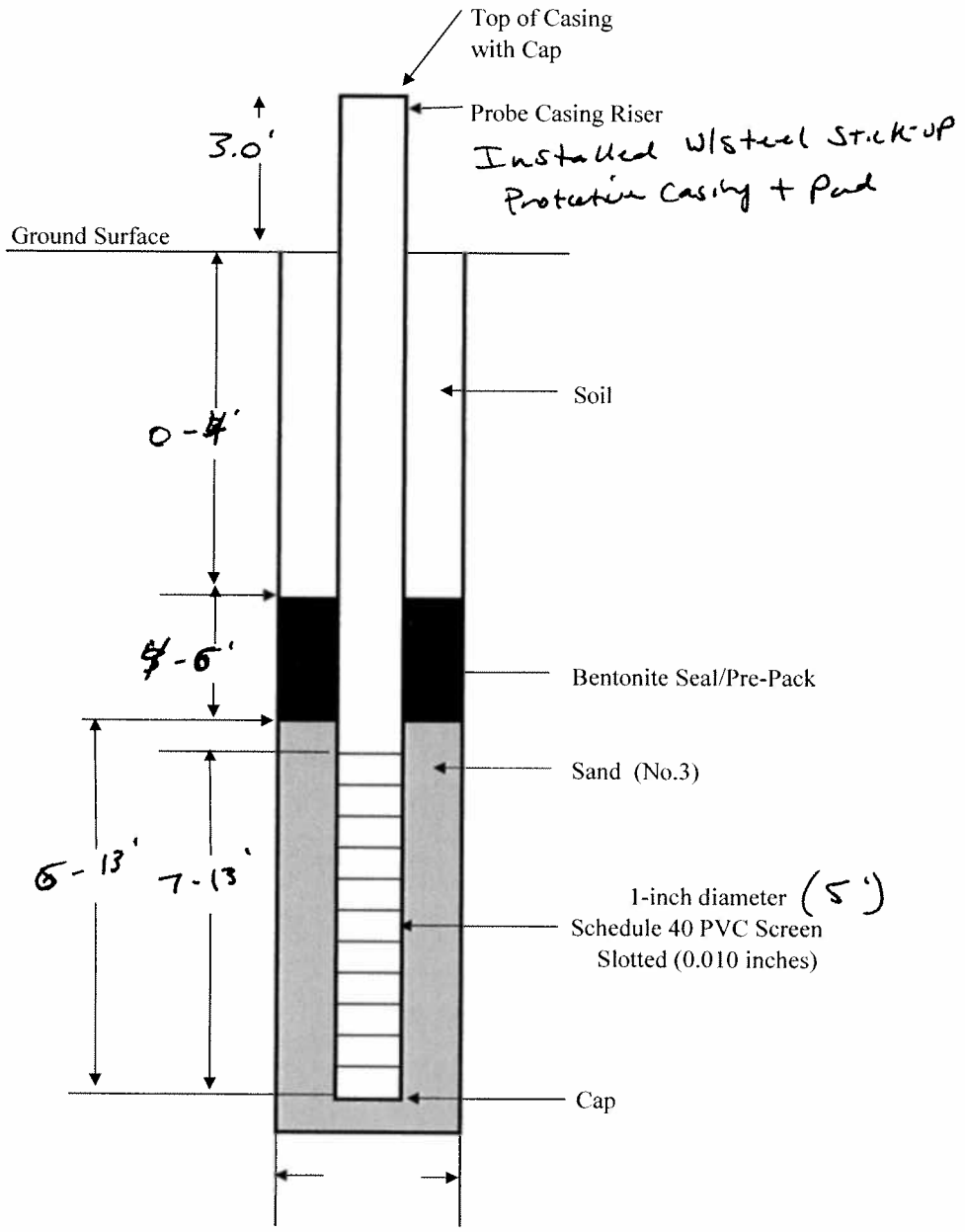
DEPTH TO WATER BELOW GROUND SURFACE: >9' bgs

LANDFILL GAS PROBE CONSTRUCTION DETAIL

DRILLED BY: S&ME Inc.
LOGGED BY: G. Paul
DATE INSTALLED: 10/24/12

SITE: Flemington Landfill
TASK ORDER: 3056DP-5

WELL ID: VP-17



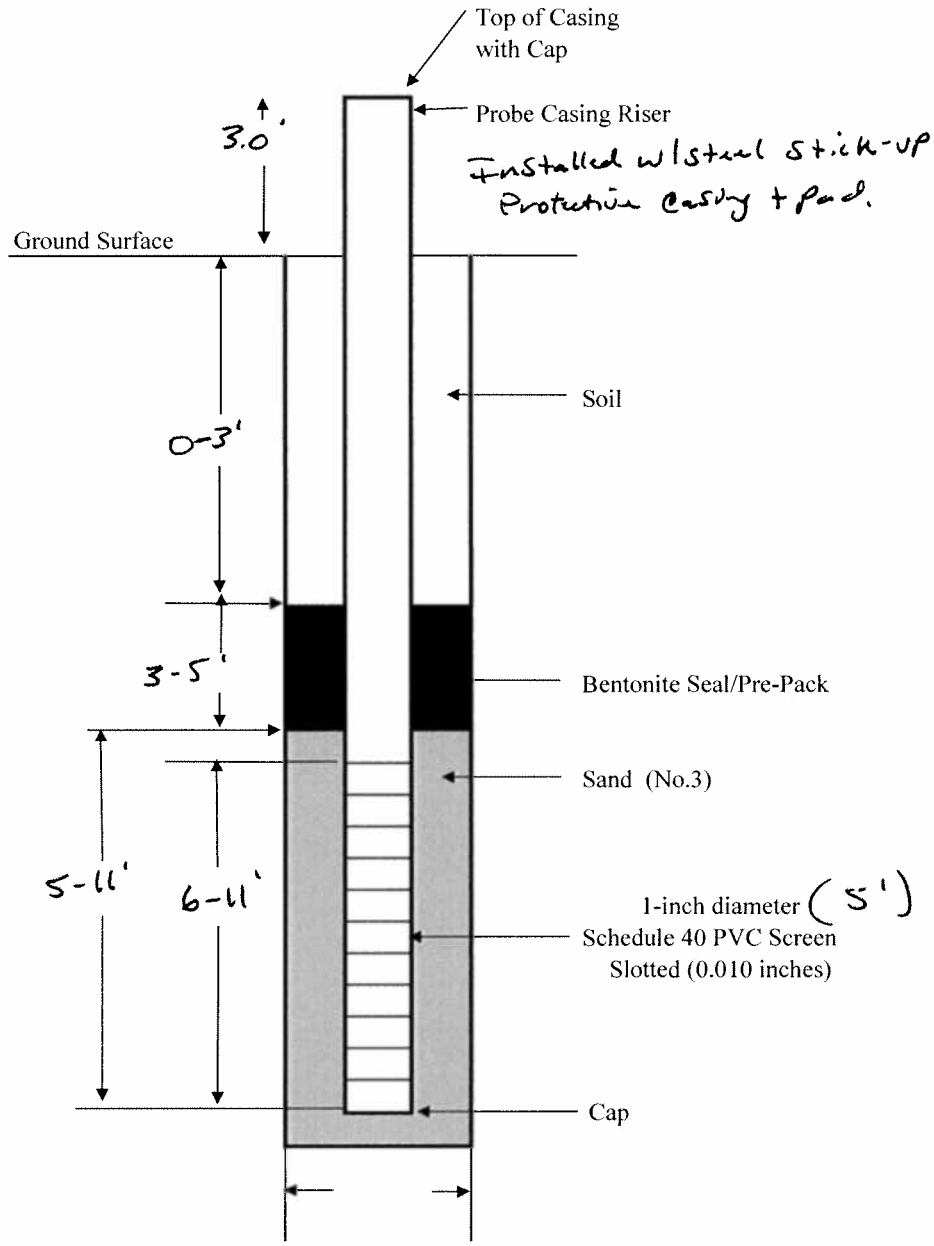
DEPTH TO WATER BELOW GROUND SURFACE: >15' bgs

LANDFILL GAS PROBE CONSTRUCTION DETAIL

DRILLED BY: S&ME Inc.
LOGGED BY: G. Paul
DATE INSTALLED: 10/23/12

SITE: Flemington Landfill
TASK ORDER: 3056DP-5

WELL ID: VP-18



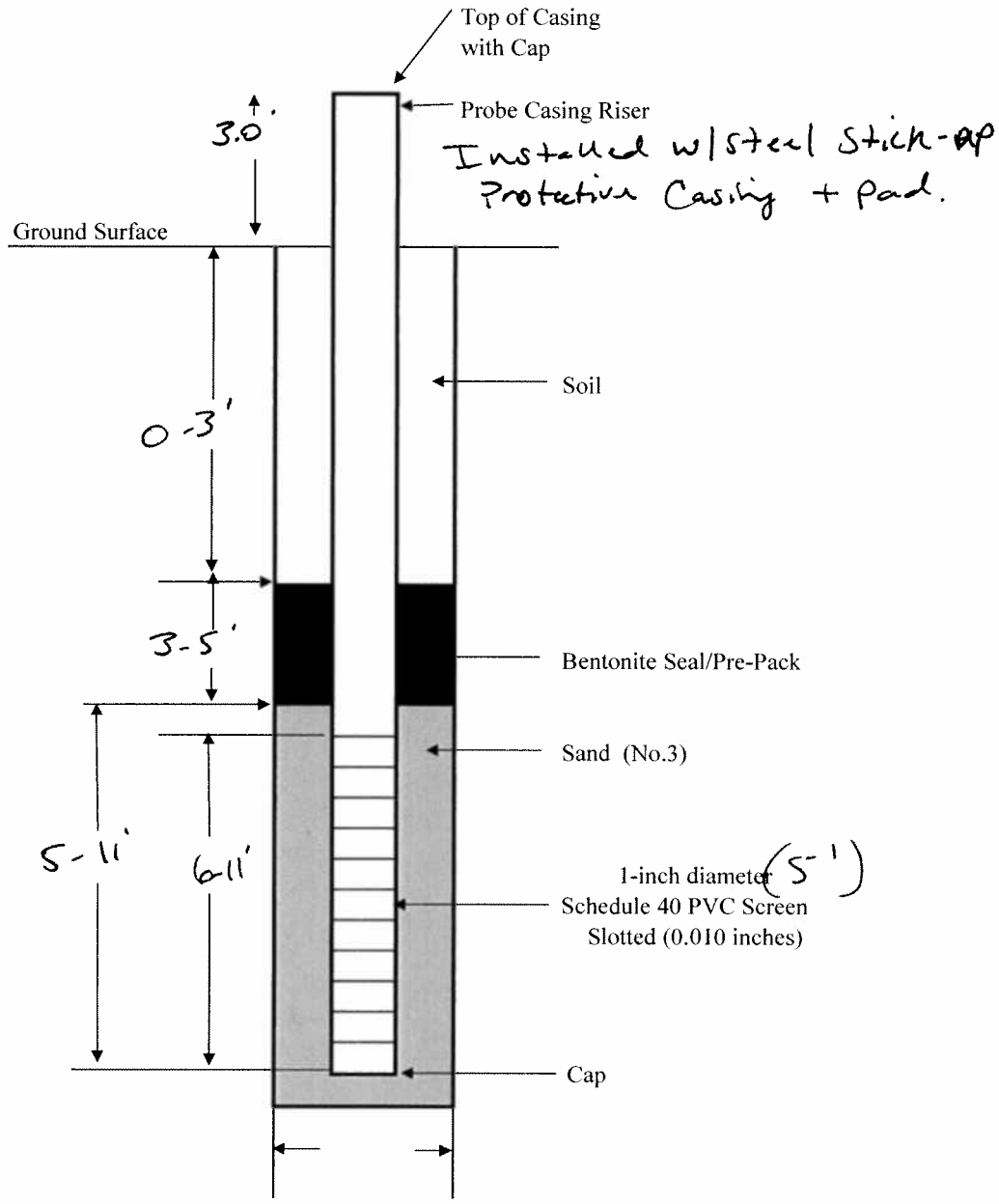
DEPTH TO WATER BELOW GROUND SURFACE: >15' bgs

LANDFILL GAS PROBE CONSTRUCTION DETAIL

DRILLED BY: S&ME Inc.
LOGGED BY: G. Paul
DATE INSTALLED: 10/23/12

SITE: Flemington Landfill
TASK ORDER: 3056DP-5

WELL ID: VP-19



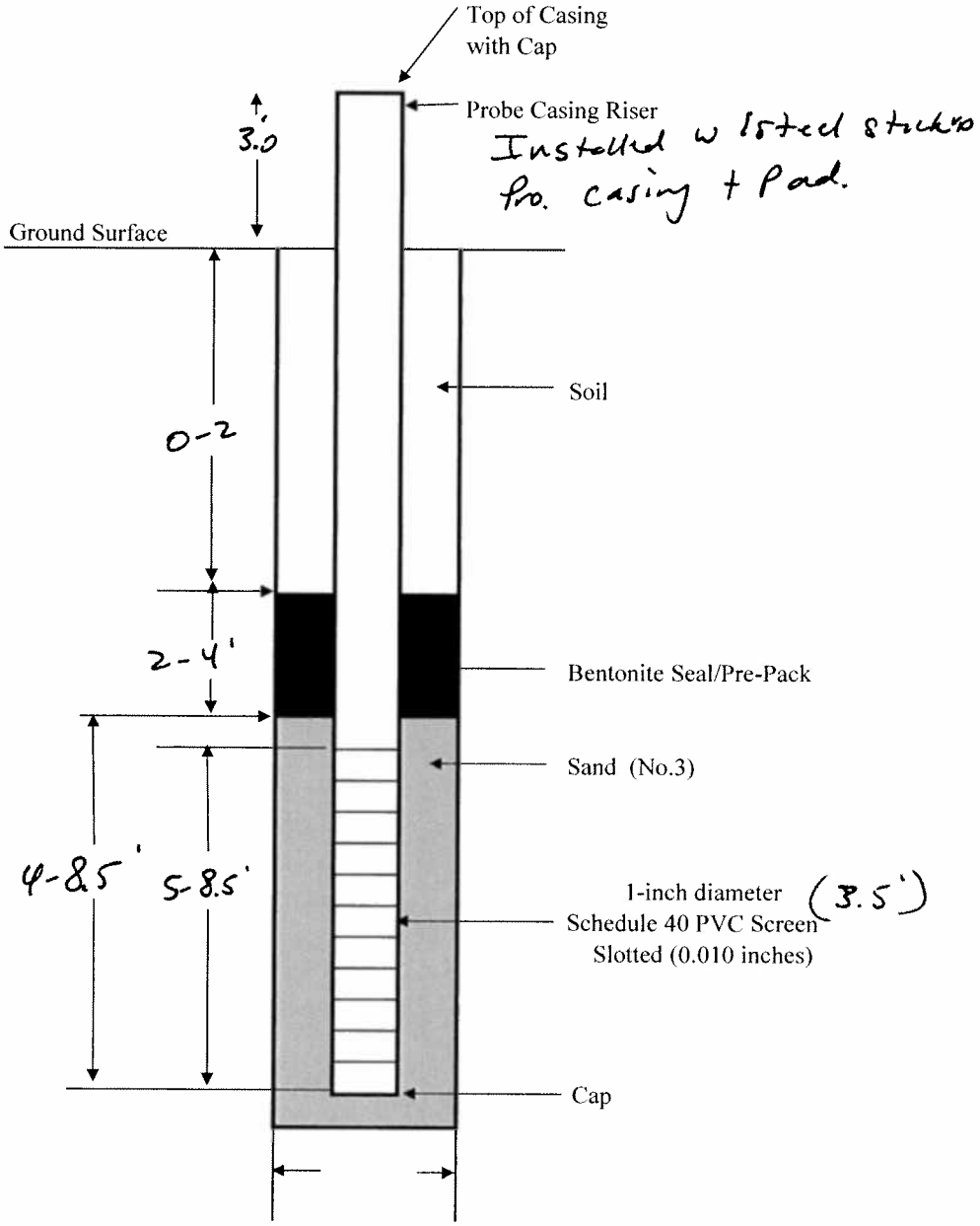
DEPTH TO WATER BELOW GROUND SURFACE: >15' bgs

LANDFILL GAS PROBE CONSTRUCTION DETAIL

DRILLED BY: S&ME Inc.
LOGGED BY: G. Paul
DATE INSTALLED: 10/23/12

SITE: Flemington Landfill
TASK ORDER: 3056DP-5

WELL ID: VP-20



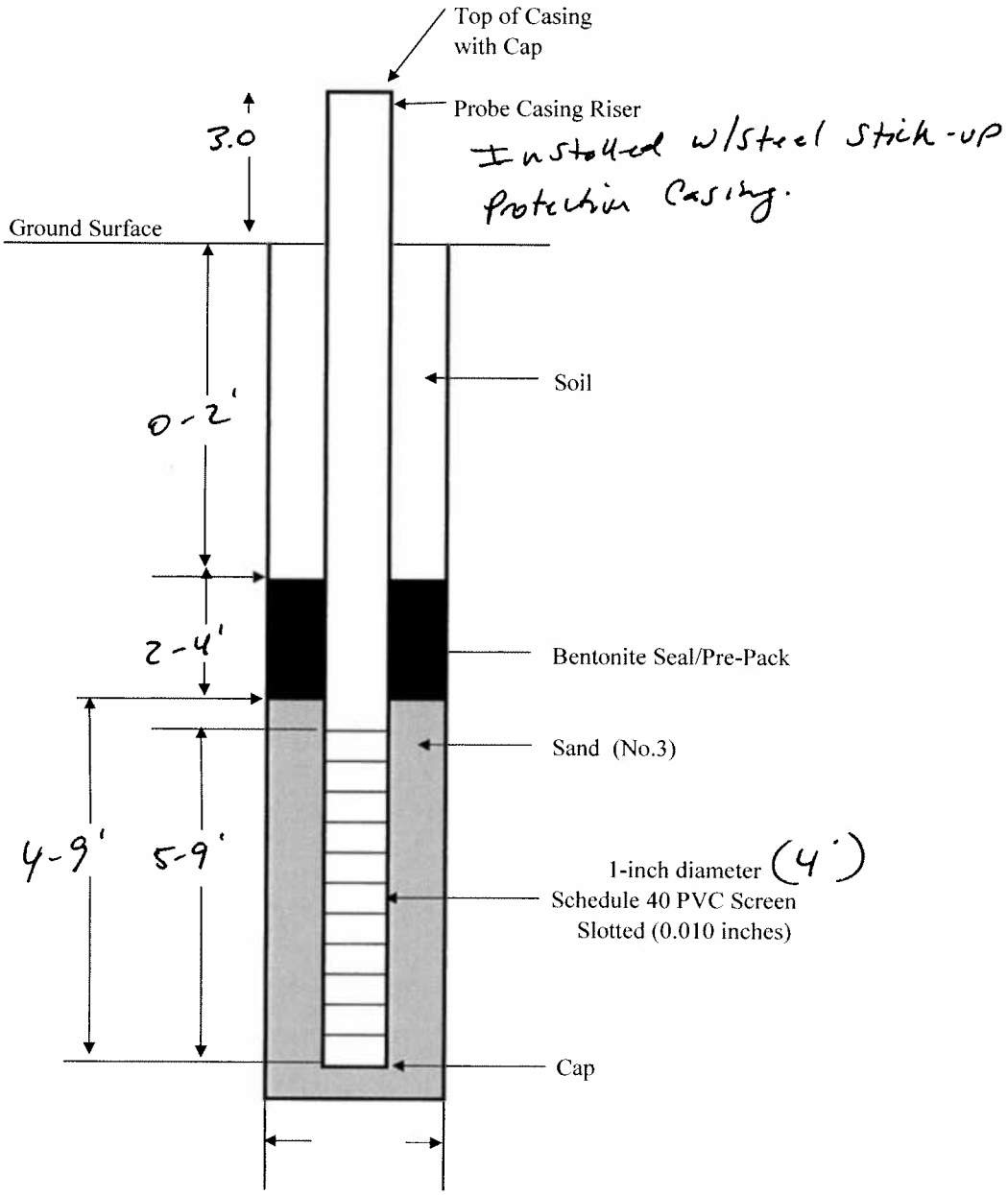
DEPTH TO WATER BELOW GROUND SURFACE: 12' bgs

LANDFILL GAS PROBE CONSTRUCTION DETAIL

DRILLED BY: S&ME Inc.
LOGGED BY: G. Paul
DATE INSTALLED: 10/23/12

SITE: Flemington Landfill
TASK ORDER: 3056DP-5

WELL ID: VP-21



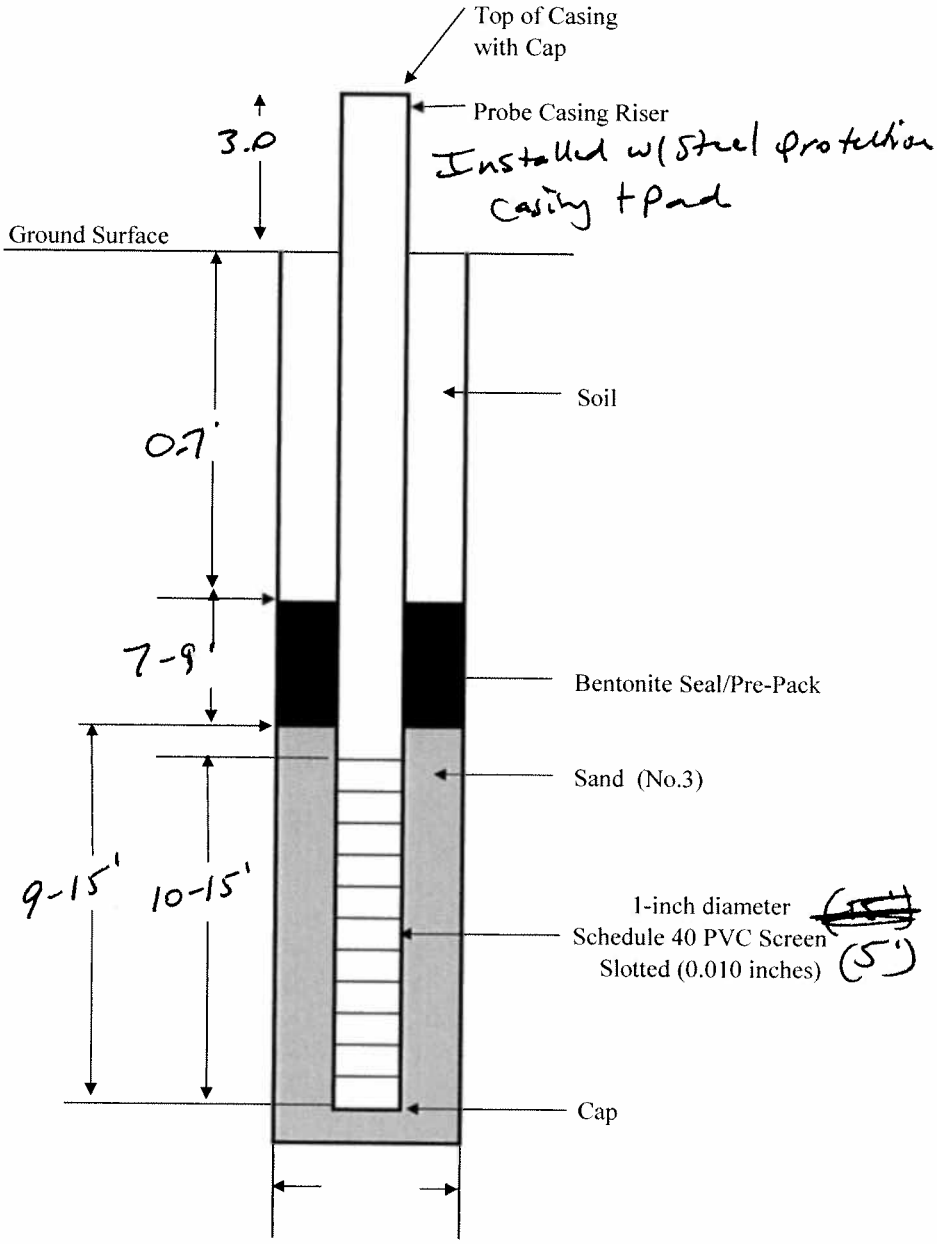
DEPTH TO WATER BELOW GROUND SURFACE: 11.5

LANDFILL GAS PROBE CONSTRUCTION DETAIL

DRILLED BY: S&ME Inc.
LOGGED BY: ~~G. Paul~~ C. Elliot
DATE INSTALLED: 10/29/12

SITE: Flemington Landfill
TASK ORDER: 3056DP-5

WELL ID: VP-22



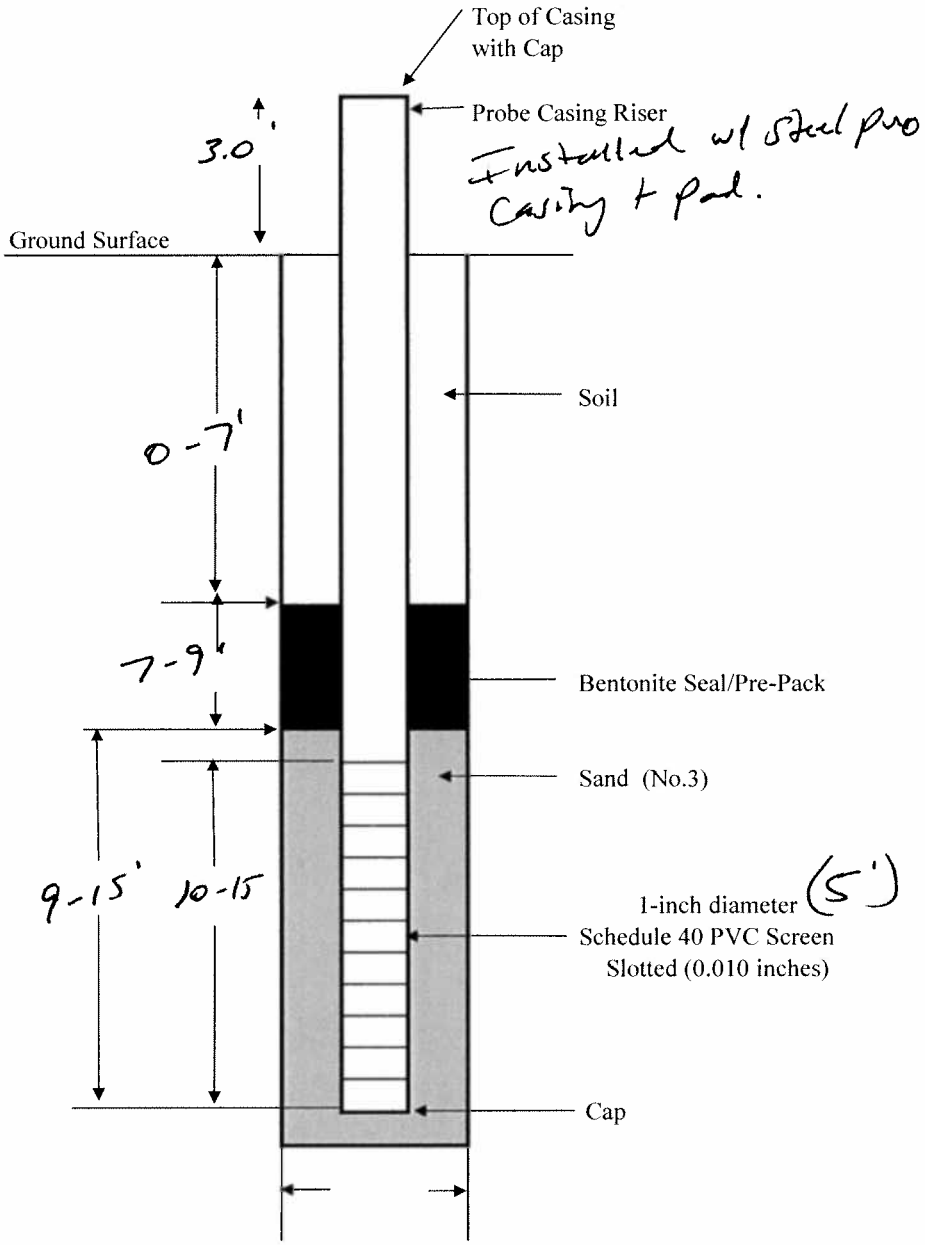
DEPTH TO WATER BELOW GROUND SURFACE: >15' bgs

LANDFILL GAS PROBE CONSTRUCTION DETAIL

DRILLED BY: S&ME Inc.
LOGGED BY: ~~G. Paul~~ C. Elliot
DATE INSTALLED: 10/29/12

SITE: Flemington Landfill
TASK ORDER: 3056DP-5

WELL ID: VP-23



DEPTH TO WATER BELOW GROUND SURFACE: > 15'

SEDIMENT SAMPLING

SUMMARY OF GEOPROBE AUGER BORING

Driller: S&ME, Inc.
Logged By: Gerald Paul

S&ME

Project Name: Flemington Landfill
Task Order: 3056DP-5
GERALD PAUL
10/26/12

DATE	BORING LOCATION	DEPTH (ft)	PROFILE DESCRIPTION	USCS CLASS	VISUAL/ODOR INDICATIONS OF CONTAMINATION	ORGANIC VAPOR READINGS (ppm)			SAMPLE TO LAB (Y/N)
						PID	FID	ft. bgs.	
10/26/12	SED-1	0-1	Tan/brown SAND	SP	NONE	2.8		0-1	Yes
			Sampled 0900						
10/26/12	SED-2	0-1	TAN SAND	SP	NONE	0.8		0-1	Yes
			SAMPLED 0915						
10/26/12	SED-3	0-1	TN/brown SAND	SP	NONE	3.1		0-1	Yes
			Sampled @ 0930						
10/26/12	SED-4	0-1	Tan / Lt brown SAND	SP	NONE	2.6		0-1	Yes
			Sampled @ 0945						
10/26/12	SED-5	0-1	Lt / DK Brown SAND	SP	NONE	4.2		0-1	Yes
			SAMPLED @ 1000						
10/26/12	SED-6	0-1	Lt Brown SAND	SP	NONE	0.2		0-1	Yes
			SAMPLED @ 1015						
10/26/12	SED-7	0-1	Tan mixed Dark Brown Sand	SP	NONE	1.6		0-1	Yes
			SAMPLED @ 1030						
			* SED DUP-2 – Duplicate from SED-7						
10/26/12	1430	→	Equip blank Hand auger/spoon						
			Eq blank-1						

Notes:
ft. bgs.= Depth in feet below ground sur PID = Photo-ionization detector (readings in parts per million or ppr See attached USCS class descriptions
-- = No data or paramter not collected FID = Flame-ionization detector (readings in parts per million or ppm)

Calibration P.D 0.0 = 0.0

Back Ground
soil Sampling

GERAD PAUL

SUMMARY OF GEOPROBE AUGER BORING

Driller: S&ME, Inc.
Logged By: Gerald Paul

S&ME

Project Name: Flemington Landfill
Task Order: 3056DP-5

10/26/12

DATE	BORING LOCATION	DEPTH (ft)	PROFILE DESCRIPTION	USCS CLASS	VISUAL/ODOR INDICATIONS OF CONTAMINATION	ORGANIC VAPOR READINGS (ppm)			SAMPLE TO LAB (Y/N)
						PID	FID	ft. bgs.	
10/26/12	BG-6	0-2	Tan Sand	SP	No IND	2.6		0-2	NO
		2-4	Lt brown Sand		of Cont.	3.8		2-4	Yes
		6-7	tan / brown Sand			1.8		4-6	NO
			TOB 7'						
				*	composite 2-5' bgs				
10/26/12	BG-7	0-1	grey / tan / brown sand	SP	No ind of	1.6		0-2	NO
		1-7	Lt brown SAND		Cont.	0.8		2-4	Yes
			TOB 7'	*	Comp 2-5' bgs	2.1		4-6	NO
10/26/12	BG-8	0-3	Lt tan / Lt brown Sand	SP	No indication	2.4		0-2	NO
		3-4	Dark brown sand		of cont.	3.1		2-4	Yes
		4-7	Lt / med brown sand	*	Comp 2-5' bgs	2.8		4-6	NO
			TOB 7'						

Notes:
ft. bgs.= Depth in feet below ground sur PID = Photo-ionization detector (readings in parts per million or ppr See attached USCS class descriptions
-- = No data or paramter not collected FID = Flame-ionization detector (readings in parts per million or ppm)

Calibration PID = 0.0 = 0.1
Ion Science Photo check tiger